

JANSHAKTI

NAV MAHARASHTRA SHIKSHAN MANDAL SHEVGAON'S

LATE ABASAHEB KAKADE ARTS COLLEGE

Bodhegaon, Tal.- Shevgaon, Dist.- Ahmednagar –414 503

(Affiliated to Savitribai Phule Pune University,Pune)



Savitribai Phule Pune University

Academic Year 2022-23



A

PROJECT REPORT ON

"Online Book Store"

Submitted By

1. **Shaikh Soyal Rashid**

Abasaheb Kakade Art's and Science College Bodhegaon

Under the guidance of

Project Guide:

Prof.A.A.Sapkal

Department Of ***Bachelor of Computer Application***

CERTIFICATE

This is to certify the

1. **Shaikh Soyal Rashid**

Of sixth semester of Bachelor of Computer Application of Institute Abasaheb Kakade Art's and Science College Bodhegaon has successfully completed the final project in the subject

'Online Book Store'

for Academic year 2022-23 as prescribed in the curriculum.

Prof.B.A.CHEDE **Dr.M.K.Fesale**

HOD Dept. BCA **Principal**

Internal **External**

ACKNOWLEDGEME

A project is a job of greate normity and it can "be accomplished by an individual all by them. Eventually, we are grateful to severa individuals whose professional guidance, assistance and encouragement have made it a pleasant endevour to undertake is project.

It gives us great pleasure in expressing our expense of gratitude to our respected Founder Chairman**,** for having provided us with great in restructure and well-furnished labs.

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Guidance and deadlines play a very important role in successful completion of the project on time. We also convey our gratitude to our internal project guide, **Prof.A.A.Sapkal , for** having constantly guided and the development of the project.

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Date: / 05/2023 **Place: ----------**

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Introduction

The “Online Book Store” has been developed to override the problems prevailing in the practicing manual system . This software is supported to eliminate and in some cases reduce the hardships faced by this existing system . Moreover this system is designed for the particular need of the shop to carry out operations in a smooth and effective manner

The application is reduced as much as possible to avoid errors while entering the data it also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. Online Book System, as described above , can lead to error free, secure, reliable and fast management system . It can assist the user to concentrate on the record keeping. Thus it will help organization in better utilization of resource.

Every organization, whether big or small, has challenges to overcome and managing the information of Stock, Books, Order, Payment. Every Online Book Store has different Books needs, therefore we design exclusive employee management systems that are adapted to your managerial requirement is equipped with the right level of information and details for your future goals Also, for those access feature, which will allow you to better manage resources.

Project Aims and Objectives:

The main Objective of the project on Online Book Store is to manage the details of Books, Stock, Customer, Order, Payment. It manages all the information about Books, Payment. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The manual work for managing the Books, Stock, Customer. It tracks all the details about the Customer, Order,Payment.

● Functionalities provided by Online Book Store-

- Provides the searching facilities based on various factor . Show as Books, Customer, Order, Payment.
- Online Book Store also manage the bill details online for Order details, Payment detail, Books.
- A User Friendly Interface.
- It tracks all the information of Stocks and Order.
- Secure and Convenient Payment System.
- It Tracks all the Information of Stock , Order, Payment.
- Manage the Information of Stock
- Shows the Information and Description of the Books, Customer.
- To Increase Efficiency of Managing the Books, Stock.
- It Deals with Monitoring the Information and Transaction of order.
- Manage the Information of Books.
- Editing , Adding and Updating of Records is Improved Which Result in Proper Management of Books Data.
- Manage the Information of Order.
- Integration of all Records of Payment.

Scope of Work-

It may help collecting perfect management in details. In a very short time, the collecting will be obvious , simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Online Book Store . It will be also reduced the cost of collecting the management & collecting procedure will go on smoothly.

Our Project aims at Business process automation, i.e. we have tired to computerize various processes of Online Book Store.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time .
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas .
- To utilize resources in an efficient manner by increasing their productivity through automation .
- The system generates types of information that can be used for various purpose .
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate
- Have a good user interface
- Be expandable
- Delivered on schedule within the budget.

Detail Description of Technology Used-

Hardware Requirement:

Processor	I3 processor
Hard disk	512GB
RAM	4GB
Monitor	VGA/SVGA/Color Monitor
Other Hardware	Keyboard, Mouse, Printer, etc.

Software Requirement:

Operating System	Windows 10
Front End	JAVA(J2EE), HTML CSS, JavaScrips
Back End	MySQL

Technologies to be used:

Java virtual machine and JDK servlet.

My-SQL queries.

2. PROPOSED SYSTEM-

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduce the manual work.

- System needs store information about new entry of books .
- System needs to help the internal staff to keep information f Stock and find them as per various queries.
- System need to maintain quality record.
- System needs to keep the record of Customer.
- System needs to update and delete the record.
- System also needs a search area.
- It also needs a security system to prevent data.

Objectives of System-

- System needs stored information about new entry of Book.
- System needs to maintain quantity records.
- System needs to keep the record of customer.
- System needs to update and delete the records.
- System also needs a search area.
- It also needs a security system to prevent data.

Feasibility Study :

After doing the project Online Book Store, study and analyzing all the existing or required functionality of the next task is to do the feasibility study for the project. All project are feasible – given unlimited resources and infinite time. Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the requirement and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

Economical Feasibility :

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

All hardware and software cost has to be borne by the organization.

Overall we have estimated that the benefits the organization Is going to receive.

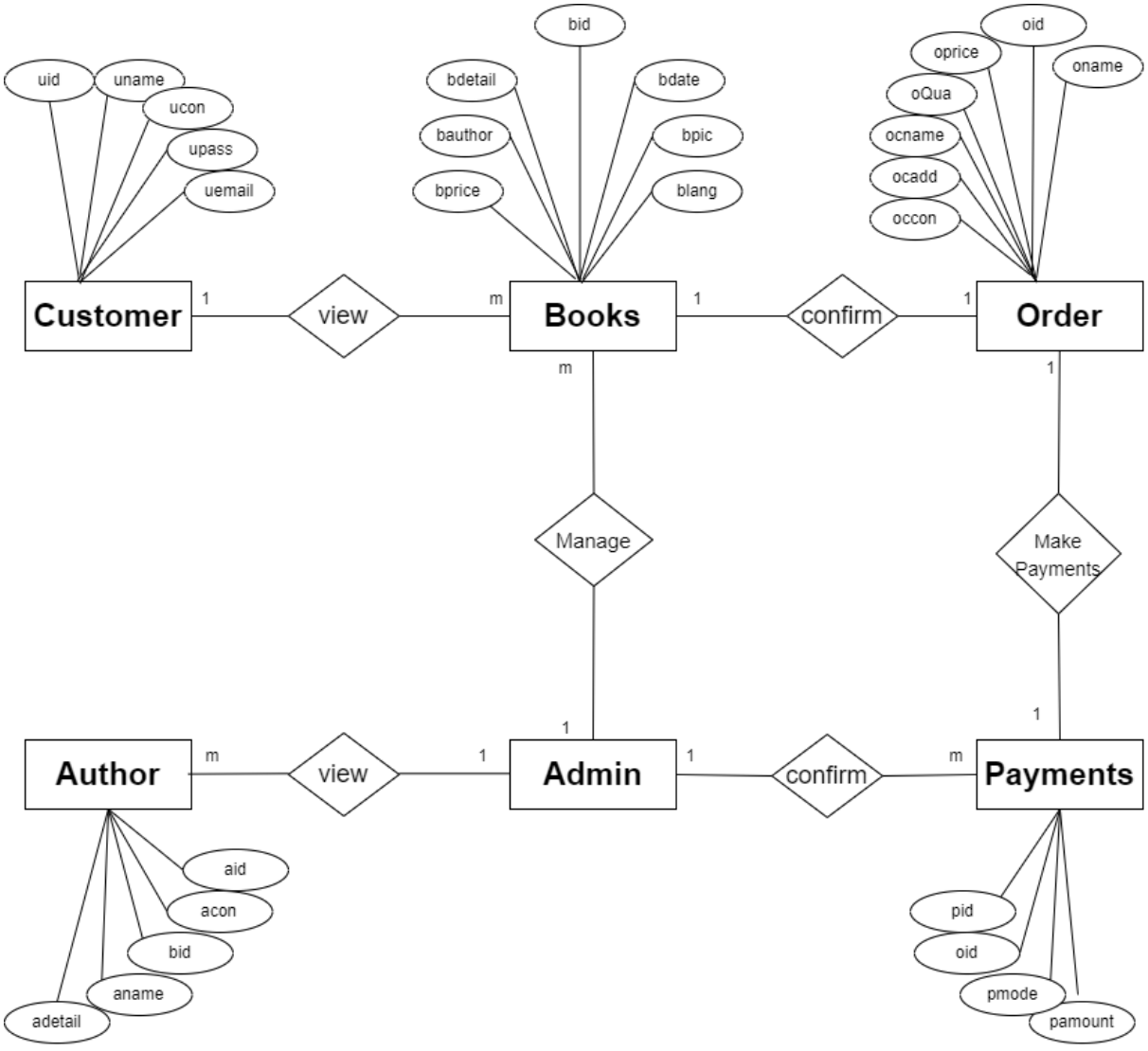
From the proposed system will surely overcome the initial costs the later on running cost for system.

Technical Feasibility :

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS) and checked if everything was possible using different type of frontend and backend plaformst.

Diagrams -

1) ER Diagram-

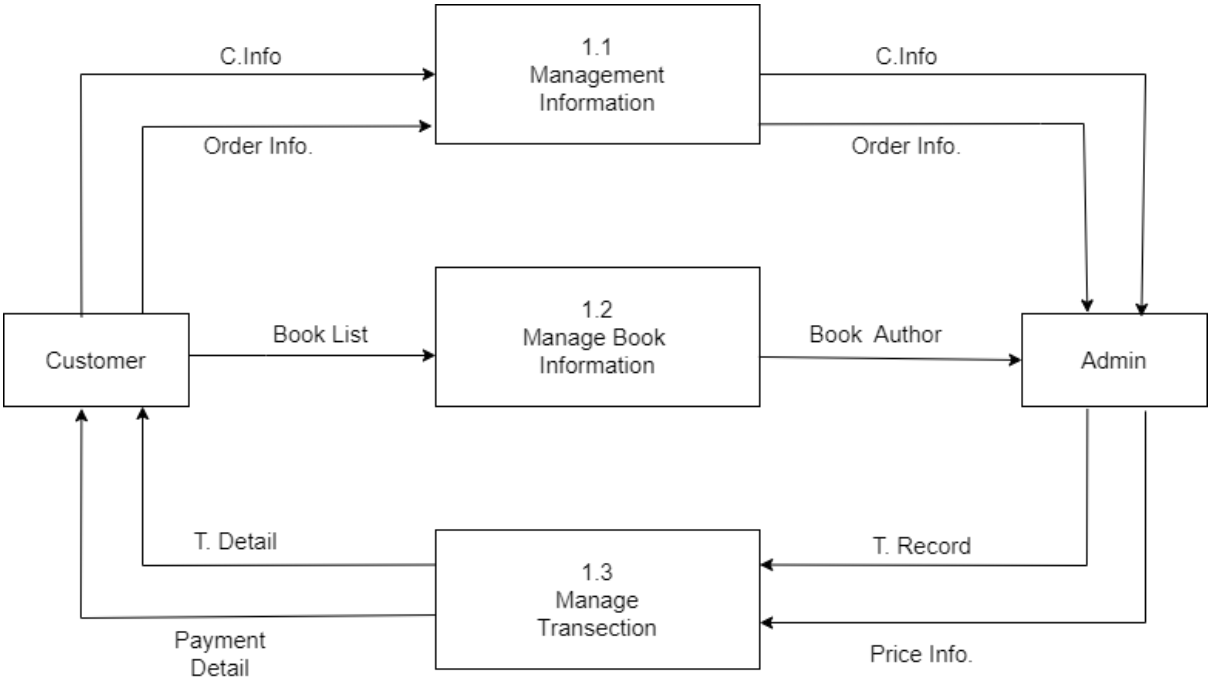


1) DFD (Data Flow Diagram)-

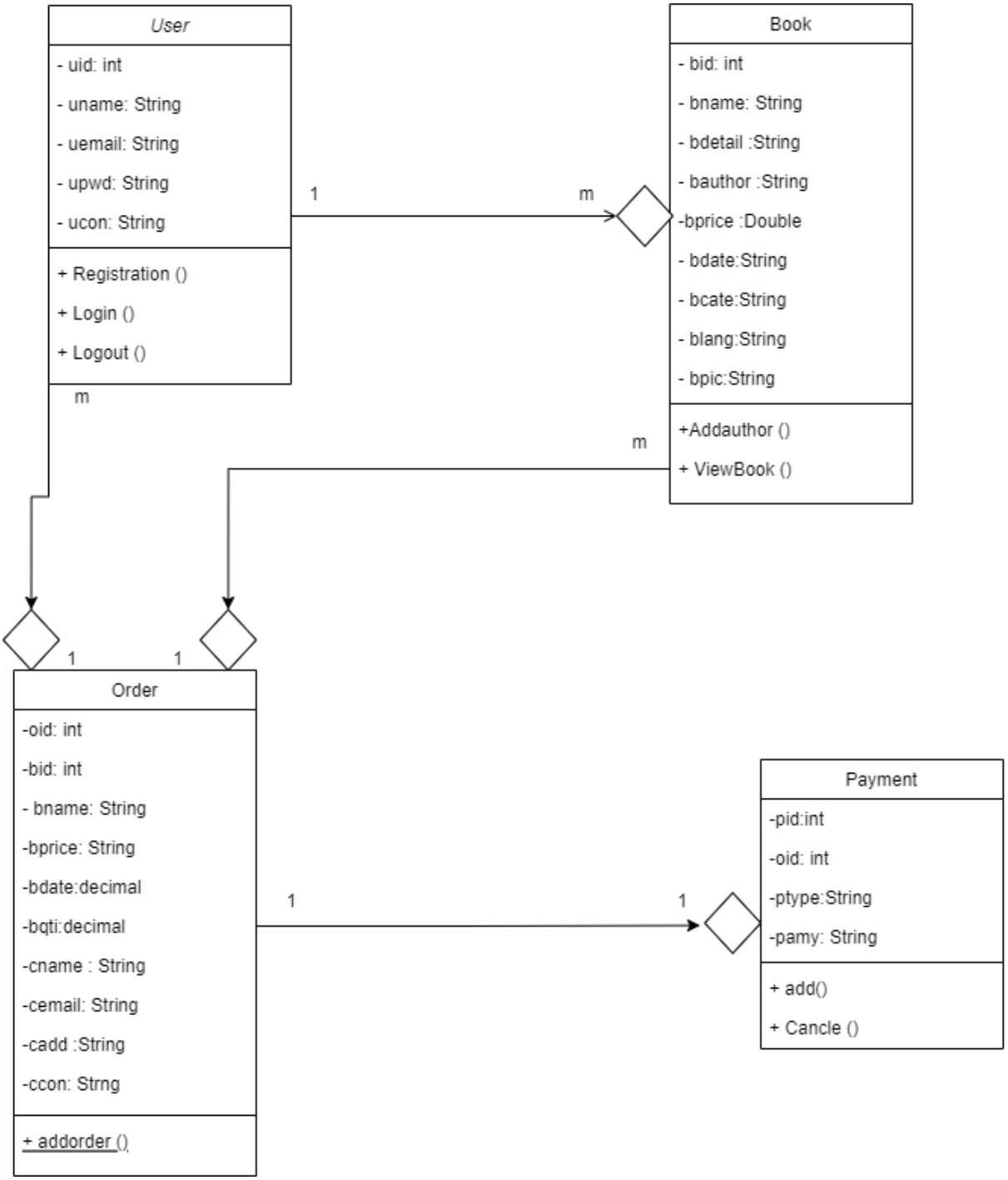
I) Context Level



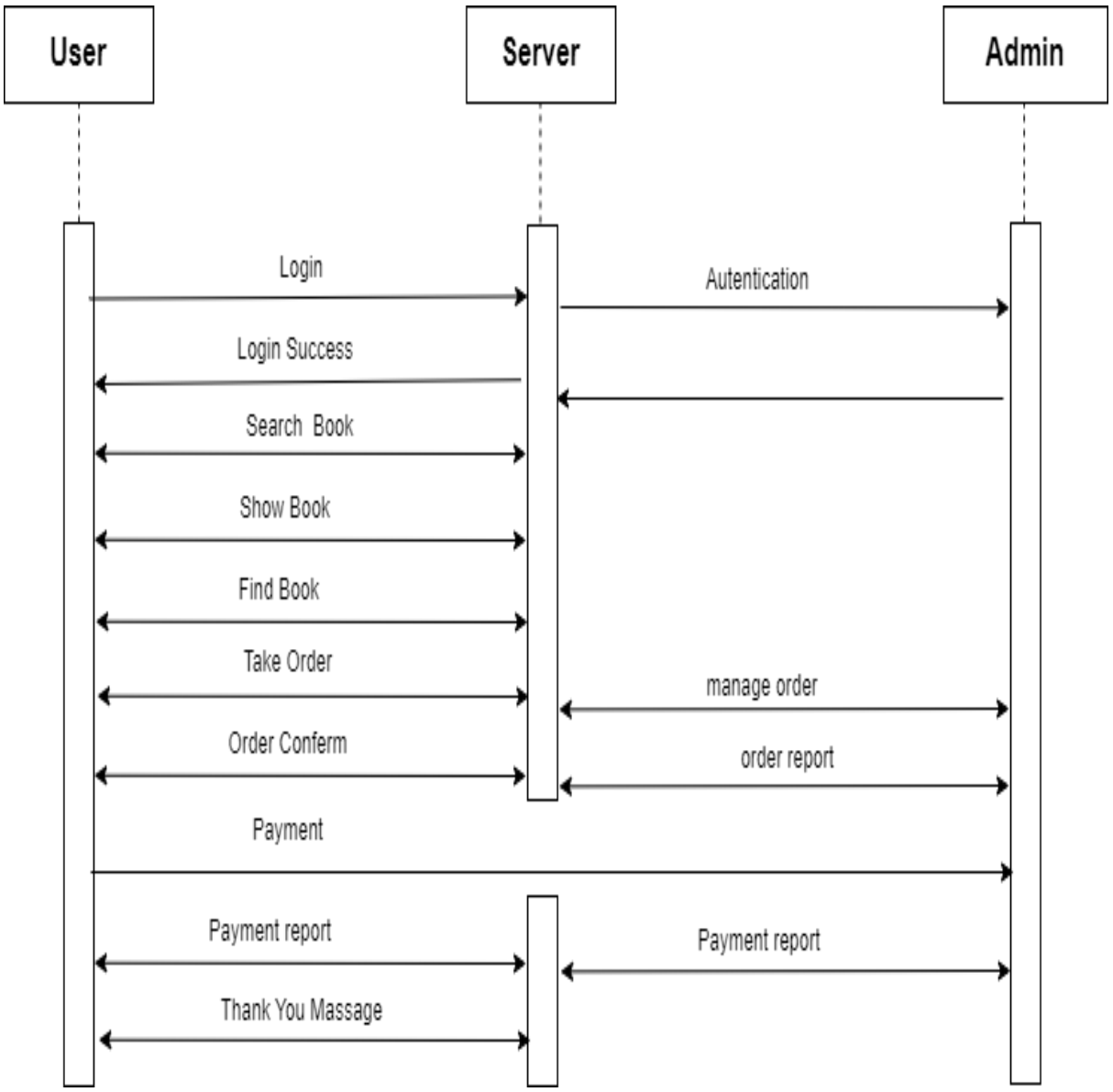
II) First Level



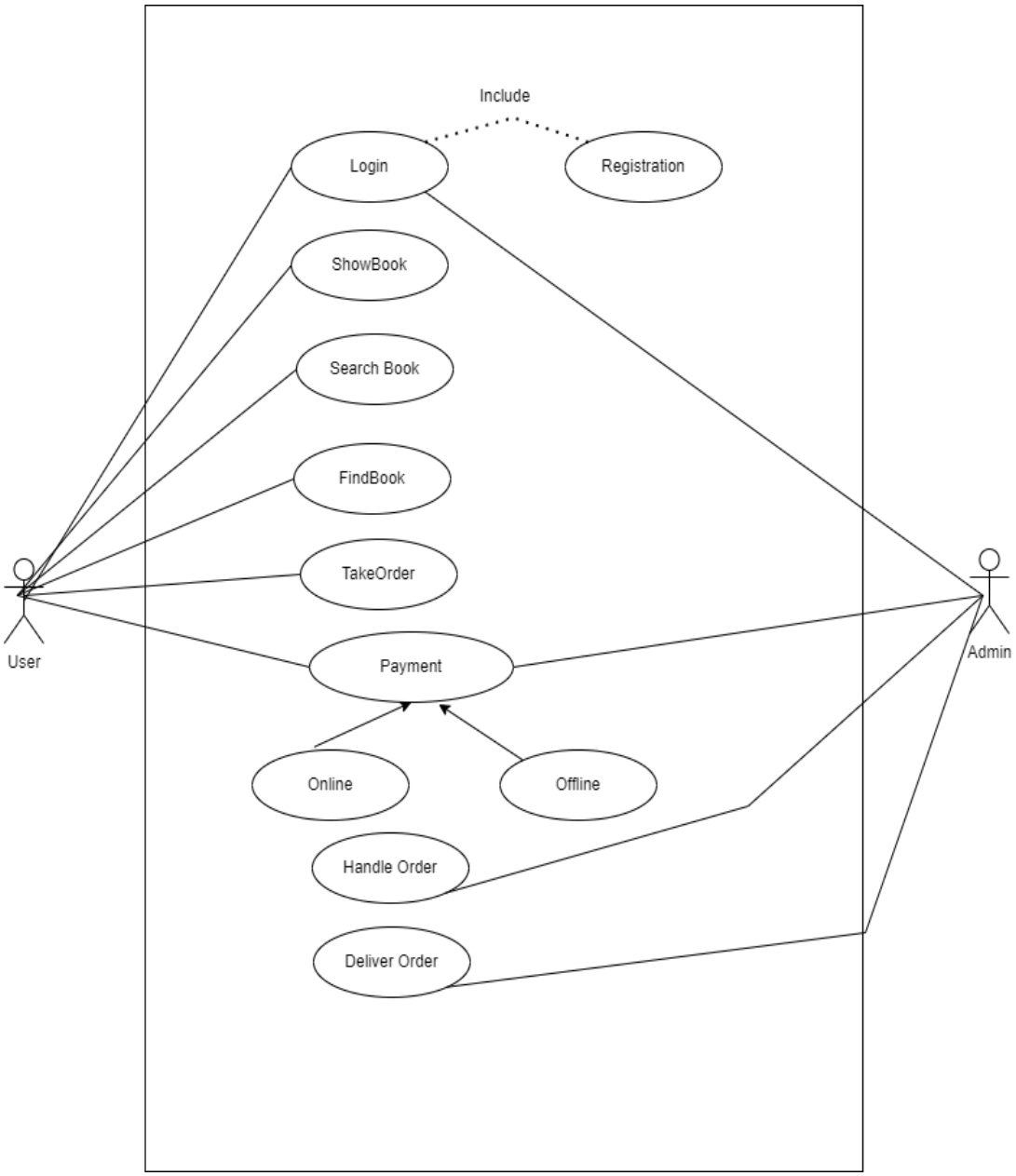
III) Class Diagram-



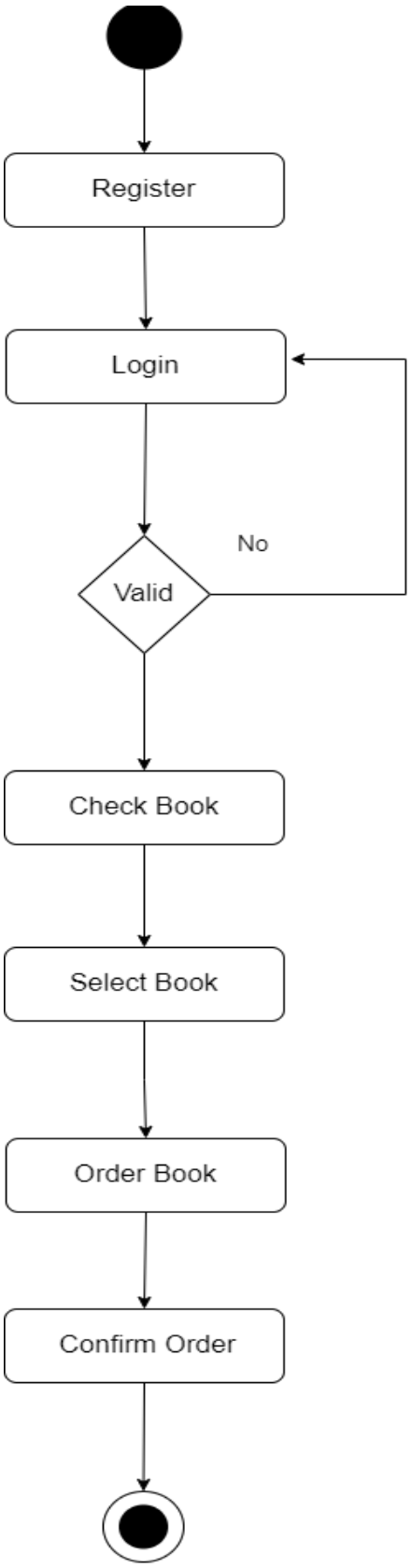
IV) Sequence Diagram-



V) Use Case Diagram-



VI) Activity Diagram-



3. Analysis and Design-

Data Dictionary-

1) Table Name - Registration

Sr. No.	Attribute	Datatype	Key
1	User id	int	Primary Key
2	Name	Varchar (200)	
3	E-mail	Varchar (100)	
4	Address	Varchar (100)	
5	Password	Varchar (100)	
6	Retype Password	Varchar (100)	
7	Contact	Varchar (100)	

2) Table Name – Login

Sr. No.	Attribute	Datatype	Key
1	User id	int	Primary Key
2	Username	Varchar (20)	
3	Password	Varchar (20)	

3)Table Name – Order Confirmation

Sr. No	Attribute	Datatype	Key
1	Product id	int	Primary Key
2	Name	Varchar (200)	
3	Price	Varchar (200)	
4	Quantity	Varchar (200)	
5	Customer Name	Varchar (200)	
6	Customer Email	Varchar (200)	
7	Customer Address	Varchar (200)	
8	Customer Contact	Varchar (200)	
9	Date	Date	

4)Table Name – Add Product

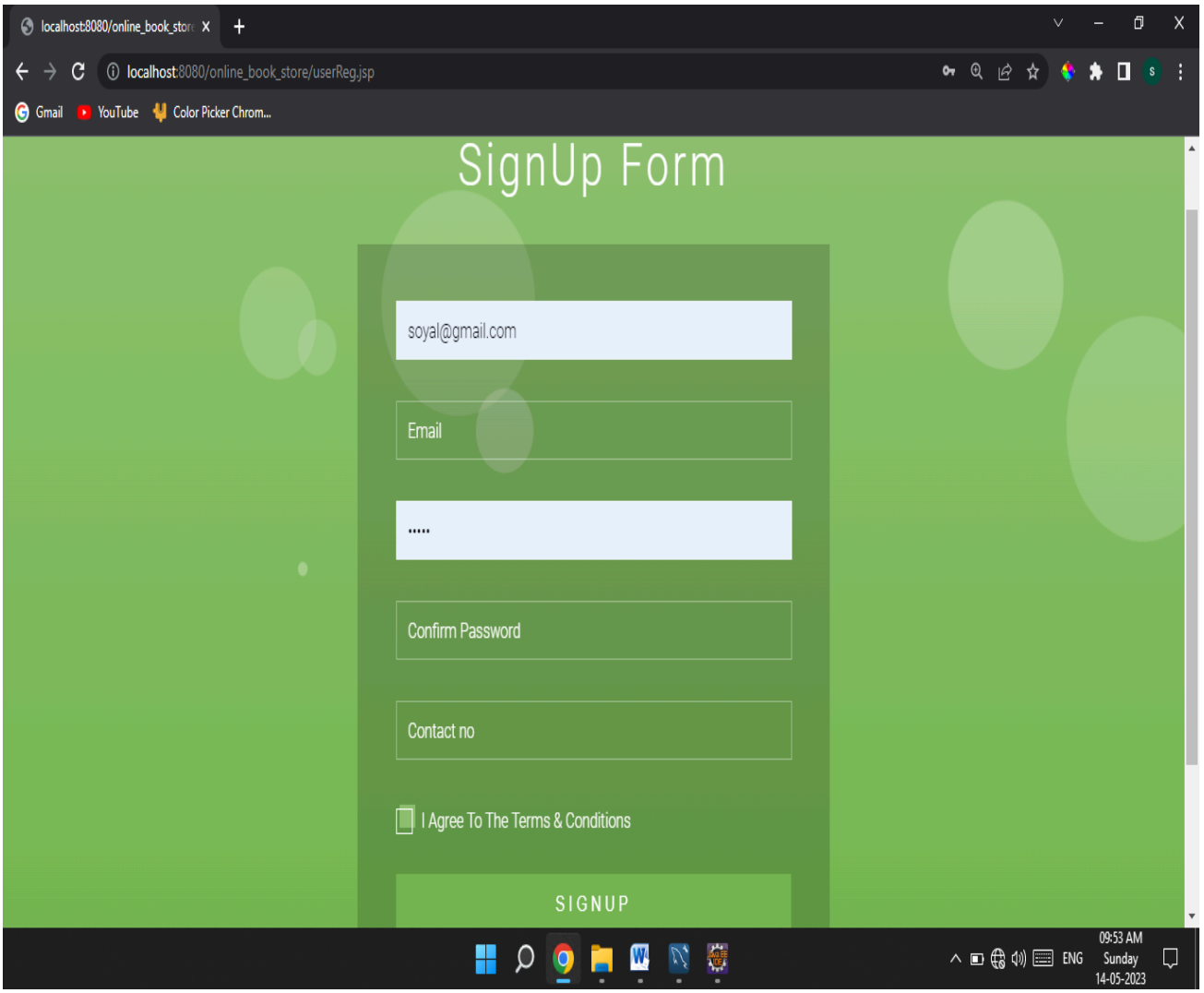
Sr. No	Attribute	Datatype	Key
1	User id	int	Primary Key
2	Name	Varchar (200)	
3	Detail	Varchar (200)	
4	Author	Varchar (200)	
5	Price	double	
6	Date	Varchar (200)	
7	Categories	Varchar (200)	
8	Language	Varchar (200)	
9	Picture	Varchar (200)	

2) Table Name – Payment

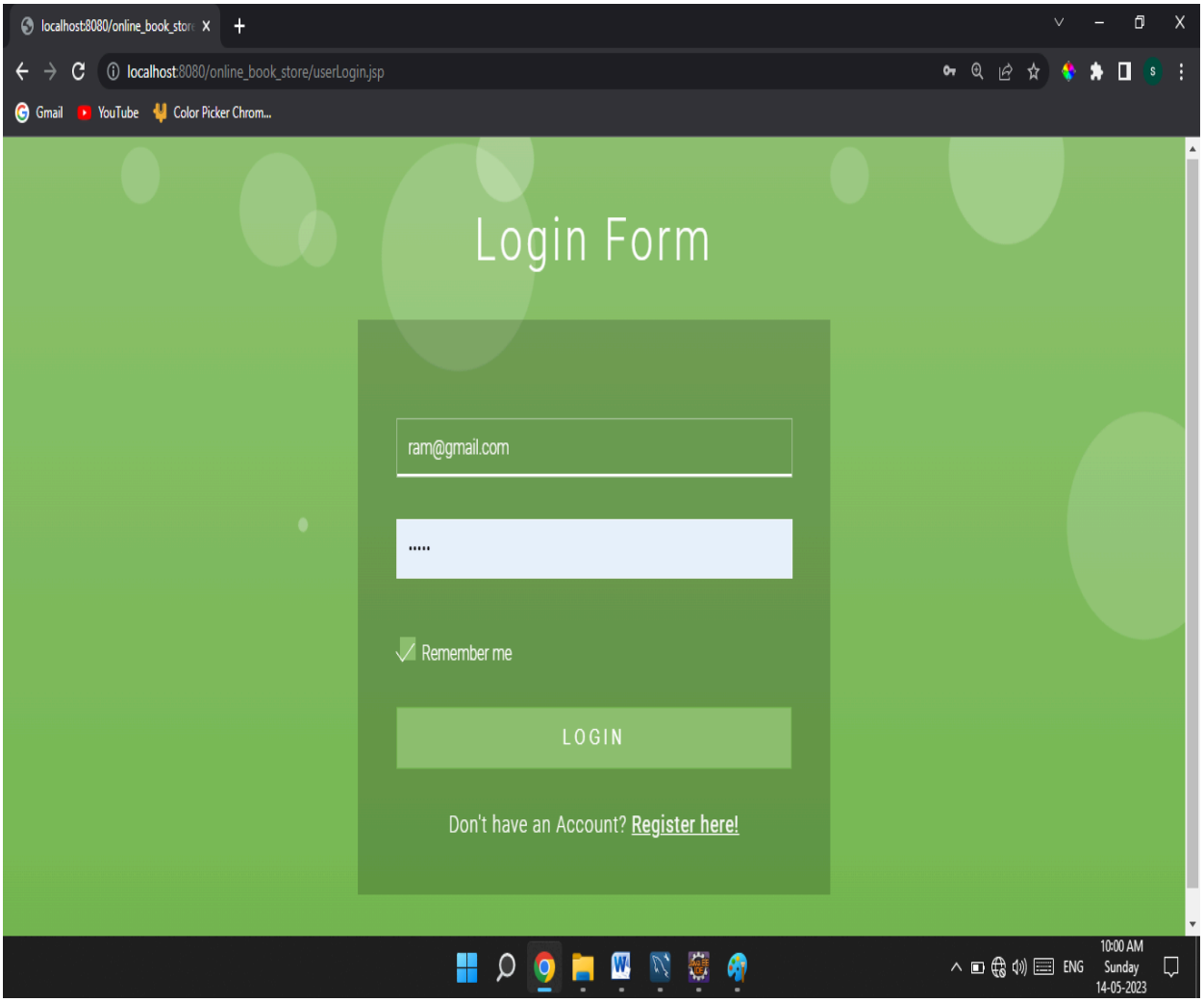
Sr. No.	Attribute	Datatype	Key
1	Product id	int	Primary Key
2	Order id	int	Foreign key
3	Payment Mode	Varchar (200)	
4	Product Amount	Varchar (200)	

User Interface (Screenshots) –

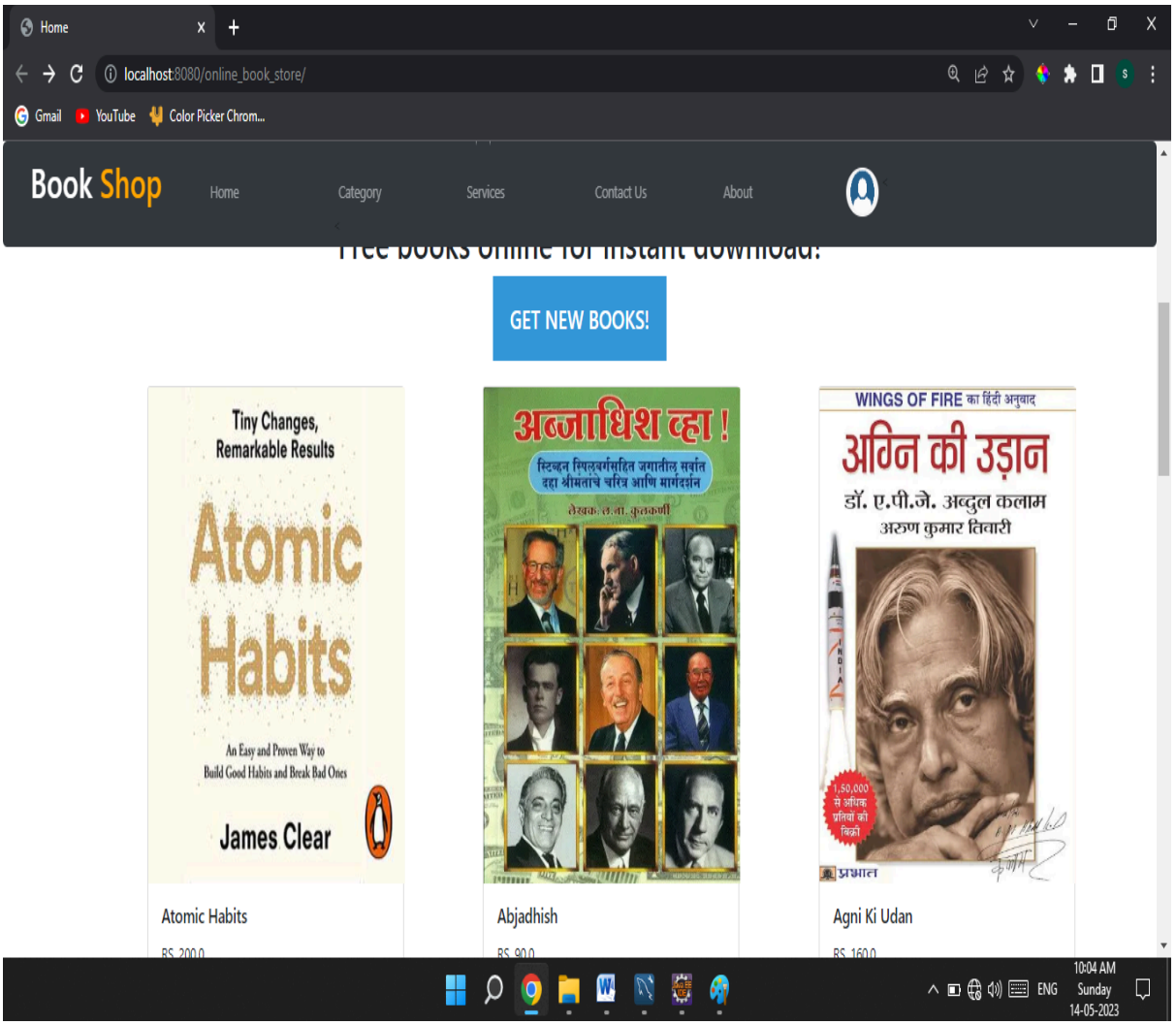
User Registration:



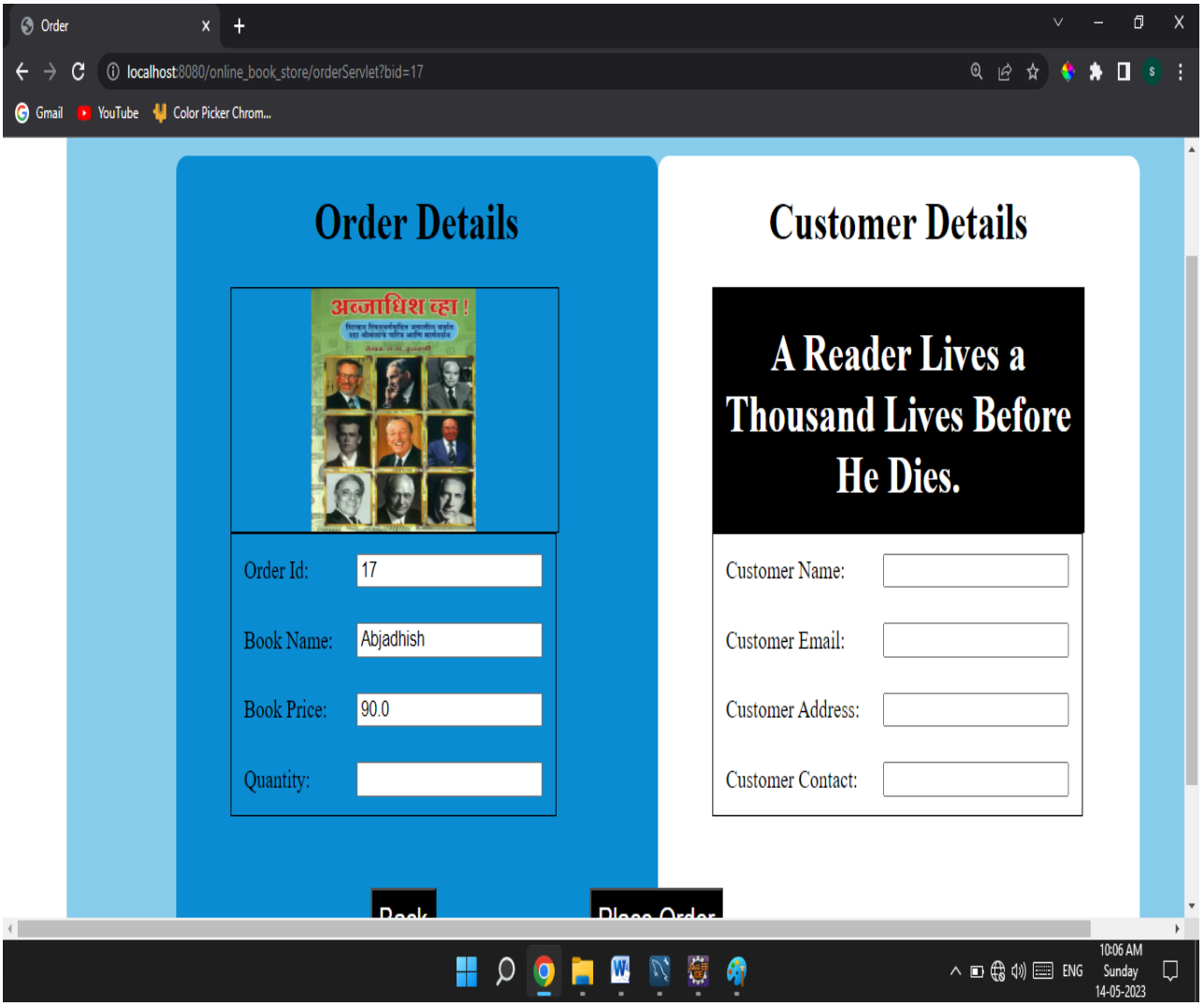
User Login:


localhost:8080/online_book_store/userLogin.jsp
Gmail
YouTube
Color Picker Chrom...
Login Form
ram@gmail.com
.....
Remember me
LOGIN
Don't have an Account? Register here!
ENG
10:00 AM
Sunday
14-05-2023

Search Books:

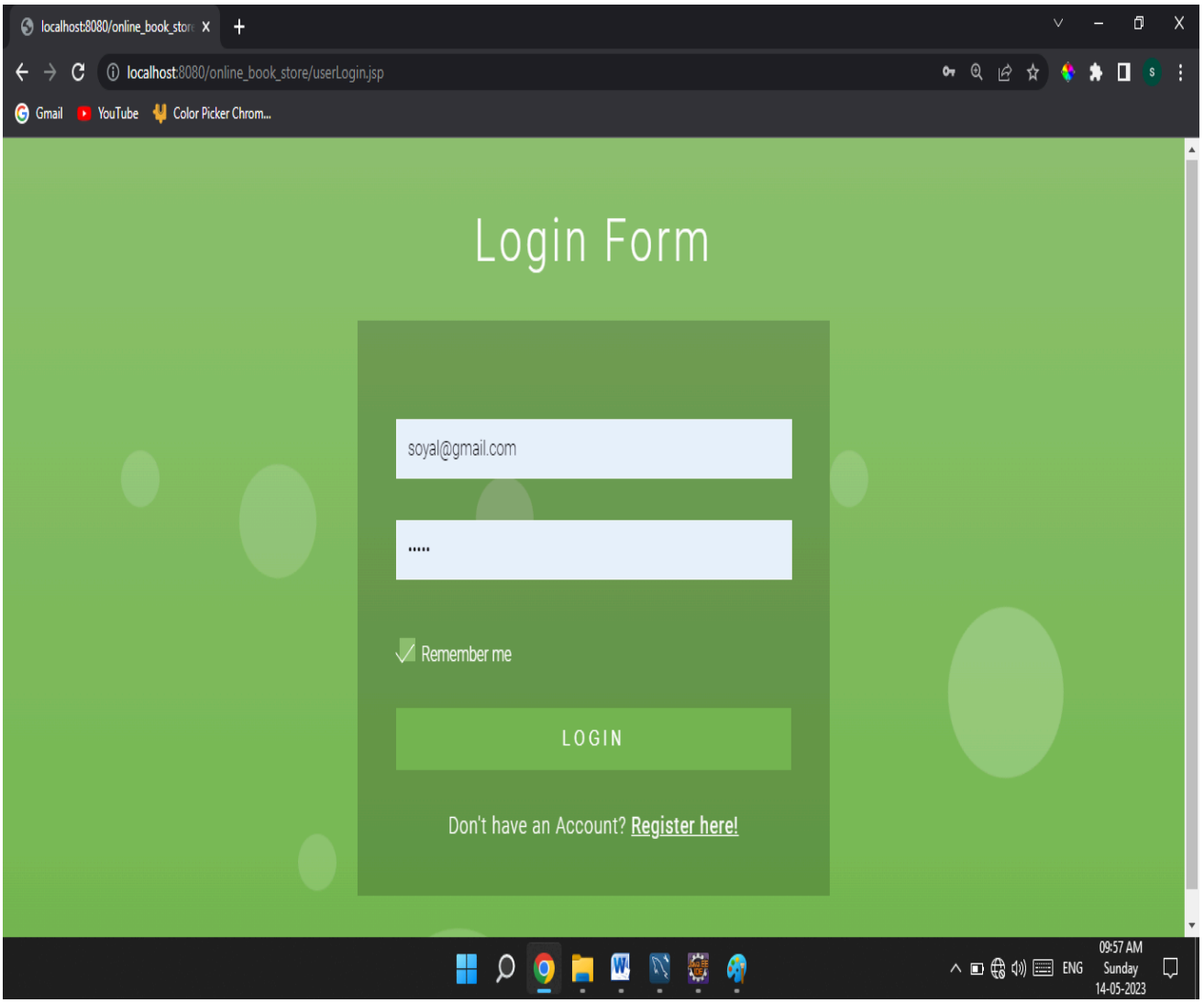


Order page:

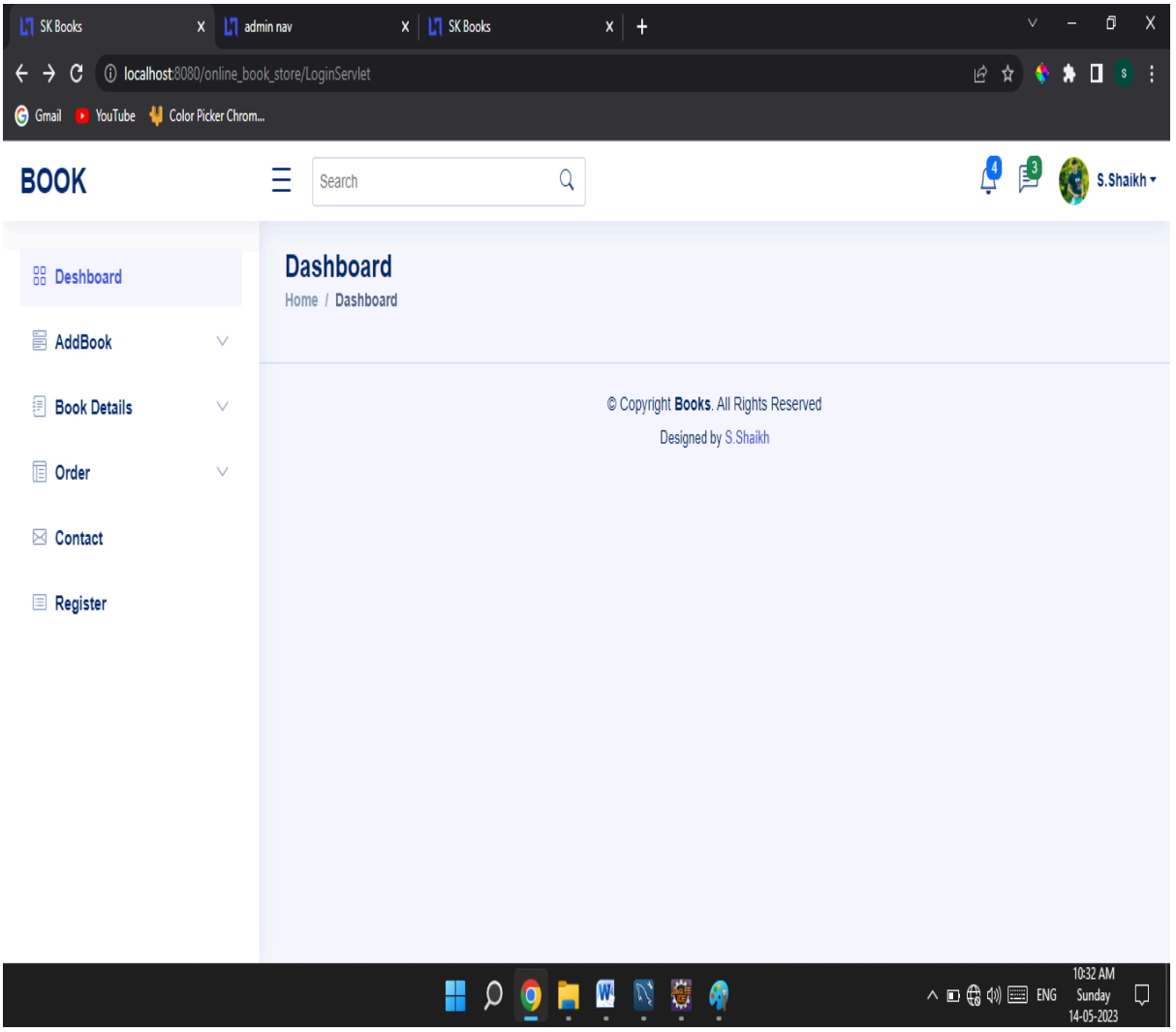

Order
localhost:8080/online_book_store/orderServlet?bid=17
Gmail
YouTube
Color Picker Chrom...
Order Details
अब्जाधिश व्हा !
Order Id:
17
Book Name:
Abjadhish
Book Price:
90.0
Quantity:
Customer Details
A Reader Lives a Thousand Lives Before He Dies.
Customer Name:
Customer Email:
Customer Address:
Customer Contact:
ENG
10:06 AM
Sunday
14-05-2023

Admin Interface (Screenshots) –

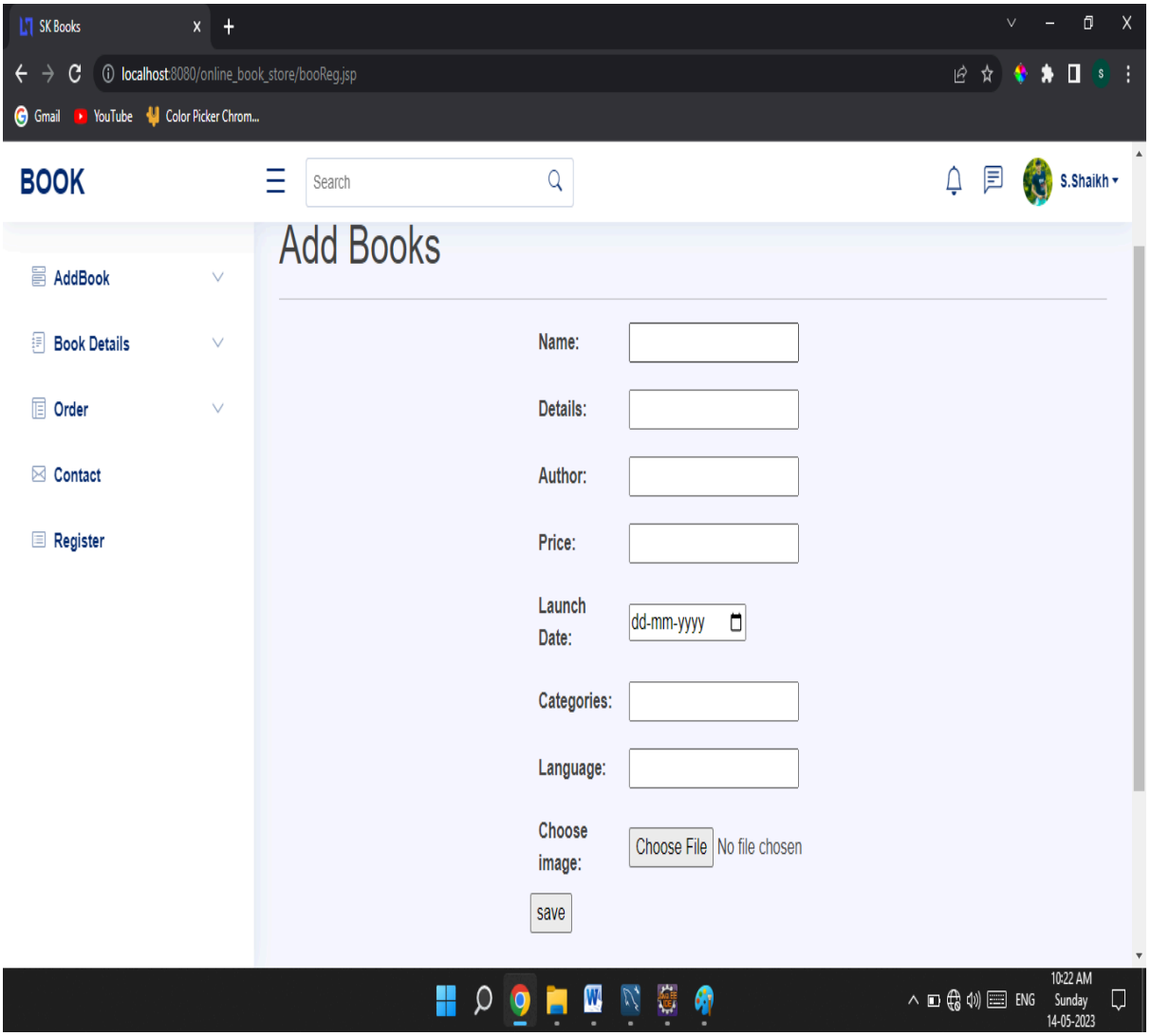
Admin Login:



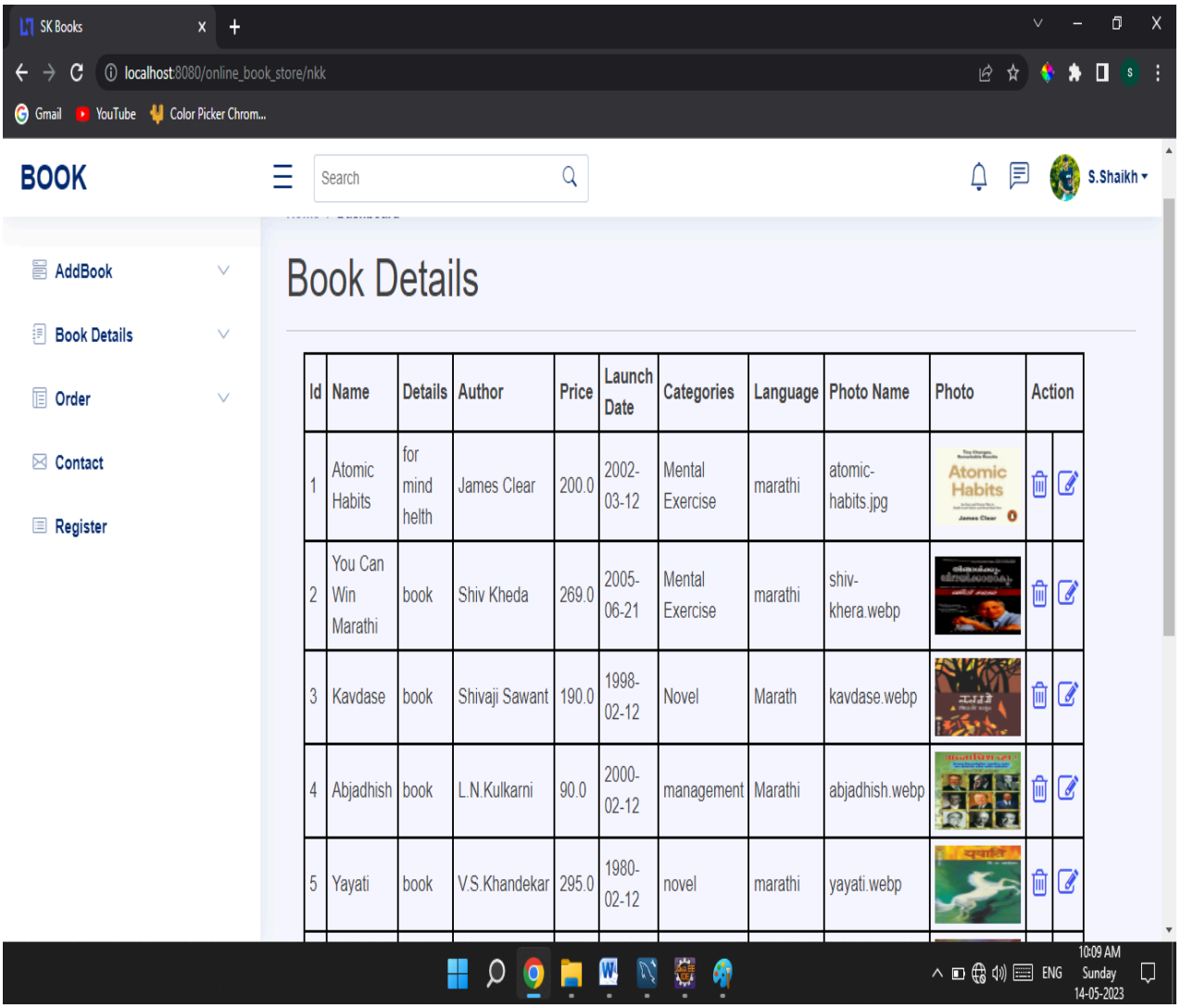
Admin Dashboard:



Add Books & Details:



Book Details:



Conclusion –

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manager to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

Scope of project –

In computer system the person has to fill the various forms and number of copies of the forms can be easily generated at a time.

In computer system it not necessary to create the manifest but we can directly print it, which saves our time.

To assist the staff in capturing the effort spent on their respective working areas.

It satisfies the user requirement.

Be easy to operate.

Have a good user interface.

Be expandable.

Delivered on schedule within the budget.

Bibliography –

This refers to the book, which were gone through by me for completion of this project.

Sql server.

References –

www.google.com

www.w3schools.com

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www.stackoverflow.com



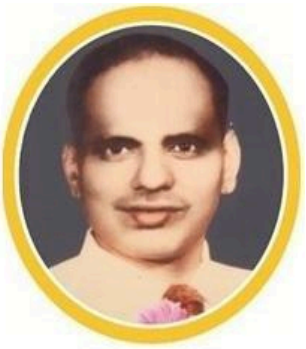
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Academic Year 2022-23

A

Project Report On

"Online Car-Rental System"

Submitted By

Mr.Nagargoje Krushna pandurang

Abasaheb Kakade
Art's and Science Collage
Bodhegaon

Under The Guidence of

Prof.A.A.Sapkal

Project Guide

Abasaheb Kakade Art's and Science Collage Bodhegaon

Department Of Bachelor of Computer Application

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For academic year 2022-23 as prescribed in the curriculum.

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Place:-Bodhegaon

Date:-15/05/202

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INTRODUCTION

This project is designed so as to be used by Car Rental Company specializing in renting cars to customers. It is an online system through which customers can view available cars, register, view profile and book car. Here, User has to Login To book a car. The user can search for cars easily and book. For bookings, the user has to provide information such as Booking Dates and Text Message. All car details are provided and it also includes Car's feature and Overview. The user can also post their Testimonials and the user can update their Profile as well as passwords anytime they want from the site. Admin can Add/Manage car brands, manage cars, bookings, testimonial, pages and many more. It's easy to operate and understand by users. This site makes customers easy for car rental. The design is pretty simple and the user won't find it difficult to understand, use and navigate.

PROJECT AIMS AND OBJECTIVES

develop a web based system that will help manage the business transactions of car renting.

develop a web based system that will help manage the business transactions of car renting.
develop a web based system that will help

manage the business transactions of car renting.

- To develop a web based system that will help manage the business transactions of car renting.
- To help in advertising the car rental services of a company, through the availability of the system online.
- To develop a simple and secure system that protects clients information and confidential information of the organization.
- To design a user friendly system that enables client check for availability of vehicle and book or reserve a vehicle online.
- To design a system that enables clients pay their car rent online.
- To develop a system that stores bookings and reservation information as well as payment history to help the organization keep track of transactions.

Existing System and Need For System

● About Existing System-

The Manual car rental system provides services only during office hours. So; customers have limited time to make any transactions or reservation of the cars. The existence of the online car rental systems nowadays has overcome the limitation of the business operation hour. There are some customers who faced a problem in choosing car to be rented which suitable with some of the important requirements.

- To rent a car a prospective renter must first go to the nearest office to register as a client.
- Cars that provide difficulties to rent out are normally advertised in local or national newspaper. It involves a lot of paper work and consumes time
- Details are stored in papers
- Maintenance is a huge problem
- Updations, changes in details is a tadious task
- Performance is not achieved up to the requirements.

● Need For System-

- **Enhance Business Processes**: To be able to use internet technology to project the rental company to the global world instead of limiting their services to their local domain alone, thus increase their return on investment (ROI).
- **Online Car Reservation**: A tools through which customers can Booking available cars online prior to their expected pick-up date or time.
- **Customer's registration**: A registration portal to hold customer's details, monitor their transaction and used same to offer better and improve services to them.
- **Group Booking/Event Management**: Allows the customer to book space for a group in the case of weddings or corporate meetings.

Scope of Work-

This project traverses a lot of areas ranging from business concept to computing field, and required to perform several researches to be able to achieve the project objectives.
The area covers include:

- Carrental industry: This includes study on how the car rental business is being done, process involved and opportunity that exist for improvement.
- Jsp Sevlet Technology used for the development of the application.
- General customers as well as the company's staff will be able to use the system effectively.
- Web-platform means that the system will be available for access 24/7 except when there is a temporary server issue which is expected to be minimal.

Operating Environment Hardware and Software-

Hardware Requirement:

Processor	I5 processor
Hard disk	512GB
RAM	4GB
Monitor	VGA/SVGA/Color Monitor
Other Hardware	Keyboard, Mouse, Printer, etc.

Software Requirement:

Operating System	Windows 10
Front End	JAVA(J2EE), HTML CSS, JavaScript, Bootstrap
Back End	MySQL

Detail Description of Technology Used-

● Technologies to be used:

Java virtual machine and JDK servlet.

My-SQL queries.

2. PROPOSED SYSTEM-

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduce the manual work.

- Security of data.
- Ensure data accuracy.
- Proper control of higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

Objectives of System-

- To develop a web based system that will help manage the business transactions of car renting.
- To help in advertising the car rental services of a company, through the availability of the system online.
- To develop a simple and secure system that protects clients information and confidential information of the organization.
- To design a user friendly system that enables client check for availability of vehicle and book or reserve a vehicle online.
- To design a system that enables clients pay their car rent online.
- To develop a system that stores bookings and reservation information as well as payment history to help the organization keep track of transactions.

Feasibility study

Preliminary investigation examine project feasibility, the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All system is feasible if they are unlimited resources and infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

- Technical Feasibility
- Operation Feasibility
- Economical Feasibility

- **Technical Feasibility**

- The technical issue usually raised during the feasibility stage of the investigation includes the following:
- Do the proposed equipments have the technical capacity to hold the data required to use the new system?

- Will the proposed system provide adequate response to inquiries, regardless of the number or location of users?
- Are there technical guarantees of accuracy, reliability, ease of access and data security?

- **Operational Feasibility**

Proposed projects are beneficial only if they can be turned out into information system. That will meet the organization's operating requirements. Operational feasibility aspects of the project are to be taken as an important part of the project implementation. Some of the important issues raised are to test the operational feasibility of a project includes the following: -

- Is there sufficient support for the management from the users?
- Will the system be used and work properly if it is being developed and implemented?
- Will there be any resistance from the user that will undermine the possible application benefits?

- **Economical Feasibility**

- A system can be developed technically and that will be used if installed must still be a good investment for the organization. In the economical feasibility, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs.

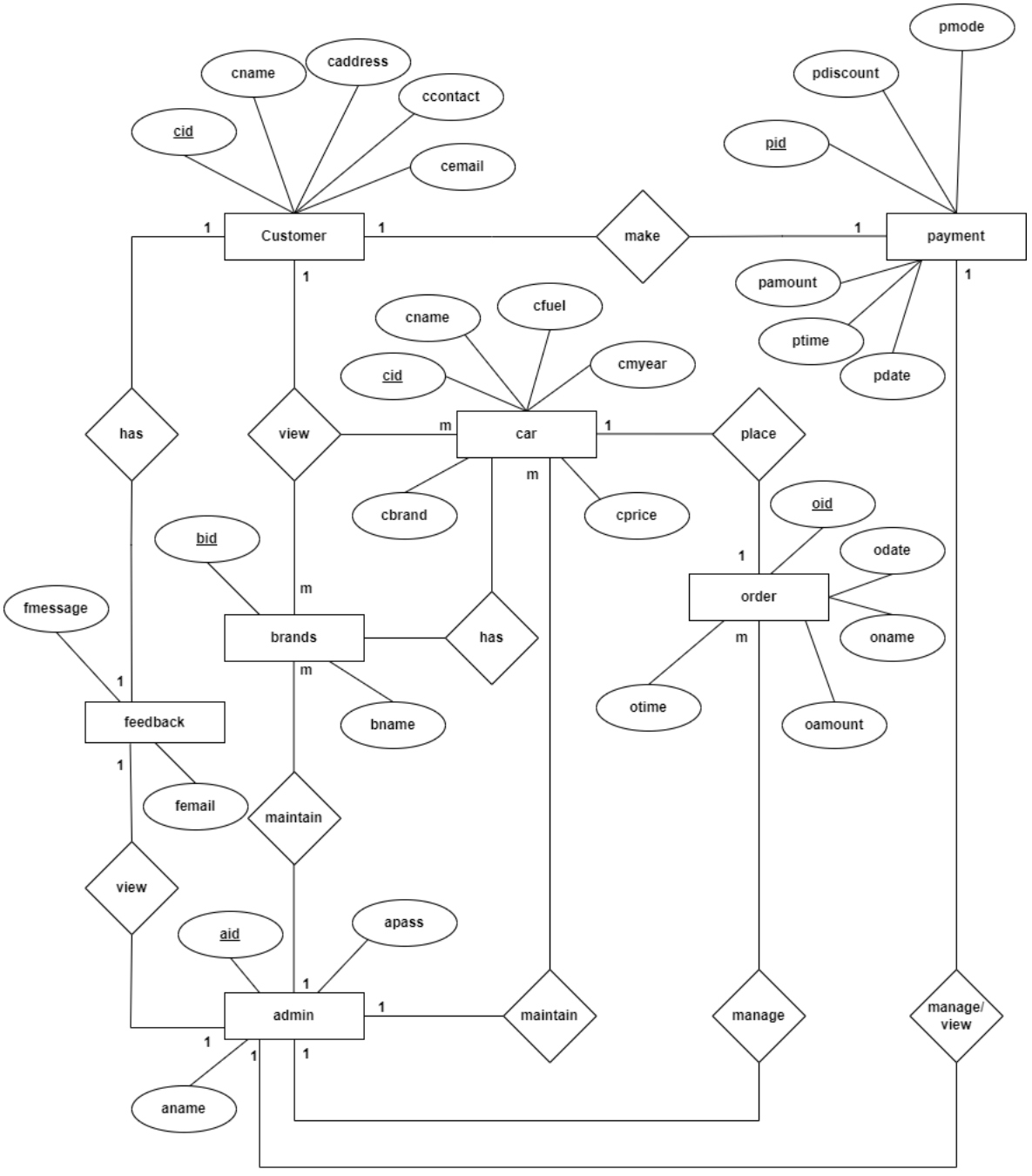
Advantages of system

- First the customer has to make a reservation and later on in the process has to do registration.
- Second if the customer had already registered himself then he can continue booking in his own account by giving his customer id or mail id.
- Thirdly, the customer can amend details or update his details.
- Maintenance is easy and performance is good
- It is easy to use and understand.
- It reduce the time complexity.

3. Analysis and Design-

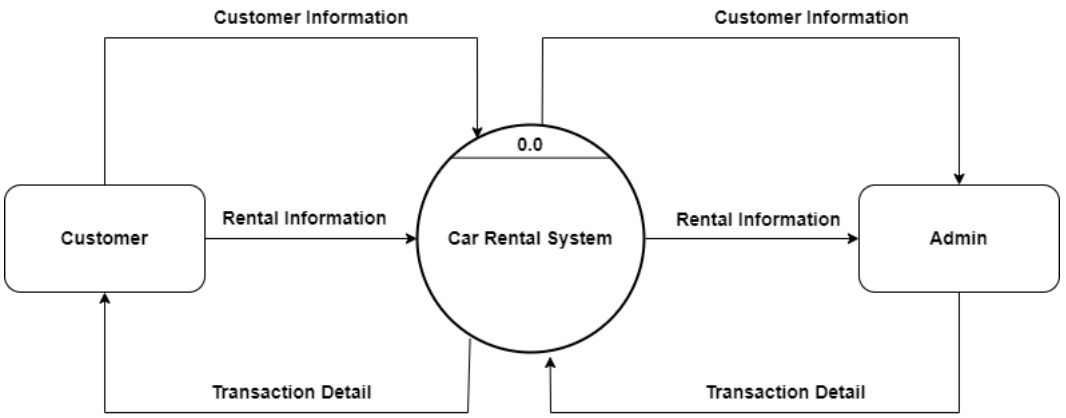
Diagrams –

1) ER Diagram-

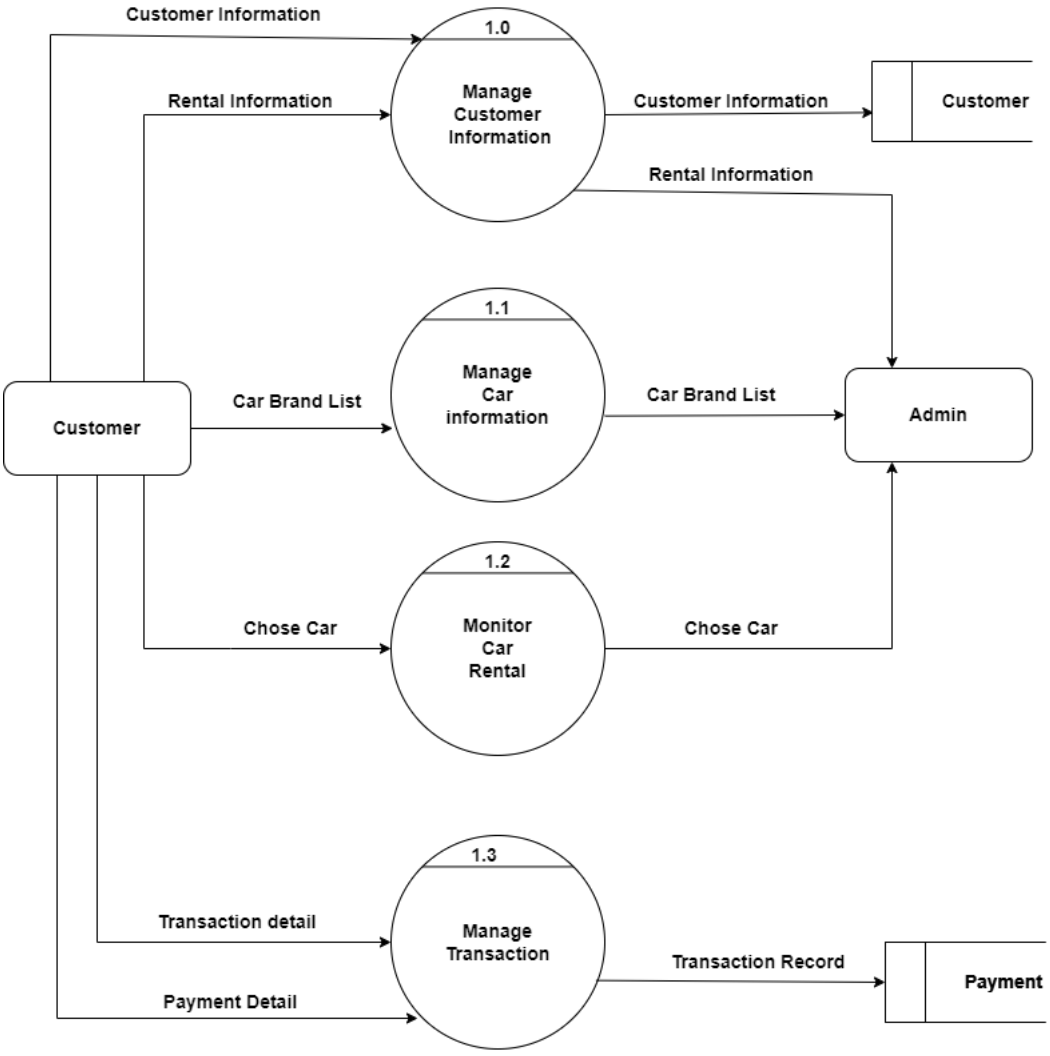


2) DFD (Data Flow Diagram)-

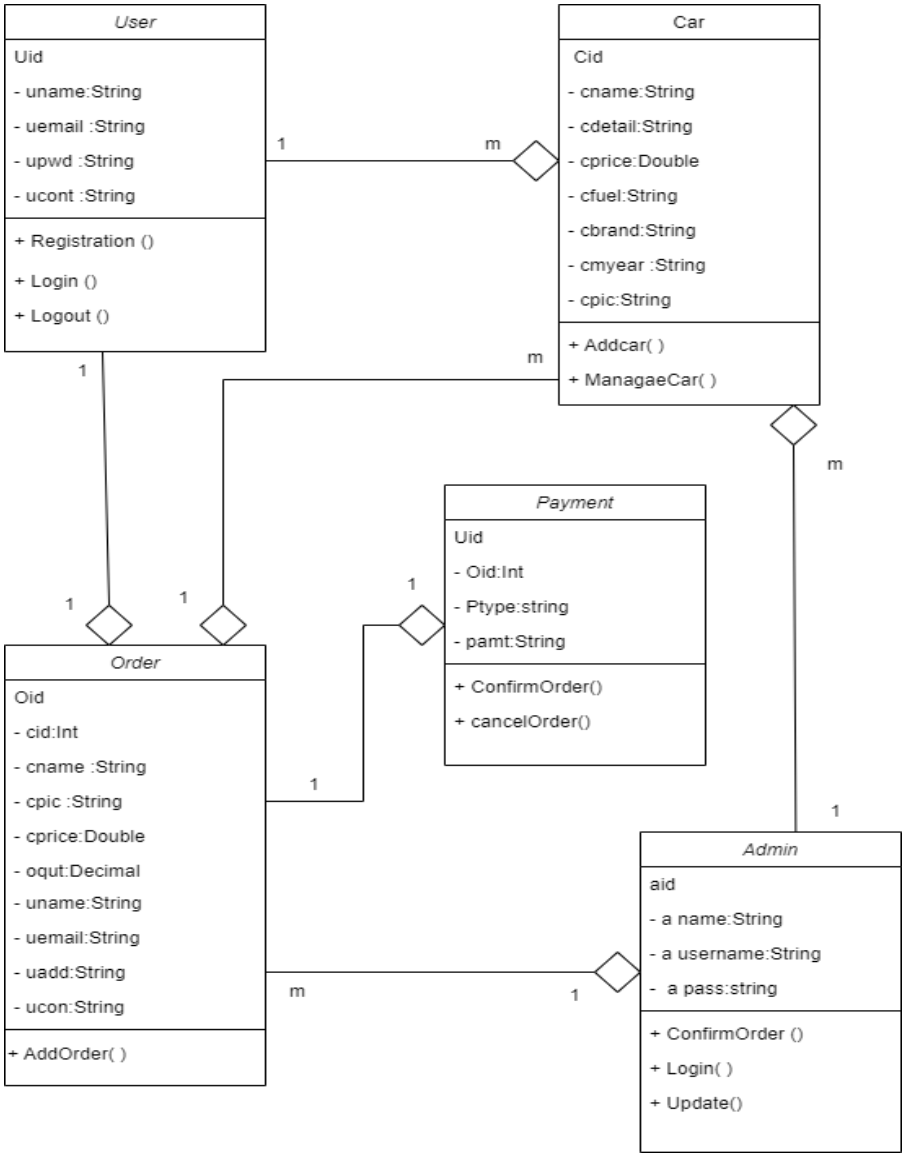
I) Context Level



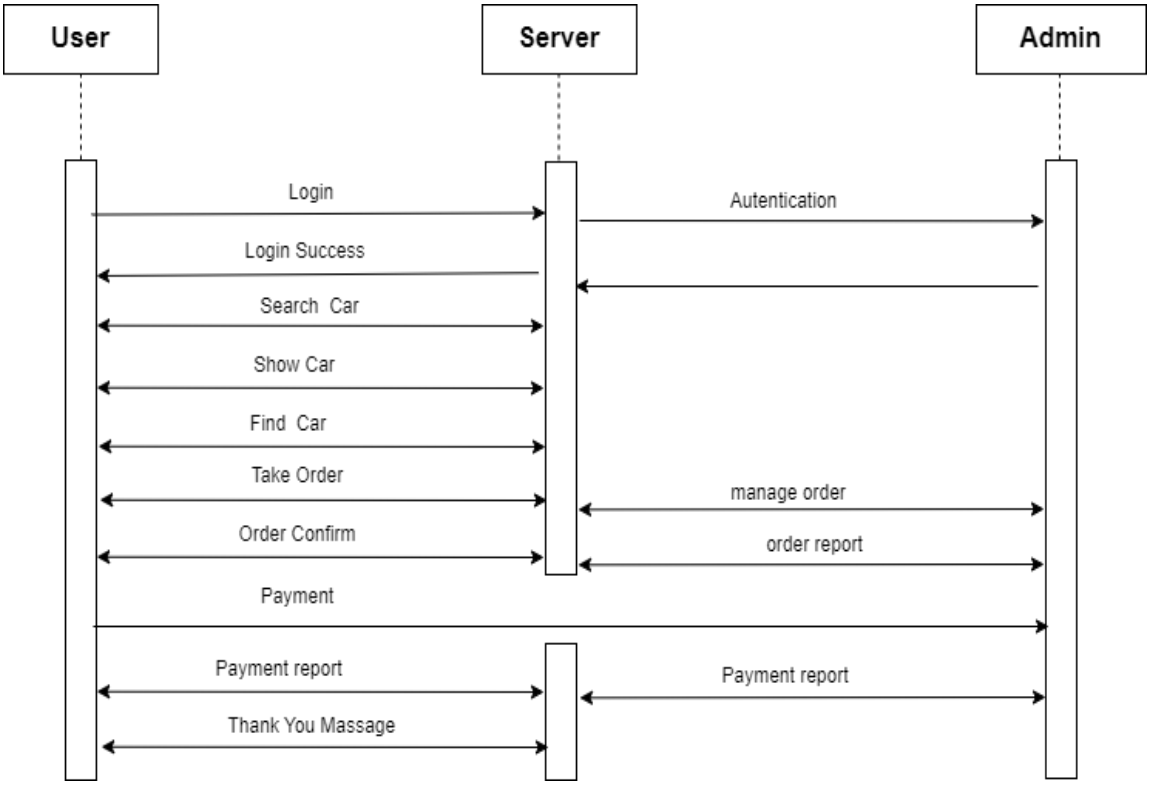
II) First Level



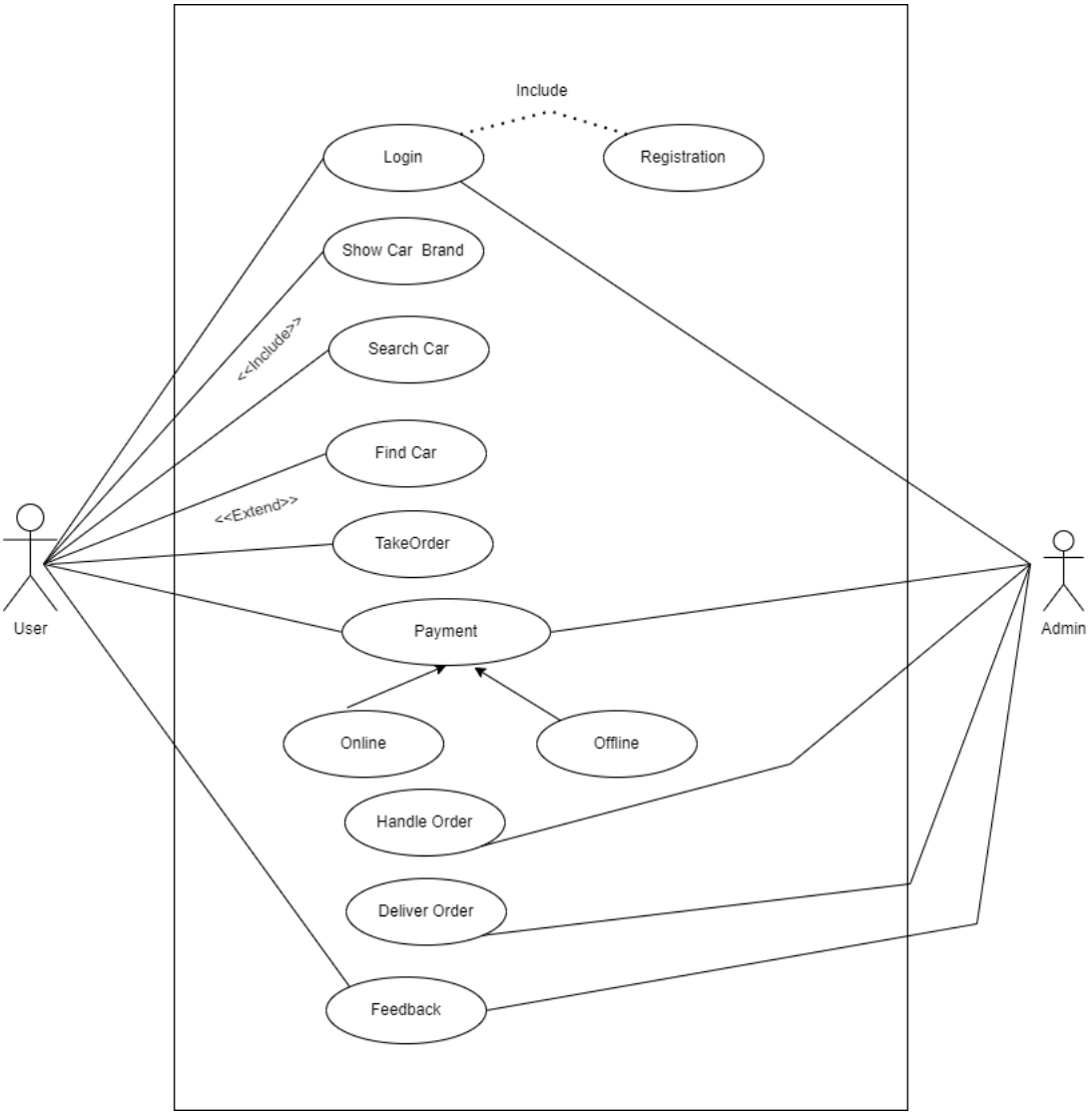
III) Class Diagram-



IV) Sequence Diagram-



V) Use Case Diagram-



VI) Activity Diagram-

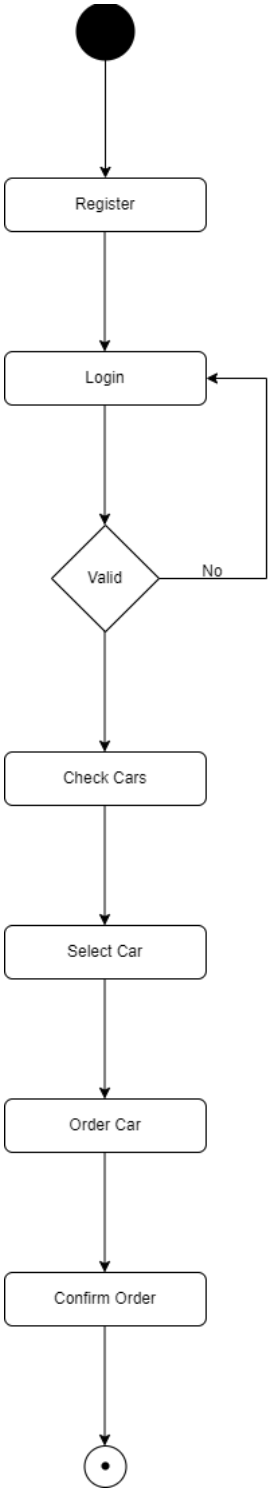


TABLE SPECIFICATION-

Table name:-User

Sr.no	Attribute	Data types	Key
1	User Id	Int	Primary key
2	Name	Varchar(255)	
3	Address	Varchar(255)	
4	Contact	Varchar(255)	
5	Email	Varchar(255)	

Table Name:- Brand

Sr.no	Attribute	Data type	key
1	**Brand id**	**Int**	**Primary key**
2	**Brand Name**	**Varchar(255)**	

Table name:-Car

Sr.no	Attribute	Data type	key
1	Car id	Int	Primary key
2	Car Name	Varchar(255)	
3	Car Fuel	Varchar(255)	
4	Car model year	Varchar(255)	
5	Car Price	Double(255)	
6	Car Brand	Varchar(255)	

Table name:-Order

Sr.no	Attribute	Data type	key
1	Order id	Int	Primary key
2	Order date	Varchar(255)	
3	Order name	Varchar(255)	
4	Order Amount	Varchar(255)	
5	Order Time	Varchar(255)	

Table Name:-Payment

Sr.no	Attribute	Data type	Key
1	Payment Id	Int	Primary Key
2	Order Id	Int	Foreign Key
3	Payment amount	Varchar(255)	
4	Payment time	Varchar(255)	
5	Payment Date	Varchar(255)	
6	Payment Discount	Number	

Table name:-Feedback

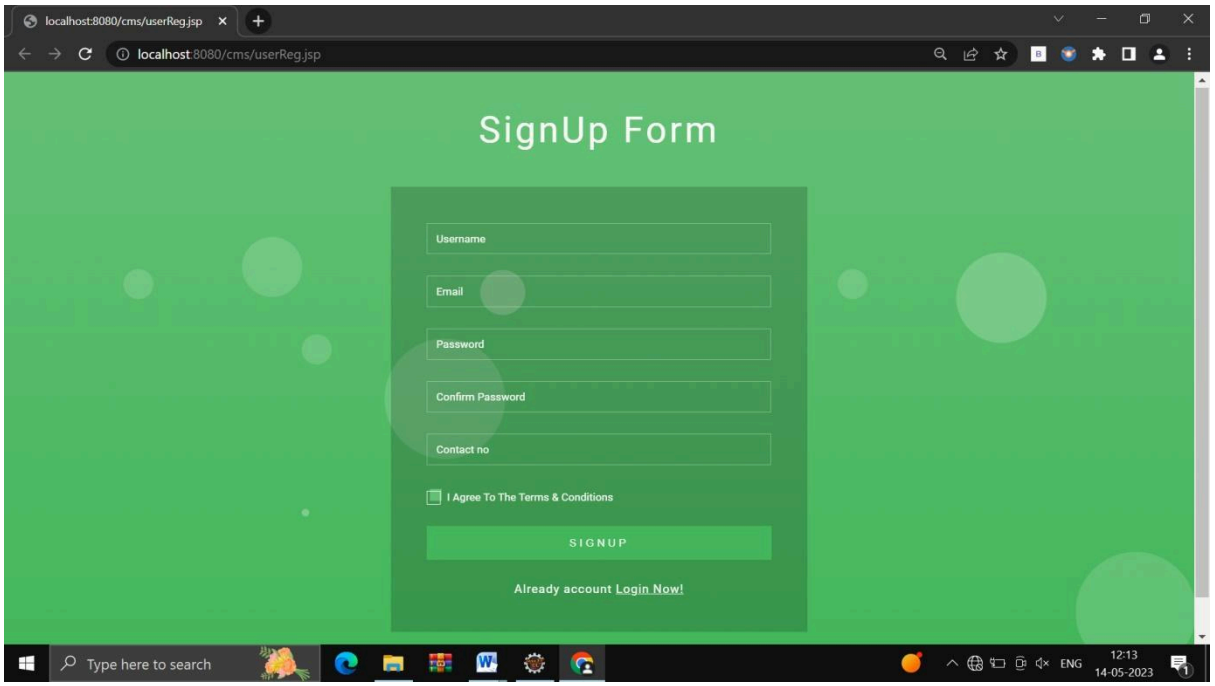
Sr.no	Attribute	Data type	Key
1	Feedback Id	Int	Primary key
2	Feedback Message	Varchar(255)	
3	Feedback Email	Varchar(255)	

Table name:-Admin

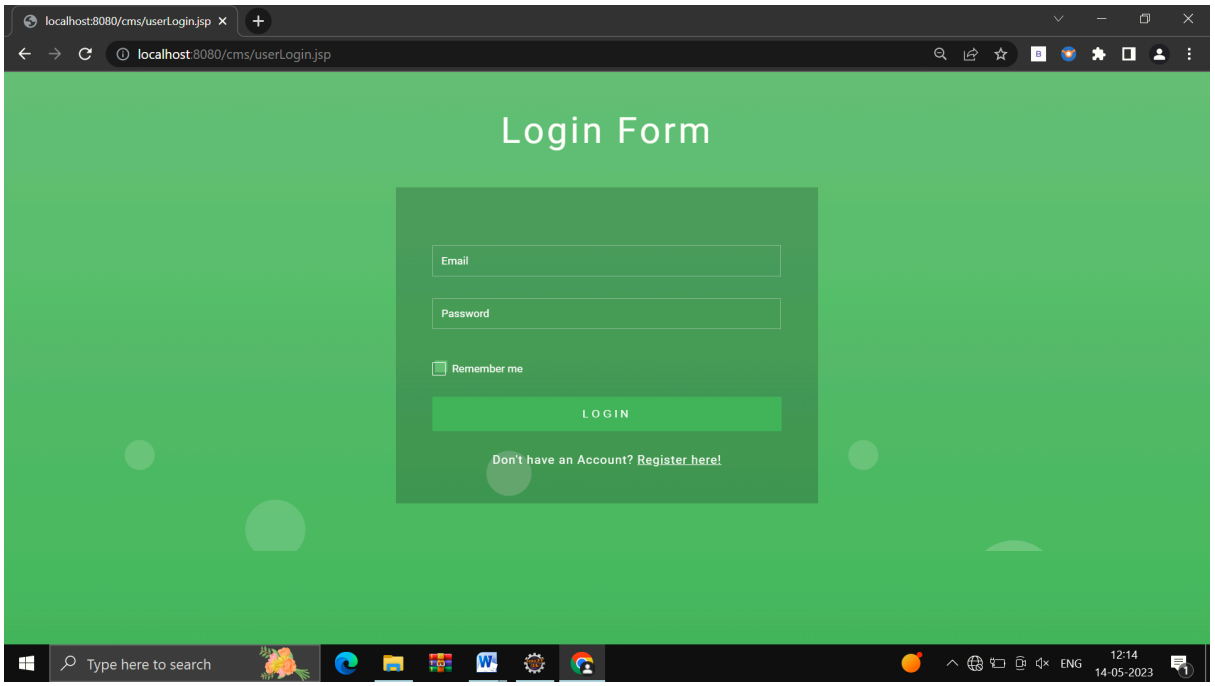
Sr.no	Attribute	Data type	Key
1	Admin Id	Int	Primary key
2	Admin Username	Varchar(255)	
3	Admin Password	Varchar(255)	

User Interface (Screenshots) –

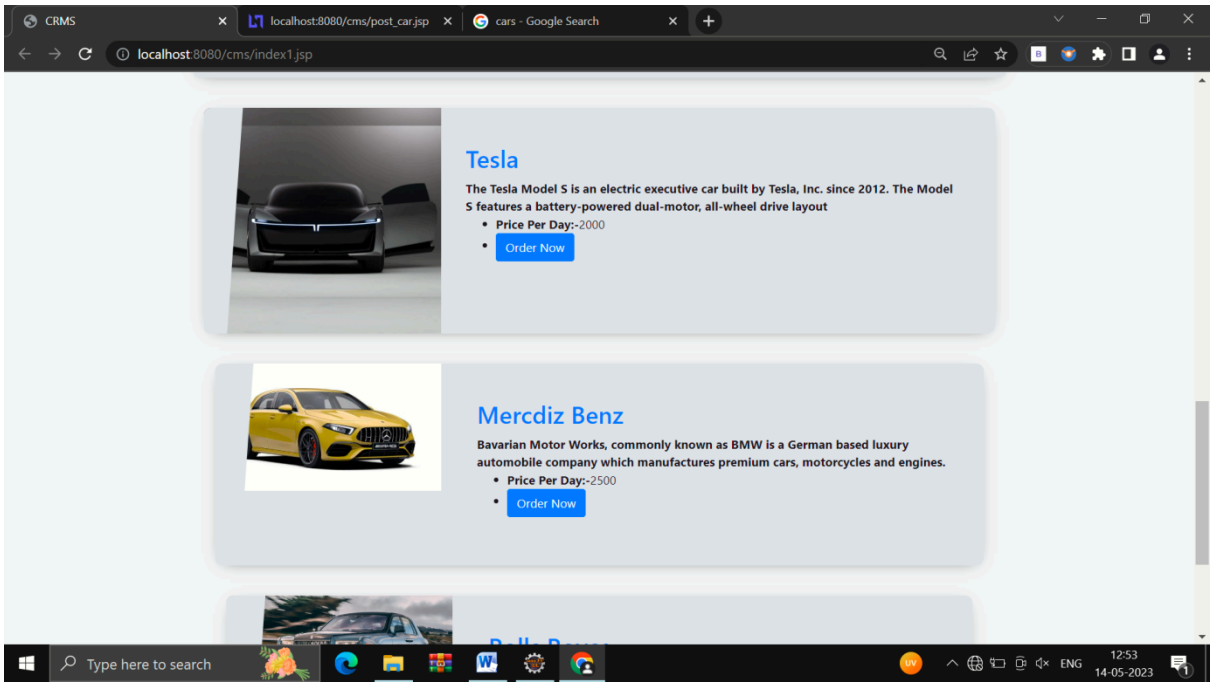
Registration:



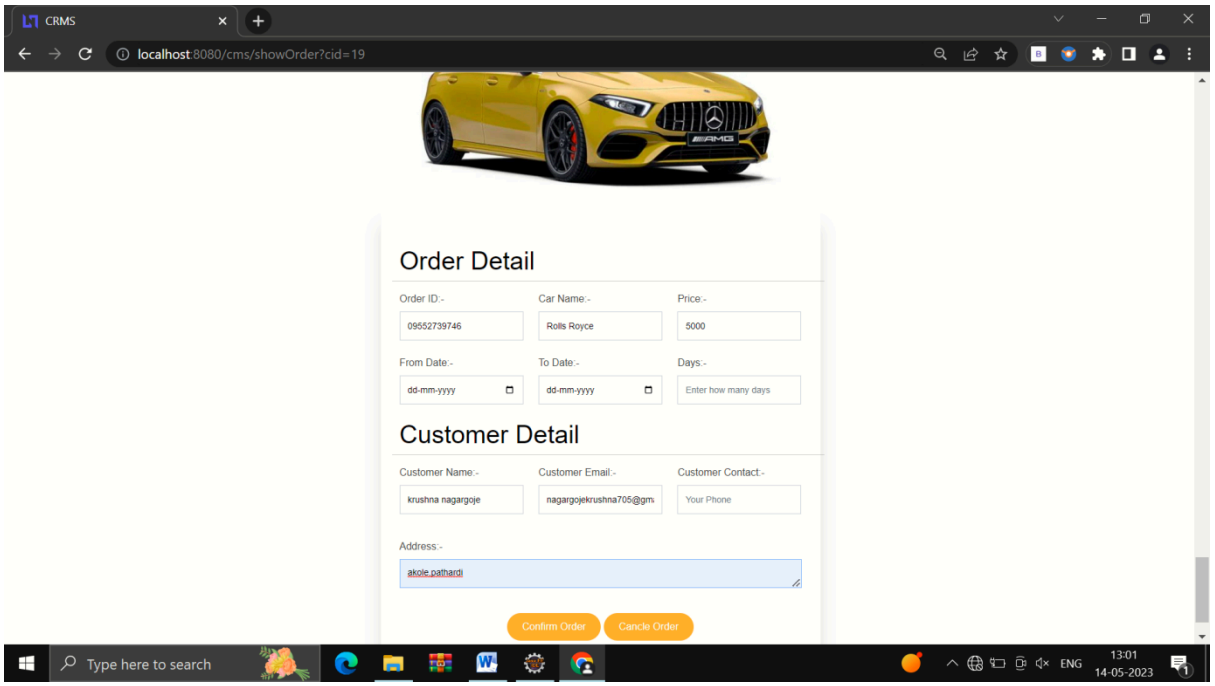
User/Admin Login:



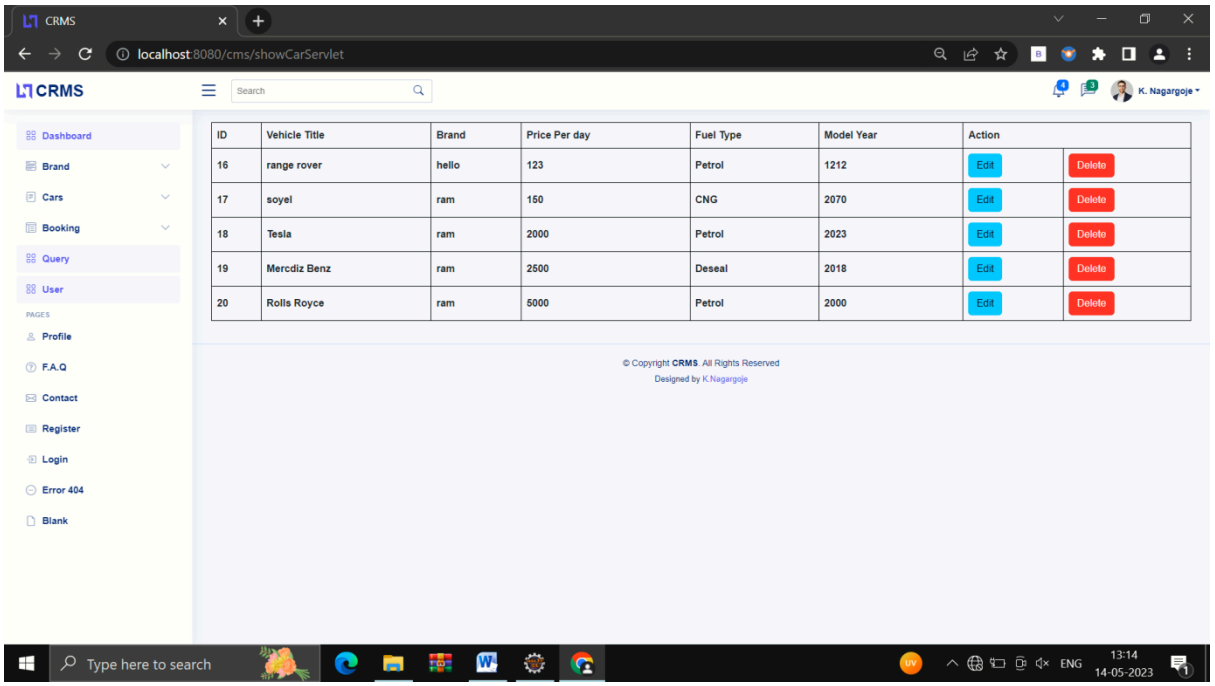
Search Car:


CRMS
localhost:8080/cms/post_car.jsp
cars - Google Search
localhost:8080/cms/index1.jsp
Tesla
The Tesla Model S is an electric executive car built by Tesla, Inc. since 2012. The Model S features a battery-powered dual-motor, all-wheel drive layout
Price Per Day:-2000
Order Now
Mercdiz Benz
Bavarian Motor Works, commonly known as BMW is a German based luxury automobile company which manufactures premium cars, motorcycles and engines.
Price Per Day:-2500
Order Now
Type here to search
ENG
12:53
14-05-2023

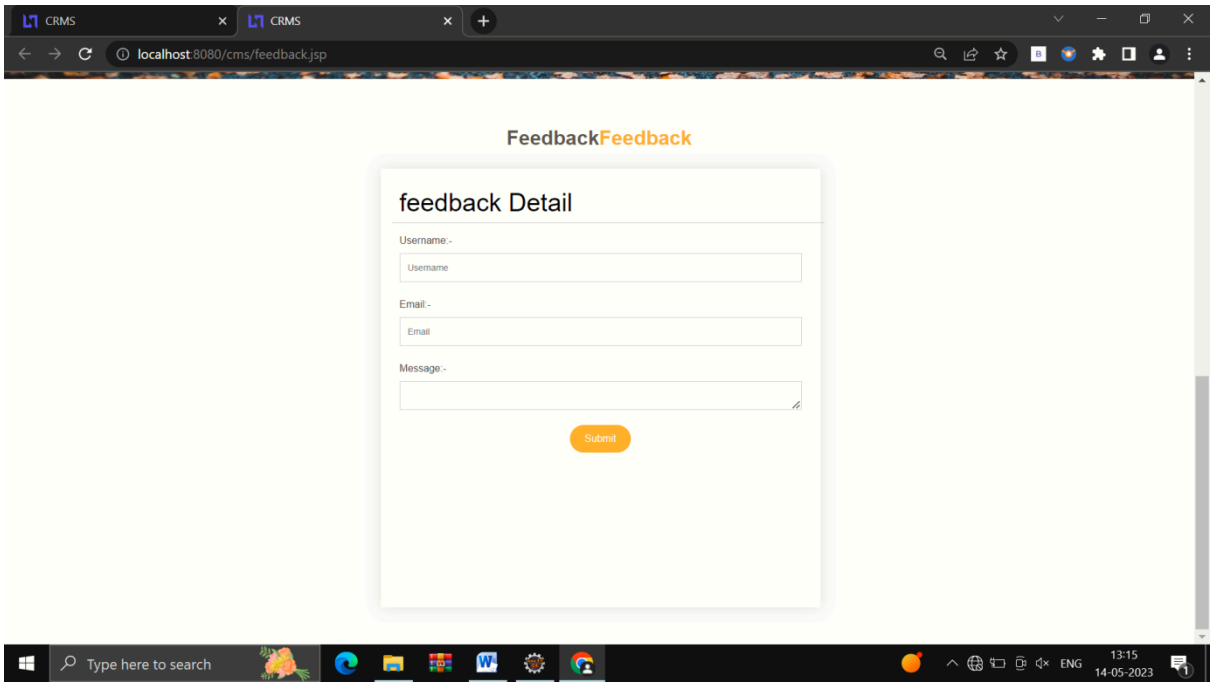
Order Car:


CRMS
localhost:8080/cms/showOrder?cid=19
Order Detail
Order ID:-
09552739746
Car Name:-
Rolls Royce
Price:-
5000
From Date:-
dd-mm-yyyy
To Date:-
dd-mm-yyyy
Days:-
Enter how many days
Customer Detail
Customer Name:-
krushna nagargoje
Customer Email:-
nagargojekrushna705@gm
Customer Contact:-
Your Phone
Address:-
akole pathardi
Confirm Order
Cancle Order
Type here to search
ENG
13:01
14-05-2023

All Car Order :



Feedback:-


CRMS
CRMS
localhost:8080/cms/feedback.jsp
FeedbackFeedback
feedback Detail
Username:-
Username
Email:-
Email
Message:-
Submit
Type here to search
ENG
13:15
14-05-2023

4. User Manual –

Limitations of project on Car Ordering System

Consider efforts have made the software easy to operate even for the people not related to the field of computer but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his inconvenience in working with the software.

Excel export has not been developed for Car Order due to some critically.

The transactions are executed in off-line mode hence online data for Customer, Order status capture and modification is not possible.

Off-line reports of Car, Coupon's, Customer cannot be generated due to batch mode execution.

Conclusion –

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful a package in satisfying all the requirement of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimate made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

A description of background and context of the project and its relation to work already done in the area.

Made statement of the aims and objectives of the project.

The description of Purpose, Scope and applicability.

We designed interface and security issues related toy system.

Finally, the system is implemented and tested according to test cases.

Scope of project –

In computer system the person has to fill the various forms and number of copies of the forms can be easily generated at a time.

In computer system it not necessary to create the manifest but we can directly print it, which saves our time.

To assist the staff in capturing the effort spent on their respective working areas.

It satisfies the user requirement.

Be easy to operate.

Have a good user interface.

Be expandable.

Delivered on schedule within the budget.

Bibliography –

www.google.com

www.w3schools.com

www.javatpoint.com

www.stackoverflow.com

References –

This refers to the book, which were gone through by me for completion of this project.

Sql server.



JANSHAKTI

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(Affiliated to Savitribai Phule Pune University,Pune)



Savitribai Phule Pune University

Academic Year 2022-23

A
PROJECT REPORT ON

"Employee Record Management System"

Submitted By

1. **Ashutosh Satish Kale .**
2. **Rutik Dillip Kale .**

Abasaheb Kakade Art's and Science College Bodhegaon

Under the guidance of

Prof.A.A.Sapkal

Project Guide

Abasaheb Kakade Art's and Science College Bodhegaon

Department Of Bachelor of Computer Application

CERTIFICATE

This is to certify the

1. **Ashutosh Satish Kale .**
2. **Rutik Dilip Kale .**

Of sixth semester of Bachelor of Computer Application of Institute Abasaheb Kakade Art's and Science College Bodhegaon has successfully completed the final project in the subject

'Employee Record Management System -'

for Academic year 2022-23 as prescribed in the curriculum.

Prof.B.A.CHEDE **Dr.M.K.Fesale**

HOD Dept. BCA **Principal**

Internal **External**

ACKNOWLEDGEMENT

A project is a job of greate normity and it can ‟be accomplished by an individual all by them. Eventually, we are grateful to severa individuals whose professional guidance, assistance and encouragement have made it a pleasant endevour to undertake is project.

It gives us great pleasure in expressing our expense of gratitude to our respected Founder Chairman**,** for having provided us with great in restructure and well-furnished labs.

We take this opportunity to express our profound gratitude to our respected Principal **Dr.M.K.Fesale** for his support. We are grateful to the Head of the Department **Prof.B.A.Chede** for his sunfailing encouragement and suggestion given to us during our project work.

Guidance and deadlines play a very important role in successful completion of the project on time. We also convey our gratitude to our internal project guide, **Prof.A.A.Sapkal , for** having constantly guided and the development of the project.

Finally a note of thanks to the Department of Bachelor of Computer Application, both teaching and non-teaching staff for the in co-operation extended to us. We thank our parents for the inconstant support and encouragement. Last,but not the least, we would like to thank our peers and friends.

PROJECT GROUP

1. **Asshutosh Satish Kale.**
2. **Rutik Dilip Kale .**

Place:

Date: / 05/2023

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INTRODUCTION & OBJECTIVE

Employee Record Management system is a database which keeps the record of all the

details pertaining to employees in an organization.

Organizations have always had to collect and use personal information from and about employees to comply with tax and other laws, to administer benefits, to operate their businesses.

The objective of the project is to improve and enhance the “Employee Record Management system” module available in IDRBT’s intranet for deployment on virtualized server.

The same could not be migrated to the virtualized environment owing to incompatibility of the existing code with the virtualized environment.

SOFTWARE AND HARDWARE SPECIFICATIONS

HARDWARE REQUIREMENTS:

Processor	:	Intel P-IV based system
Processor Speed	:	2.0. GHz
RAM	:	1GB
Hard Disk	:	40GB to 80GB

SOFTWARE REQUIREMENTS:

Database	:	MySQL
Server	:	Apache
Frontend	:	HTML
Scripting language	:	Java Script
IDE	:	Sublime
Technology	:	PHP

Project Scope

The scope of the project is to store and access the database consisting of employee's personal details and the database can be shared with the concerned department to complete joining formalities

We can also store and access the database consisting of program details.

Project Deliverables

We can store the employee's personal details and experience for internal accessibility.

Project Overview

Employee Record Management System project used to manage the data of the employees such as personal details, education details, work exp etc. This project will reduce the paper work of the company . Through this project company can manage all data online.

Employee Record Management System project divided in two modules :

- User Module
- Admin Module

User Module

- User can register himself.
- User login
- User password recovery.
- User can add / edit own work experience details
- User can add / edit own education details.
- User can edit own profile.
- User can update own password.
- Logout

Admin Module

- Admin Login
- Admin can manage all employee records.
- Admin can update / edit user personal details/ work exp. details / Education.
- Admin can update own profile
- Change password
- Logout

FEASIBILITY STUDY

At this stage, the analyst estimates the urgency of the project and estimates the development cost. In feasibility analysis, we have

1) Technical Feasibility:

Technical feasibility is concerned with the availability of hardware and software required for the development of the system, to see compatibility and maturity of the technology proposed to be used and to see the availability of the required technical manpower to develop the system.

After the study we came to conclusion that we proceed further with the tools and development environment chosen by us. This was important in our case as we were working on two various phases of the department that will need to be integrated in future make an extended system.

2) Operational Feasibility:

Operational feasibility is all about problems that may arise during operations. There are two aspects related with this issue:

- What is the probability that the solution developed may not be put to use or may not work?
- What is the inclination of the management and end users towards the solution? Though, there is very least possibility of management being averse to the solution, there is a significant probability that the end users may not be interested solution due to lack of training, insight etc. using the

3) Economic Feasibility:

It is the measure of cost effectiveness of the project. The economic feasibility is nothing but judging whether the possible benefit of solving the problems is worthwhile of not. At the feasibility study level, it is impossible to estimate the cost because member's requirements and alternative solutions have not been identified at this stage. However, when the specific requirements and solutions have been identified, the analyst weighs the cost and benefits of all solutions, this is called "cost benefit analysis

System Development Environment

1. HTML

WHAT IS HTML?

To publish information for global distribution, one needs a university-understood language, a kind of publishing mother tongue that all computers may potentially understand. The publishing language used by the World Wide Web is HTML (Hyper Text Markup Language)

HTML Gives Authors the Means To

1. Publish online documents with headings, text, tables, list, photos etc.
2. Retrieve online information via hypertext links, at the click of a button
3. Design forms for conducting transactions with remote services, for use in searching information, making reservation, ordering products etc.;
4. Includes spreadsheets, video clips, sound clips, and other applications directly in the documents.
5.

Some HTML Tags

<HTML> :Starting an HTML tag

<HEAD> : Creating a web page's head

<TITLE> : Giving a web page 's body

</HEAD> : Ending a web pages head

</BODY> : Ending a web pages body

</HTML> :Ending a web page

<FORM> : Creating a HTML forms

<INPUT TYPE=BUTTON> : Creating a buttons

<INPUT TYPE=CHECKBOX> : Creating a checkboxes

<INPUT TYPE=SUBMIT> : Creating a submit button

<INPUT TYPE=TEXT> : Creating a text fields

HTML 4.0

HTML 4.0 extends with mechanisms for style sheets, scripting, frames embedding objects, improved support for right to left and mixed direction texts, richer tables and enhancements to form, offering improved accessibilities for people with disability.

2. INTRODUCTION TO JAVA

SCRIPT WHAT IS JAVA SCRIPT?

JavaScript, originally supported by Netscape Navigator, is the most popular Web scripting language today. JavaScript lets you embed programs right in your Web pages and run these programs using the Web browser. You place these programs in a <SCRIPT> element. If you want the script to write directly to the Web page, place it in the <BODY> element.

EX:
```
<HTML>
  <HEAD>
    <TITLE></TITLE>
  </HEAD>
 <BODY>
   <SCRIPT LANGUAGE=”JavaScript”>
   </SCRIPT>
 </BODY></HTML>
```

JAVASCRIPTS OBJECTS

JavaScript is an object-oriented language. JavaScript comes with a number of predefined objects.

Objects of the JavaScript

1. Document: Corresponds to the current Web page's body. Using this object, you have access to the HTML of the page itself, including the all links, images and anchors in it.
2. Form: Holds information about HTML forms in the current page.
3. Frame: Refers to a frame in the browser's window.
4. History: Holds the records of sites the Web browser has visited before reaching the current page.
5. Location: Holds information about the location of the current web page.
6. Navigator: Refers to the browser itself, letting you determine what browser the user has.
7. Window: Refers to the current browser window.

JAVASCRIPTS EVENTS

Some of the events of JavaScript

1. on Change: Occurs when data in a control, like a text field, changes.
2. on Click: Occurs when an element is clicked.
3. on Focus: Occurs when an element gets the focus.
4. on Mouse Down: Occurs when a mouse button goes down.
5. on Reset: Occurs when the user clicks the reset button.

JAVASCRIPTS FUNCTIONS

Declaration of function

Syntax: function function name ()

```
{
  …
  …
}
```

Write these functions in <SCRIPT> tag.

3.RDBMS CONCEPTS

1. DATA ABSTRACTION

A major purpose of a database system is to provide users with an abstract view of the data. This system hides certain details of how the data is stored and maintained. However in order for the system to be usable, data must be retrieved efficiently. The efficiency lead to the design of complex data structure for the representation of data in the database. Certain complexity must be hidden from the database system users. This accomplished by defining several levels of abstraction at which the database may be viewed.

2. CLASSIFICATION OF DATABASE

There are 3 types of database approaches given below,

a. Hierarchical Database:

In this type of model data is represented in simple tree structured. The record at the top of three is known as root, the root may have any number of dependents. Each of these may have any number of low level dependents and so on up to any number of levels. The disadvantages of the approach are that no independent record occurrence can exist without it's superior.

b. Network Database:

In a Network database, data is represented by Network structure. In this approach record occurrence can have any number of superiors as well as any number of immediate dependents thus allow many to many correspondence directly than an hierarchical approach. The main disadvantage of the Network model is data representation is very complex resulting in complexity of the DML (Data Manipulation Language).

c. Relational Database:

The Relational model represents data and relationships among data by a collection of tables each of which has a number of columns with unique names.

4.THE SQL LANGUAGE

SQL is a language for relational database. SQL is a non-procedural i.e., when we use SQL we specify what we want to be done not how to do it.

Features of SQL

a. SQL is an interactive query language.
b. SQL is a database administration language.
c. SQL is a database programming language.
d. SQL is a client/server language.
e. SQL is a distributed database language.
f. SQL is a database gateway language.

Basic SQL Commands

- ✔ Data Definition Language commands (DDL)
- ✔ Data Manipulation Language commands (DML)
- ✔ Transaction Control Language commands (TCL)
- ✔ Data control Language commands (DCL)

5.PHP

PHP is an acronym for "PHP: Hypertext Preprocessor"
PHP is a widely-used, open source scripting language
PHP scripts are executed on the server
PHP is free to download and use

What is a PHP File?

PHP files can contain text, HTML, CSS, JavaScript, and PHP code
PHP code are executed on the server, and the result is returned to the browser as plain HTML
PHP files have extension ".php"

What Can PHP Do?

PHP can generate dynamic page content

PHP can create, open, read, write, delete, and close files on the server
PHP can collect form data
PHP can send and receive cookies
PHP can add, delete, modify data in your database
PHP can be used to control user-access
PHP can encrypt data

With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

Design Document

The entire system is projected with a physical diagram which specifics the actual storage parameters that are physically necessary for any database to be stored on to the disk. The overall systems existential idea is derived from this diagram.

The relation upon the system is structure through a conceptual ER-Diagram, which not only specifics the existential entities but also the standard relations through which the system exists and the cardinalities that are necessary for the system state to continue.

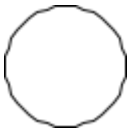
The content level DFD is provided to have an idea of the functional inputs and outputs that are achieved through the system. The system depicts the input and output standards at the high level of the systems existence.

A DFD does not show a sequence of steps. A DFD only shows what the different process in a system is and what data flows between them.

The following are some DFD symbols used in the project

External entities





Process: A transaction of information that resides within the bounds of the system to be module.

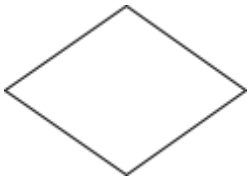


DATASTORE: A repository of data that is to be stored for use by one or more processes, may be as simple as buffer of queue or as a relational database.

ENTITY-RELATIONSHIP Diagrams

E-R (Entity-Relationship) Diagram is used to represents the relationship between entities in the table.

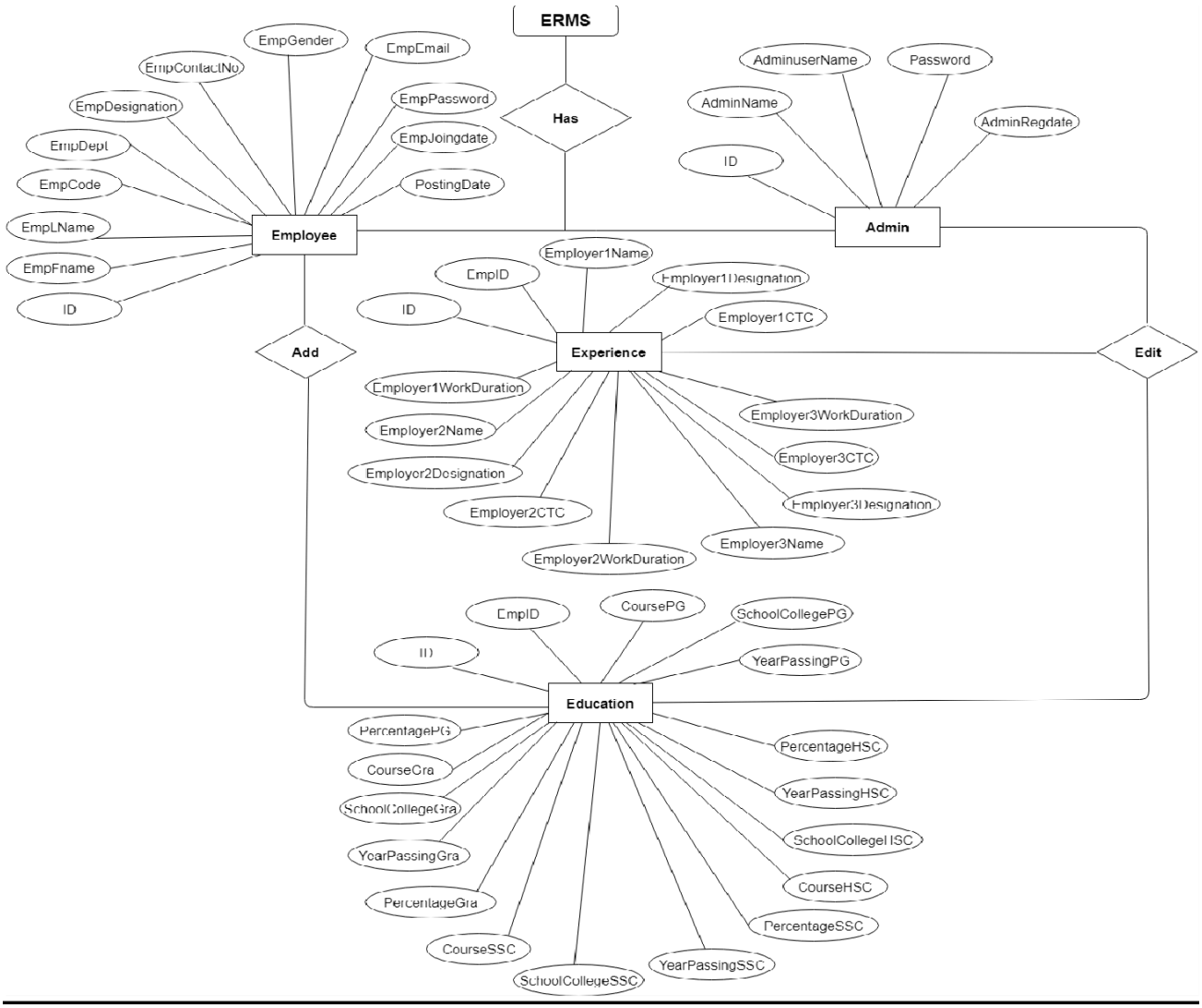
The symbols used in E-R diagrams are:

SYMBOL	PURPOSE
	Represents Entity sets.
	Represent attributes.
	Represent Relationship Sets.

Line represents flow

Structured analysis is a set of tools and techniques that the analyst. To develop a new kind of a system:

The traditional approach focuses on the cost benefit and feasibility analysis, Project management, and hardware and software selection a personal considerations.



RULES FOR DFD:

- Fix the scope of the system by means of context diagrams.

- Organize the DFD so that the main sequence of the actions reads left to right and top to bottom.
- Identify all inputs and outputs.
- Identify and label each process internal to the system with rounded circles.
- A process is required for all the data transformation and transfers. Therefore, never connect a data store to a data source or the destinations or another data store with just a data flow arrow.
- Do not indicate hardware and ignore control information.
- Make sure the names of the processes accurately convey everything the process is done.
- There must not be unnamed process.
- Indicate external sources and destinations of the data, with squares.
- Number each occurrence of repeated external entities.
- Identify all data flows for each process step, except simple Record retrievals.
- Label data flow on each arrow.
- Use details flow on each arrow.
- Use the details flow arrow to indicate data movements.
- There can't be unnamed data flow.
- A data flow can't connect two external entities.

LEVELS OF DFD:

The complexity of the business system means that it is a responsible to represent the operations of any system of single data flow diagram. At the top level, an Overview of the different systems in an organization is shown by the way of context analysis diagram. When exploded into DFD They are represented by:

- LEVEL-0 : SYSTEM INPUT/OUTPUT
- LEVEL-1:SUBSYSTEM LEVEL DATAFLOW FUNCTIONAL

- LEVEL-2: FILE LEVEL DETAIL DATA FLOW.

The input and output data shown should be consistent from one level to the next.

LEVEL-0: SYSTEM INPUT/OUTPUT LEVEL

A level-0 DFD describes the system-wide boundaries, dealing inputs to and outputs from the system and major processes. This diagram is similar to the combined user-level context diagram.

LEVEL-1: SUBSYSTEM LEVEL DATA FLOW

A level-1 DFD describes the next level of details within the system, detailing the data flows between subsystems, which makeup the whole.

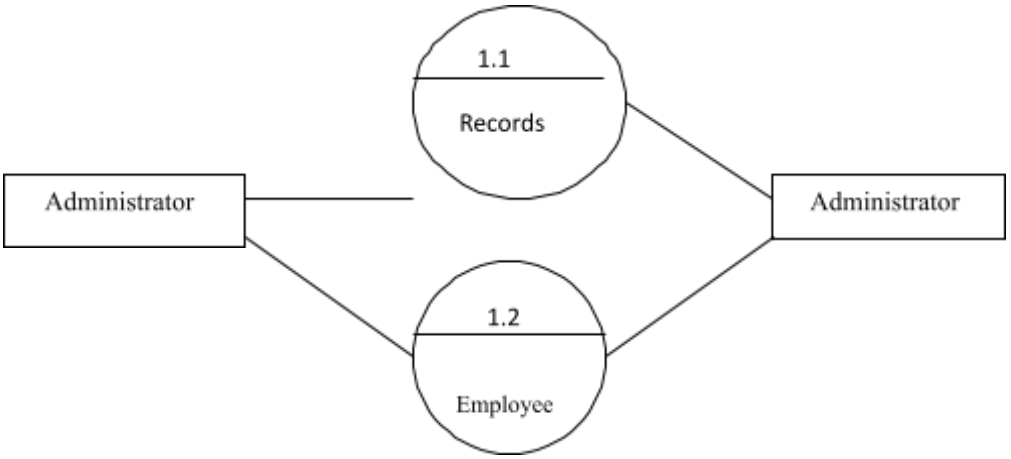
LEVEL-2: FILE LEVEL DETAIL DATA FLOW

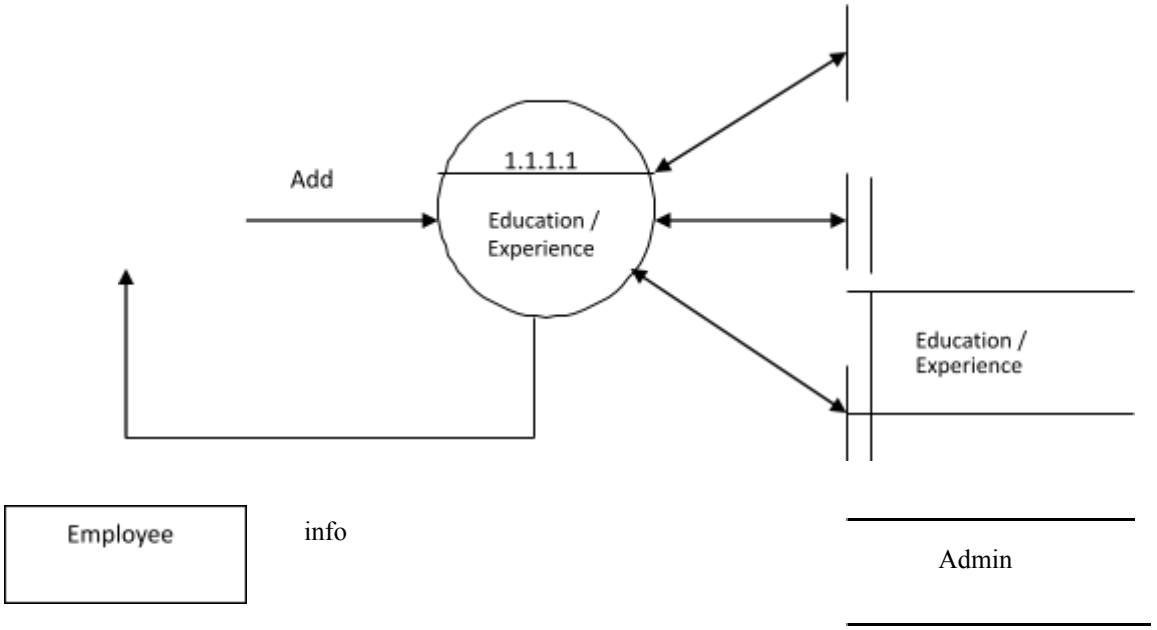
All the projects are feasible given unlimited resources and infinite time. It is both necessary and prudent to evaluate the feasibility of the project at the earliest possible time. Feasibility and the risk analysis are pertained in many ways. If project risk is great.

FIRST LEVEL DTAFLOW DIAGRAM



2nd Level DFDs





2. Unified Modeling Language Diagrams(UML):

- The unified modeling language allows the software engineer to express an analysis model using the modeling notation that is governed by a set of syntactic semantic and pragmatic rules.
- A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagram, which is as follows.

User Model View

i. This view represents the system from the users perspective.

ii. The analysis representation describes a usage scenario from the end-users perspective**.**

Structural model view

In this model the data and functionality are arrived from inside the system.

This model view models the static structures.

Behavioral Model View

It represents the dynamic of behavioral as parts of the system, depicting the interactions of collection between various structural elements described in the user model and structural model view.

Implementation Model View

In this the structural and behavioral as parts of the system are represented as they are to be built.

Environmental Model View

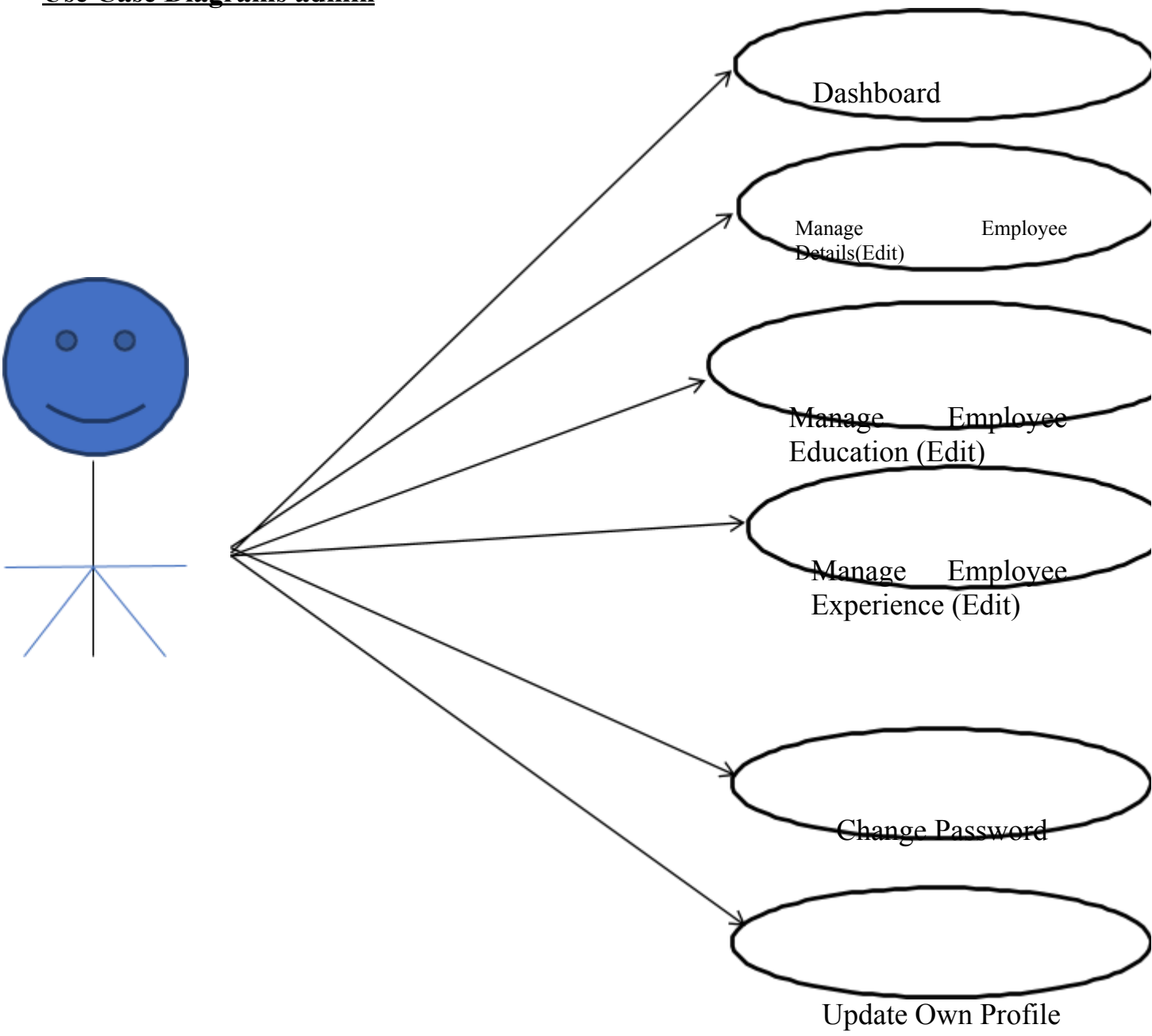
In this the structural and behavioral aspects of the environment in which the system is to be implemented are represented.

UML is specifically constructed through two different domains they are

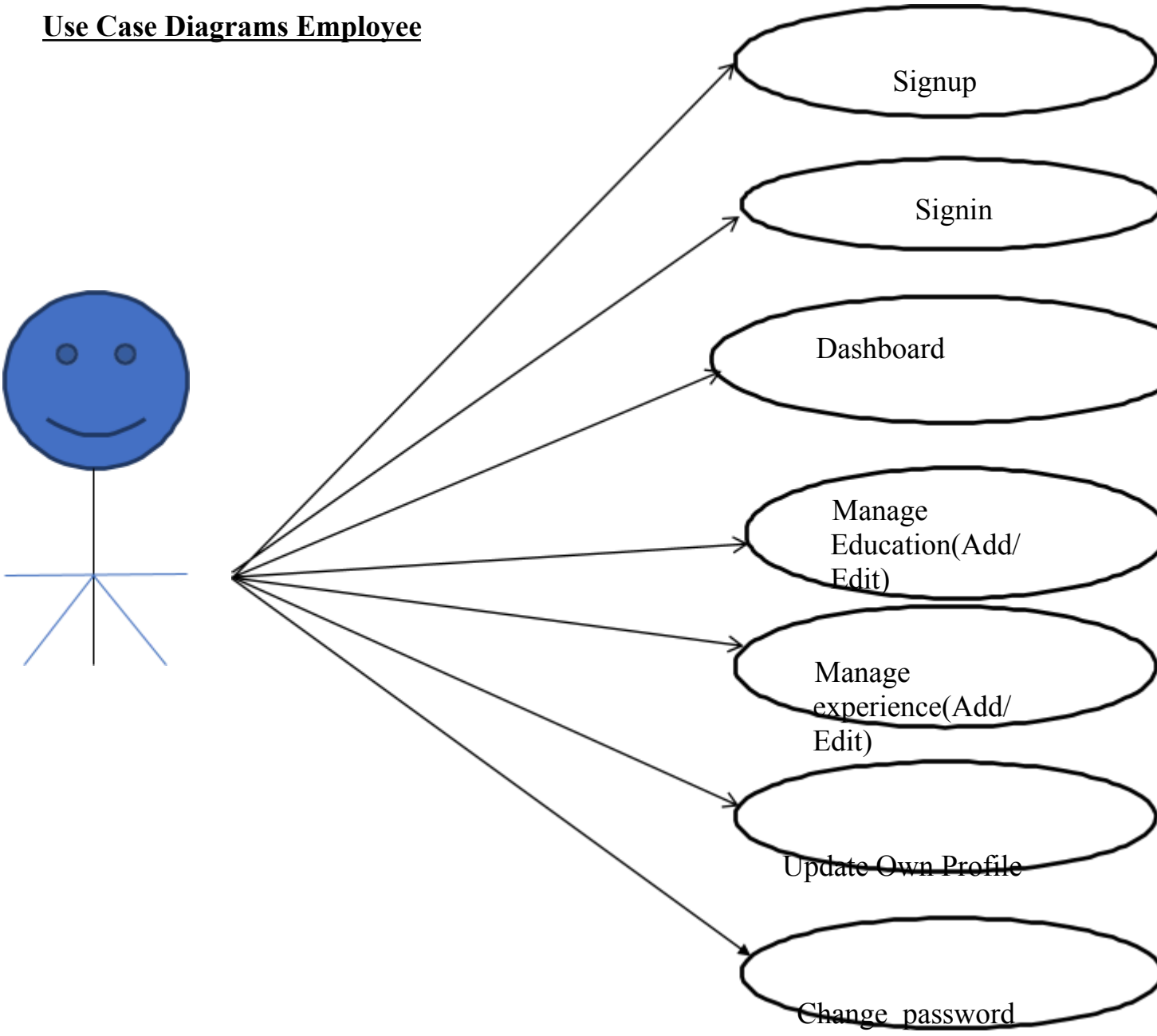
UML Analysis modeling, which focuses on the user model and structural model views of the system?

UML design modeling, which focuses on the behavioral modeling, implementation modeling and environmental model views**.**

Use Case Diagrams admin

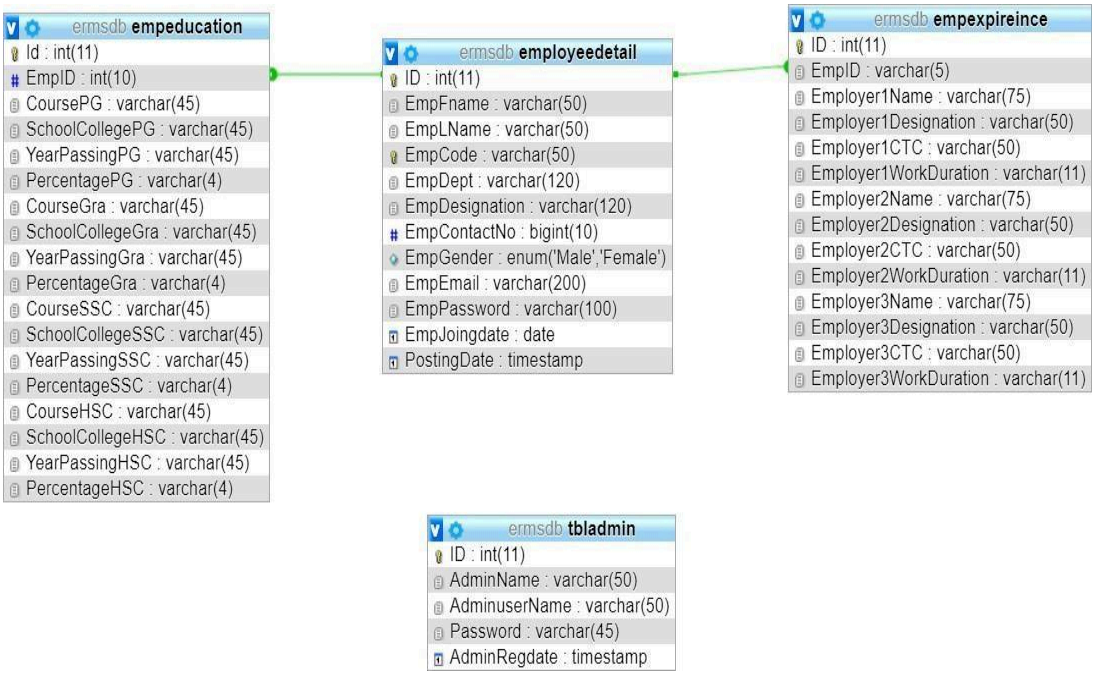


Use Case Diagrams Employee



Class Diagram:

The class diagram shows a set of classes, interfaces, collaborations and their relationships.



DATABASE DESIGN

The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MS Access database has been chosen for developing the relevant databases.

Employee Record Management System (erms) contains 4MySQL tables : tbladmin table Structure : This table store the login details of admin.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	**ID**	int(11)			No	*None*		AUTO_INCREMENT
2	**AdminName**	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
3	**AdminuserName**	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
4	**Password**	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
5	**AdminRegdate**	timestamp			Yes	CURRENT_TIMESTAMP		

employeedetail table Structure : This table store the personal details of the employee.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(11)			No	*None*		AUTO_INCREMENT
2	EmpFname	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
3	EmpLName	varchar(50)	latin1_swedish_ci		No	*None*		
4	EmpCode	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
5	EmpDept	varchar(120)	latin1_swedish_ci		Yes	*NULL*		
6	EmpDesignation	varchar(120)	latin1_swedish_ci		Yes	*NULL*		
7	EmpContactNo	bigint(10)			Yes	*NULL*		
8	EmpGender	enum('Male', 'Female')	latin1_swedish_ci		Yes	*NULL*		
9	EmpEmail	varchar(200)	latin1_swedish_ci		Yes	*NULL*		
10	EmpPassword	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
11	EmpJoingdate	date			Yes	*NULL*		
12	PostingDate	timestamp			No	CURRENT_TIMESTAMP		

empeducation table Structure : This table store the education details of the employee.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	Id	int(11)			No	*None*		AUTO_INCREMENT
2	EmpID	int(10)			Yes	*NULL*		
3	CoursePG	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
4	SchoolCollegePG	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
5	YearPassingPG	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
6	PercentagePG	varchar(4)	latin1_swedish_ci		Yes	*NULL*		
7	CourseGra	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
8	SchoolCollegeGra	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
9	YearPassingGra	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
10	PercentageGra	varchar(4)	latin1_swedish_ci		Yes	*NULL*		
11	CourseSSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
12	SchoolCollegeSSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
13	YearPassingSSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
14	PercentageSSC	varchar(4)	latin1_swedish_ci		Yes	*NULL*		
15	CourseHSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
16	SchoolCollegeHSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
17	YearPassingHSC	varchar(45)	latin1_swedish_ci		Yes	*NULL*		
18	PercentageHSC	varchar(4)	latin1_swedish_ci		Yes	*NULL*		

empexpireince table Structure : This table store the experience details of the employee.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(11)			No	*None*		AUTO_INCREMENT
2	EmpID	varchar(5)	latin1_swedish_ci		Yes	*NULL*		
3	Employer1Name	varchar(75)	latin1_swedish_ci		Yes	*NULL*		
4	Employer1Designation	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
5	Employer1CTC	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
6	Employer1WorkDuration	varchar(11)	latin1_swedish_ci		Yes	*NULL*		
7	Employer2Name	varchar(75)	latin1_swedish_ci		Yes	*NULL*		
8	Employer2Designation	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
9	Employer2CTC	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
10	Employer2WorkDuration	varchar(11)	latin1_swedish_ci		Yes	*NULL*		
11	Employer3Name	varchar(75)	latin1_swedish_ci		Yes	*NULL*		
12	Employer3Designation	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
13	Employer3CTC	varchar(50)	latin1_swedish_ci		Yes	*NULL*		
14	Employer3WorkDuration	varchar(11)	latin1_swedish_ci		Yes	*NULL*		

System Testing

SOFTWARE TESTING TECHNIQUES:

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, designing and coding.

TESTING OBJECTIVES:

1. Testing is process of executing a program with the intent of finding an error.
2. A good test case design is one that has a probability of finding an as yet undiscovered error.
3. A successful test is one that uncovers an as yet undiscovered error.

These above objectives imply a dramatic change in view port.

Testing cannot show the absence of defects, it can only show that software errors are present.

There are three types of testing strategies

1. Unit test
2. Integration test
3. Performance test

Unit Testing:

Unit testing focuses verification efforts on the smallest unit of software design module. The unit test is always white box oriented. The tests that occur as part of unit testing are testing the module interface, examining the local data structures, testing the boundary conditions, execution all the independent paths and testing error-handling paths.

Integration Testing:

Integration testing is a systematic technique or construction the program structure while at the same time conducting tests to uncover errors associated with interfacing. Scope of testing summarizes the specific functional, performance, and internal design characteristics that are to be tested. It employs top-down testing and bottom-up testing methods for this case.

Performance Testing:

Timing for both read and update transactions should be gathered to determine whether system functions are being performed in an acceptable timeframe.

Drawbacks and Limitations:

Objects:

In this world of growing technologies everything has been computerized. With large number of work opportunities the Human workforce has increased. Thus there is a need of a system which can handle the data of such a large number of Employees. This project simplifies the task of maintaining records because of its user friendly nature.

The objective of this project is to provide a comprehensive approach towards the management of employee information. This will be done by designing and implementing an HR management system that will bring up a major paradigm shift in the way that employee information is handled.

The objectives of this system include:

- Design of a web based HR management system to fulfill requirements such as project management, leave management, report generation to assist in performance appraisal, ESS and employee trainings.
- Well-designed database to store employee information.
- A user friendly front-end for the user to interact with the system.

SCOPE

The scope of this project will be limited to the following:

- Employee profiles:

  Employees will have access to their personal profiles and will be able to edit their details.
- Electronic leave application:

  Complete elimination of paperwork in leave management by enabling an employee apply for leave as well as check their leave status through the system. This will also enable the HR manager to accept/reject leave application through the system
- Project Management:

  Assign tasks and projects to employees, assign a project team and keep track of the progress.

- Report generation:

  The HR manager will be able to generate timely reports in order to monitor employees and this can be used for performance appraisals. The reports will be have all the information of an employee from educational background, trainings attended, projects done as well as technical skills.

- Recruitment Process:

  The admin will add an employee and a default password and employee id will be generated and sent to the new employees email. The HR manager will then have the ability to add an employee's information to the database.

EXPECTED BENEFITS:

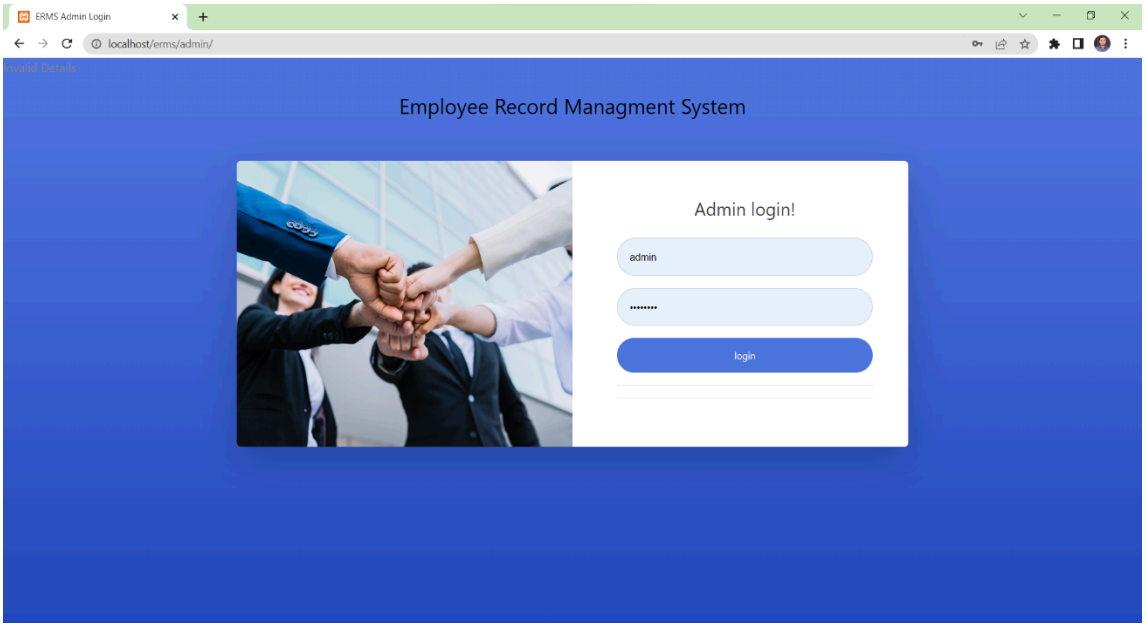
This system is expected to be user friendly and will offer easy access to data as well as services such as online leave management, e-recruitment, and timely report generation, monitoring employee trainings, task management, project management and employee tracking.

The employee is expected to have direct interaction with this system through a password protected user account therefore proposed system is web based to enable accessibility from any location as long as internet connectivity is available. This direct interaction with the system will enable employee self-service.

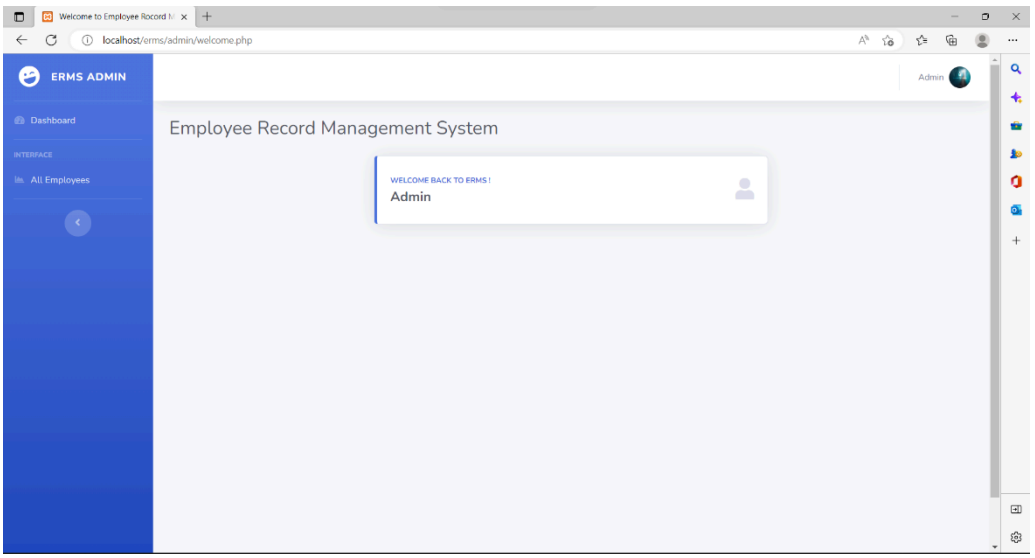
Without an employee management system, it's a tedious job for the human resource department to keep track of each and every employee and even harder for a project manager to assign tasks to the project team. The HR management system will be developed to provide information of employees and many other facilities at the click of a button.

Output Screen of Project

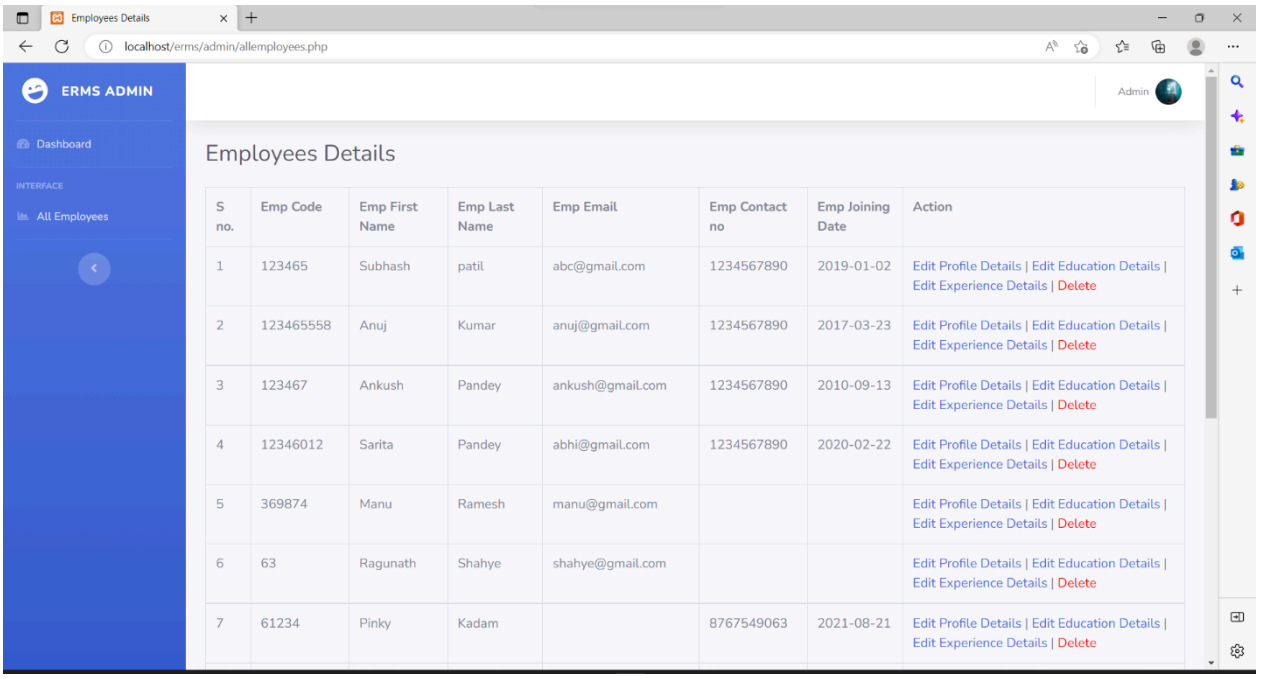
- **Admin Login**



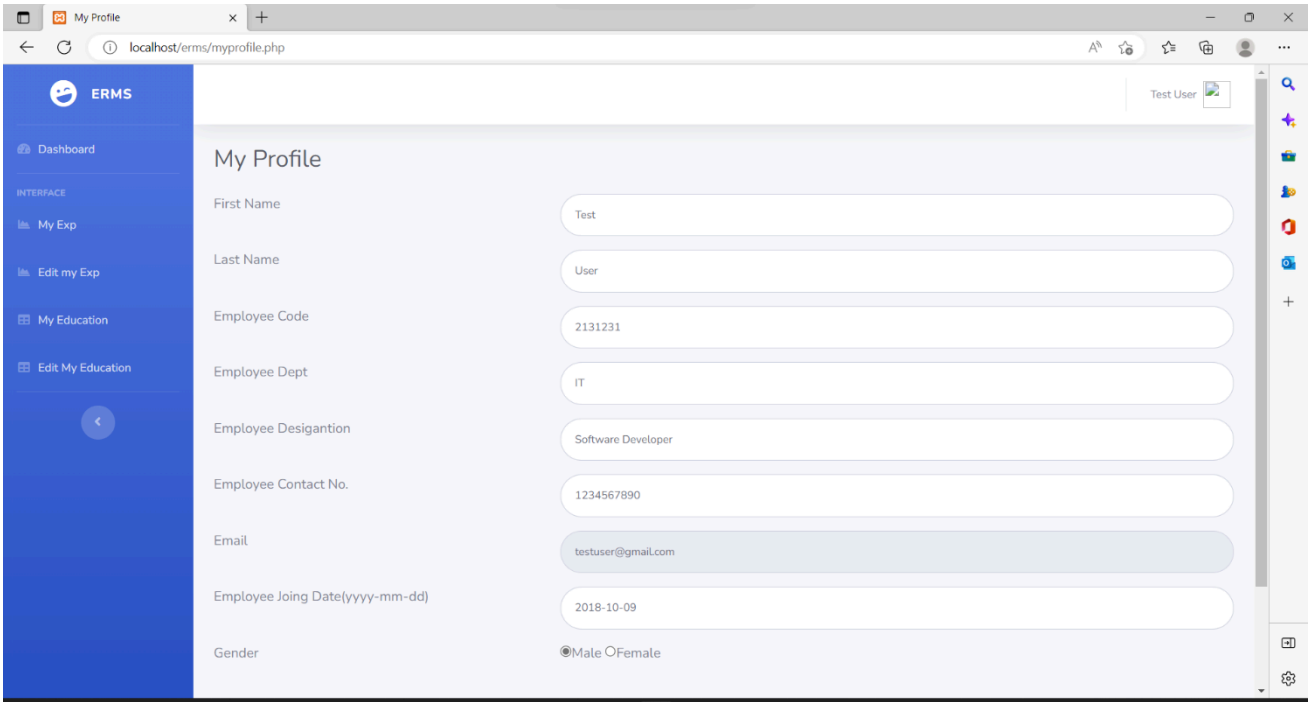
- **Admin Dashboard**



- **Employee Details**

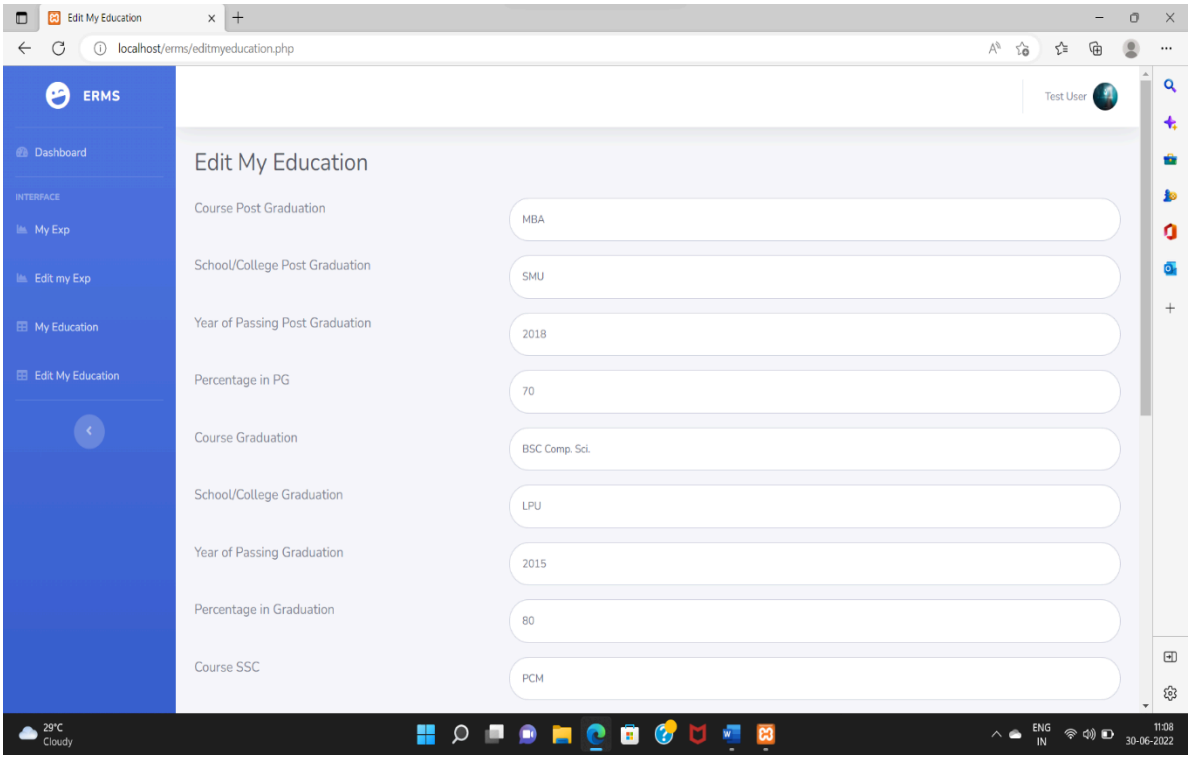


- **Edit Employee Profile**

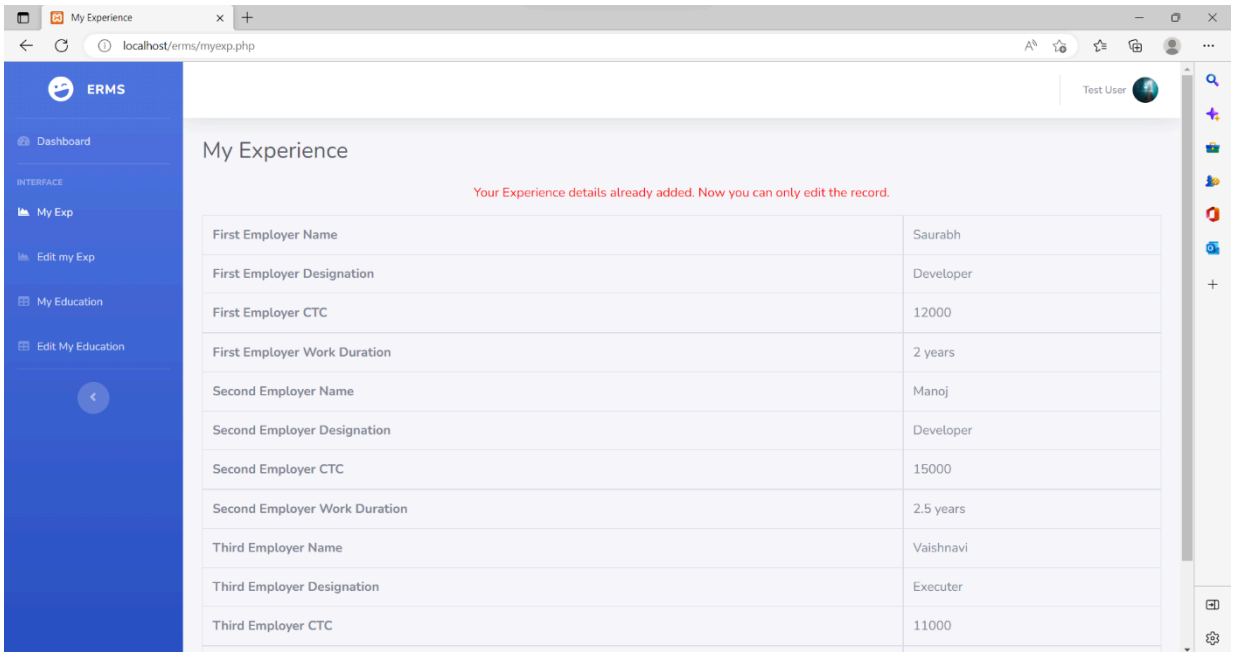


- **Edit Employee Education**

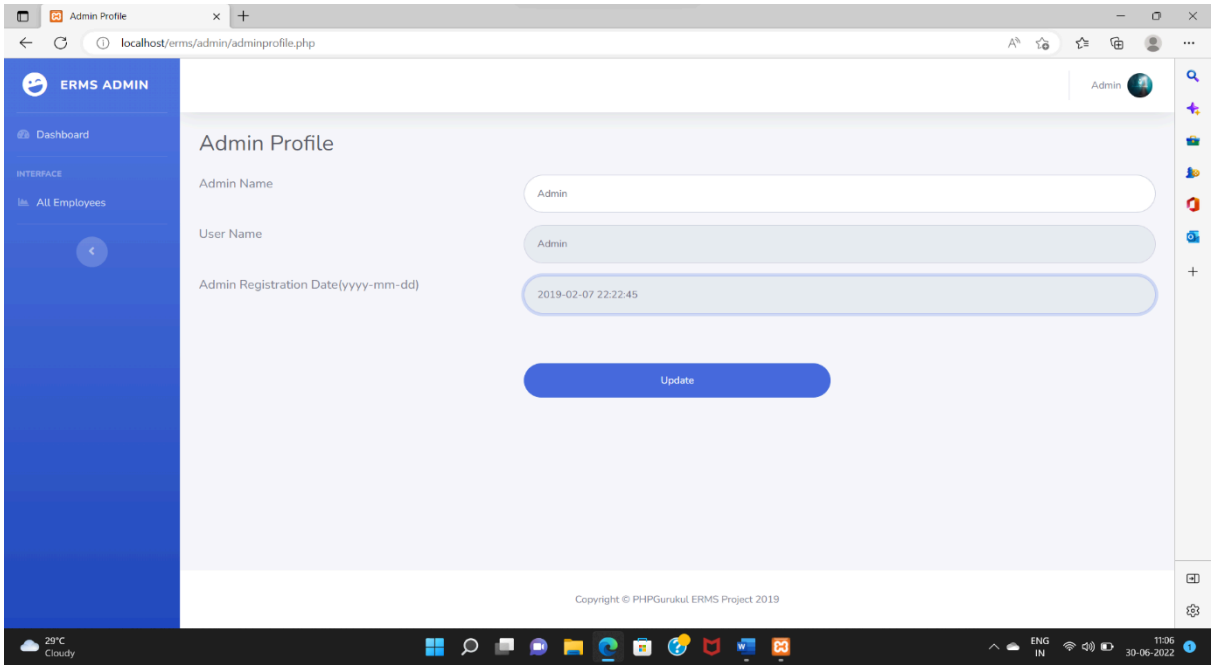
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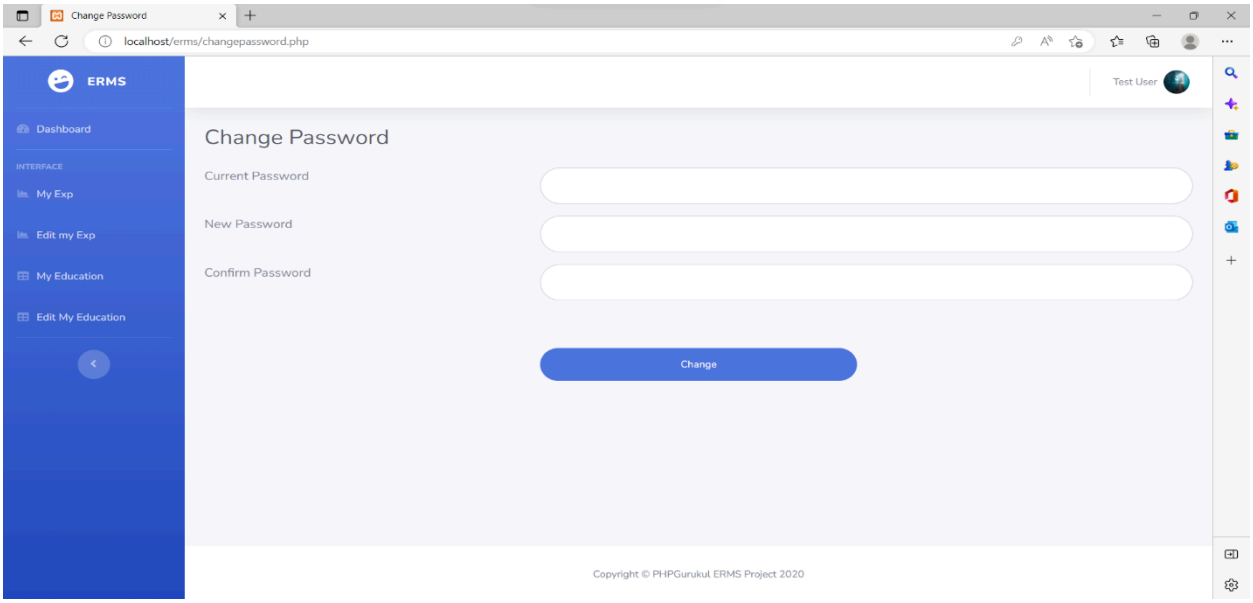
- **Edit Experience**



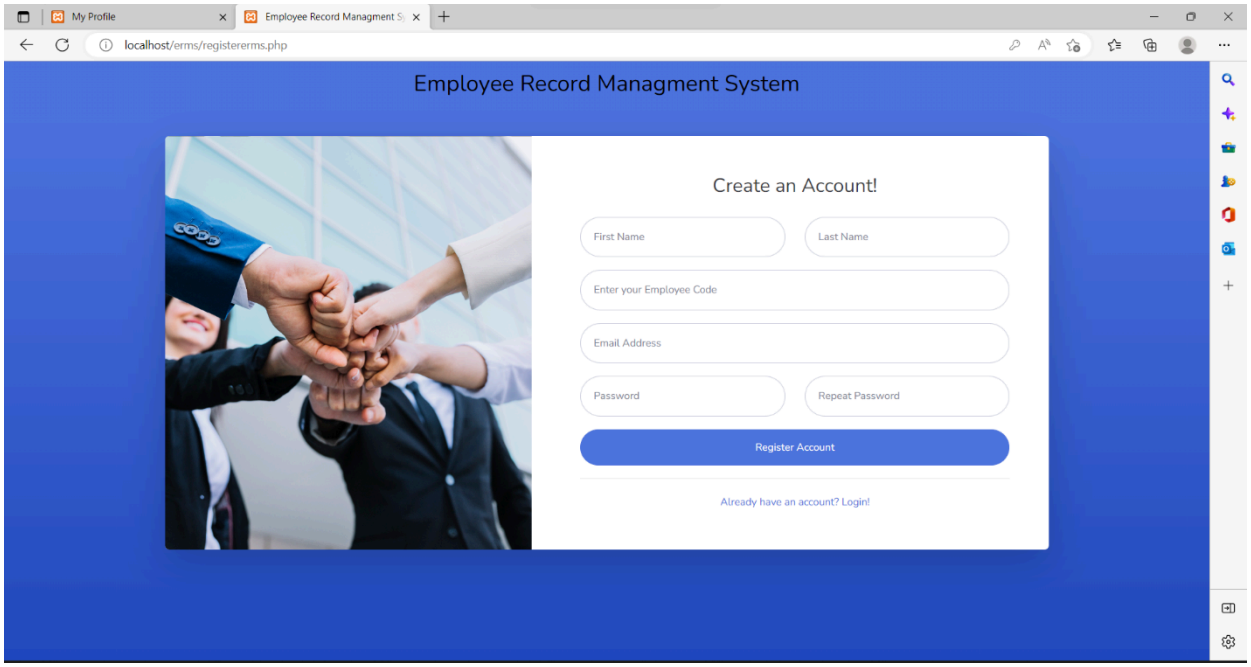
- **Profile**



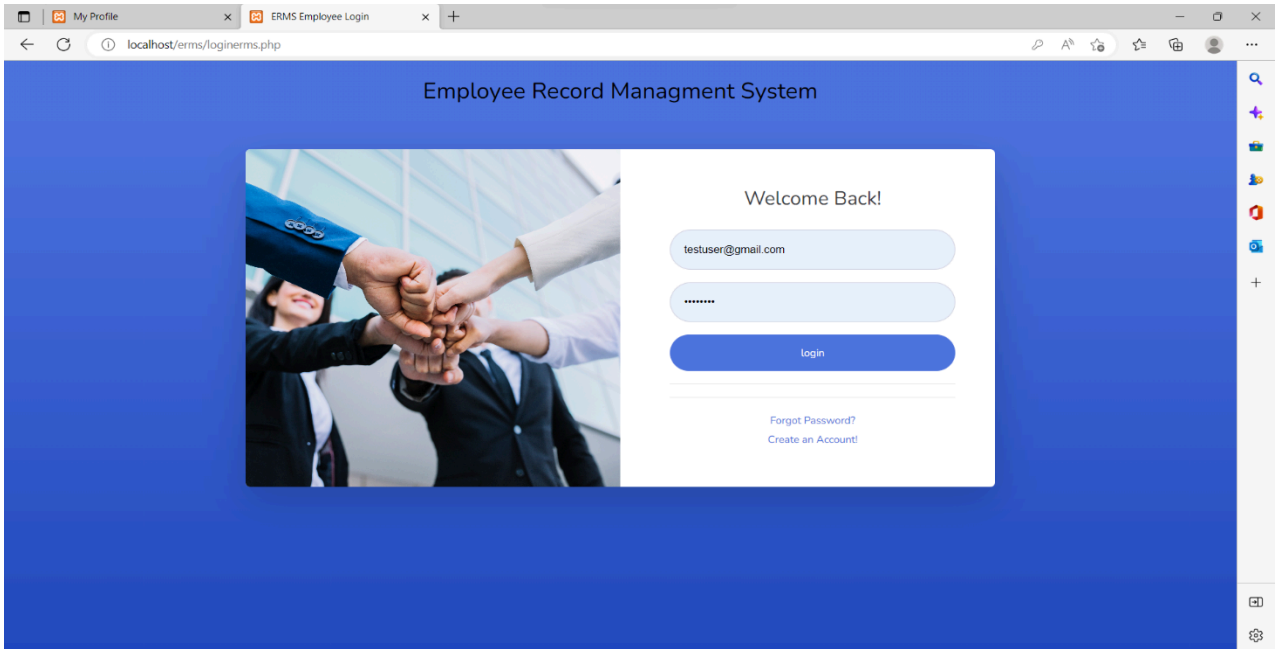
- **Change Password**



- **User Registration**



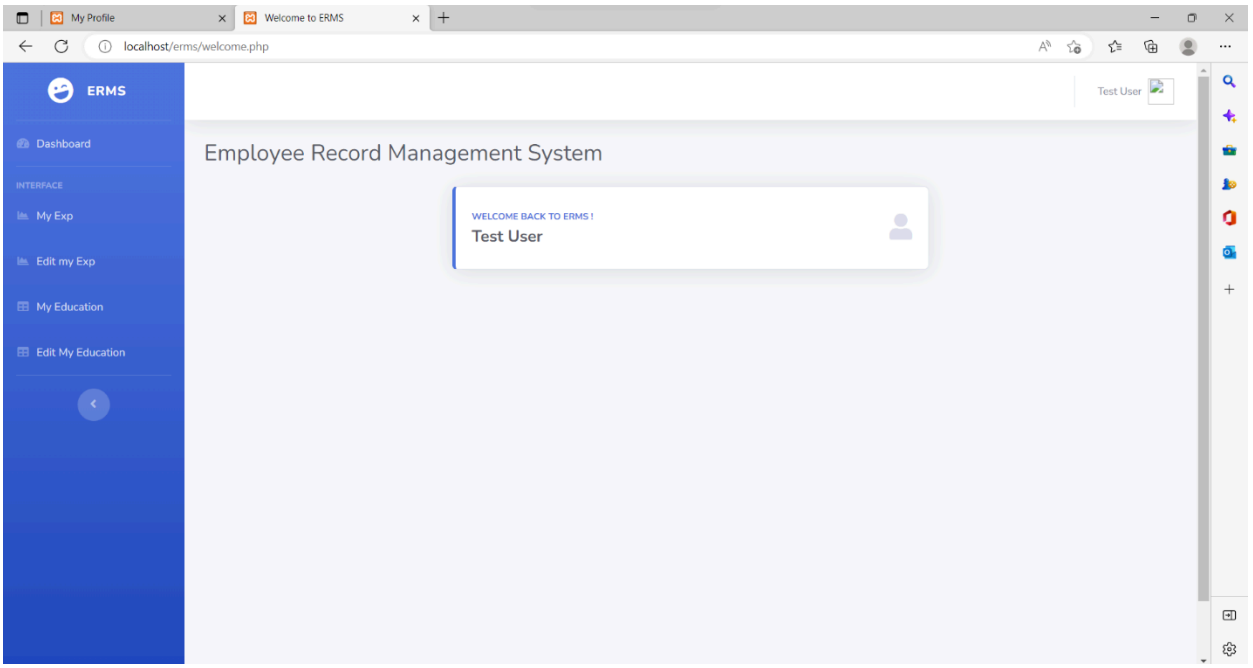
- **User Login**



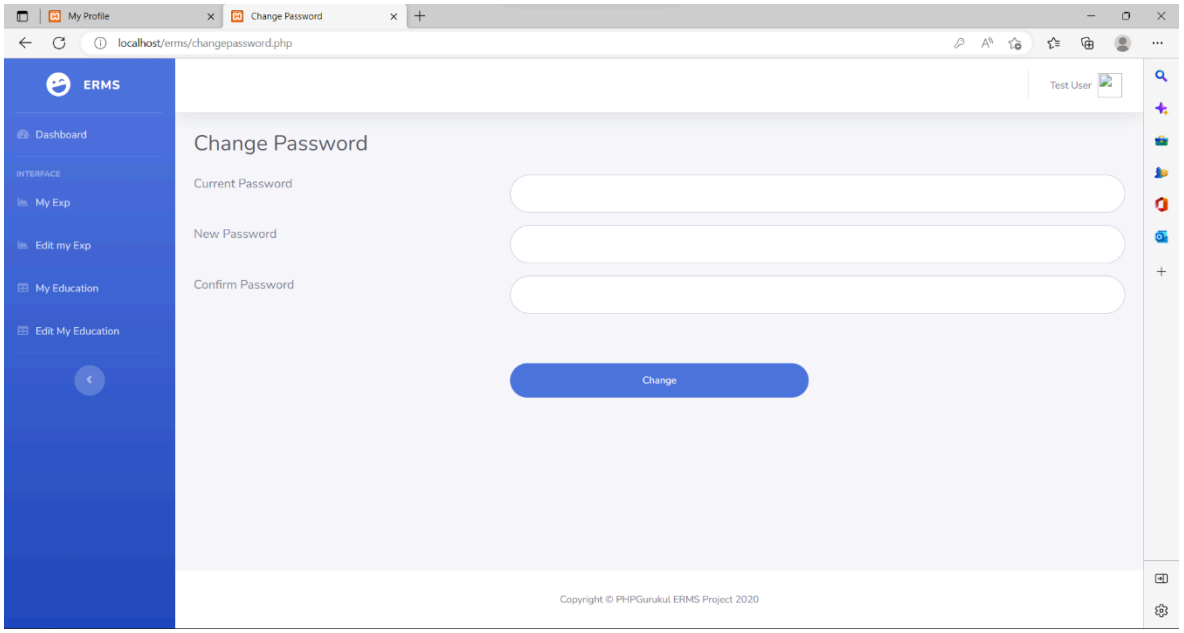
- **User Profile**



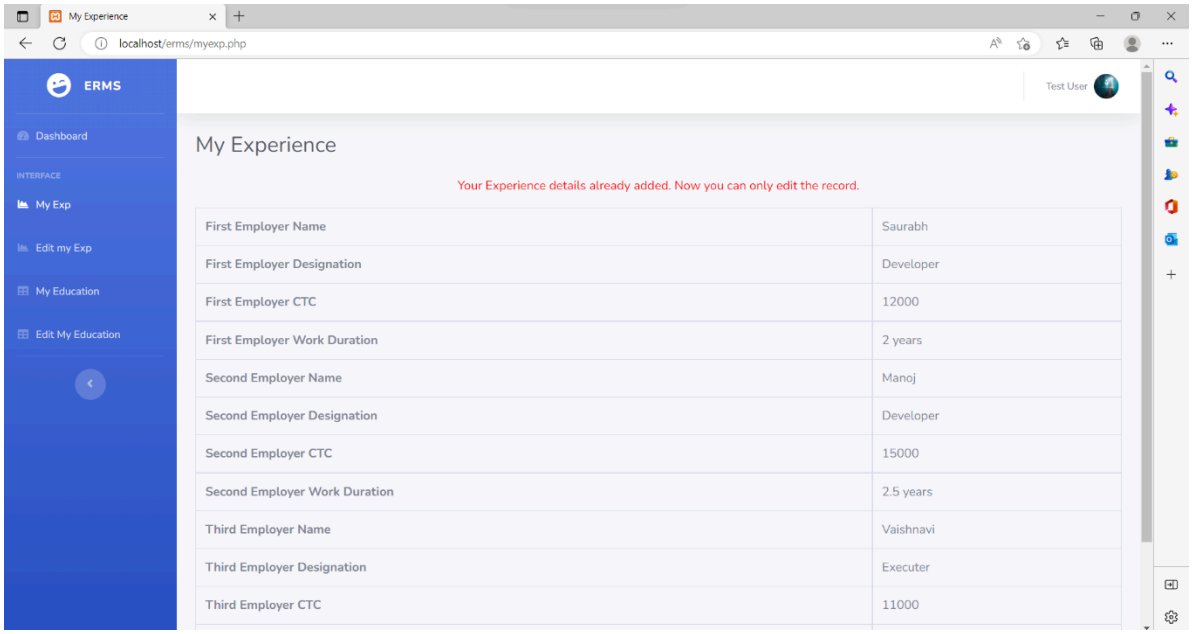
- **User Dashboard**



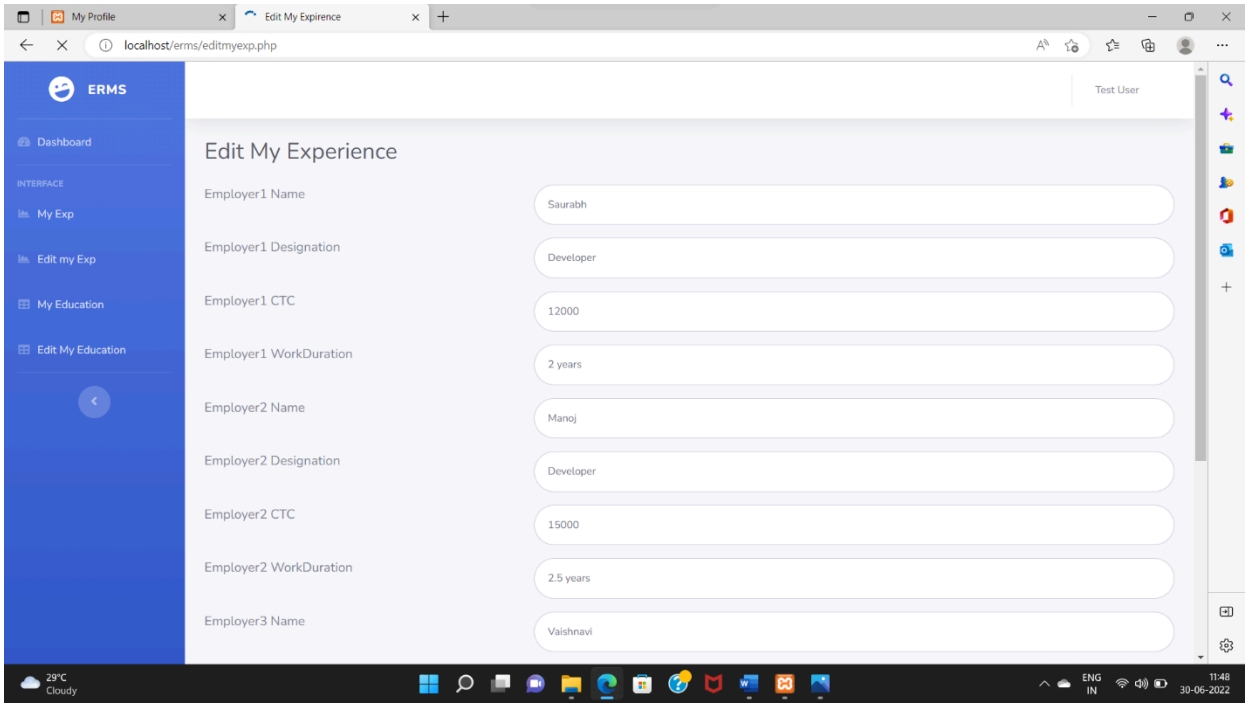
- **Change Password**



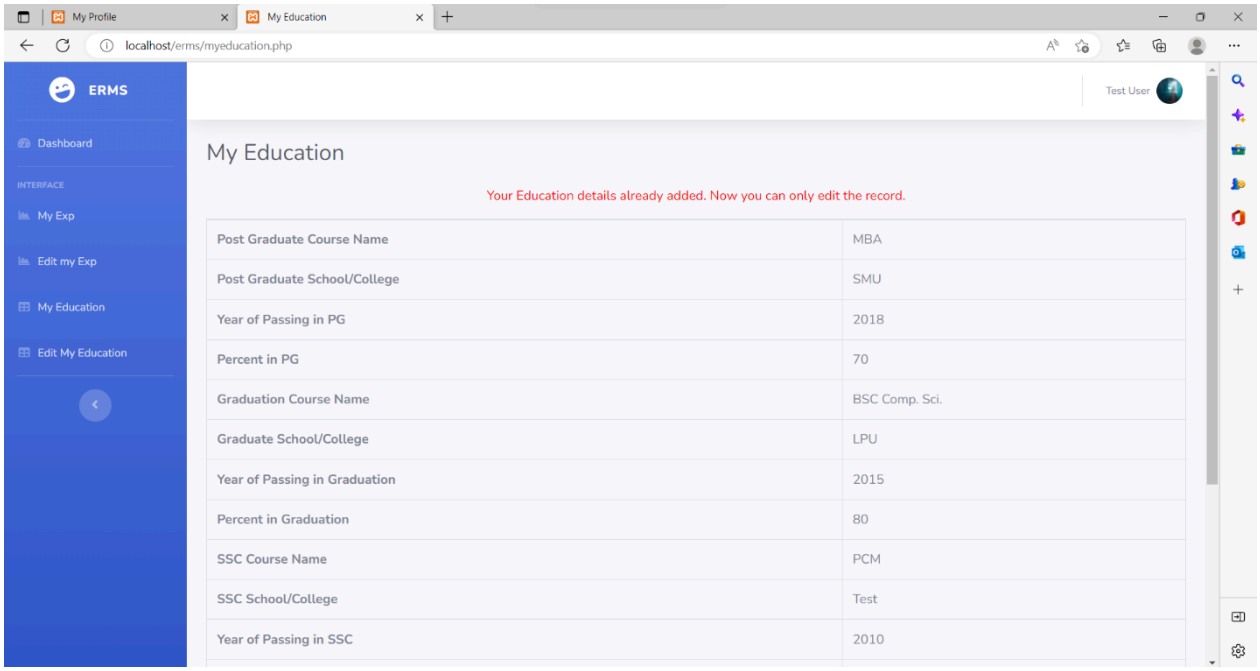
- **User Experience Form**



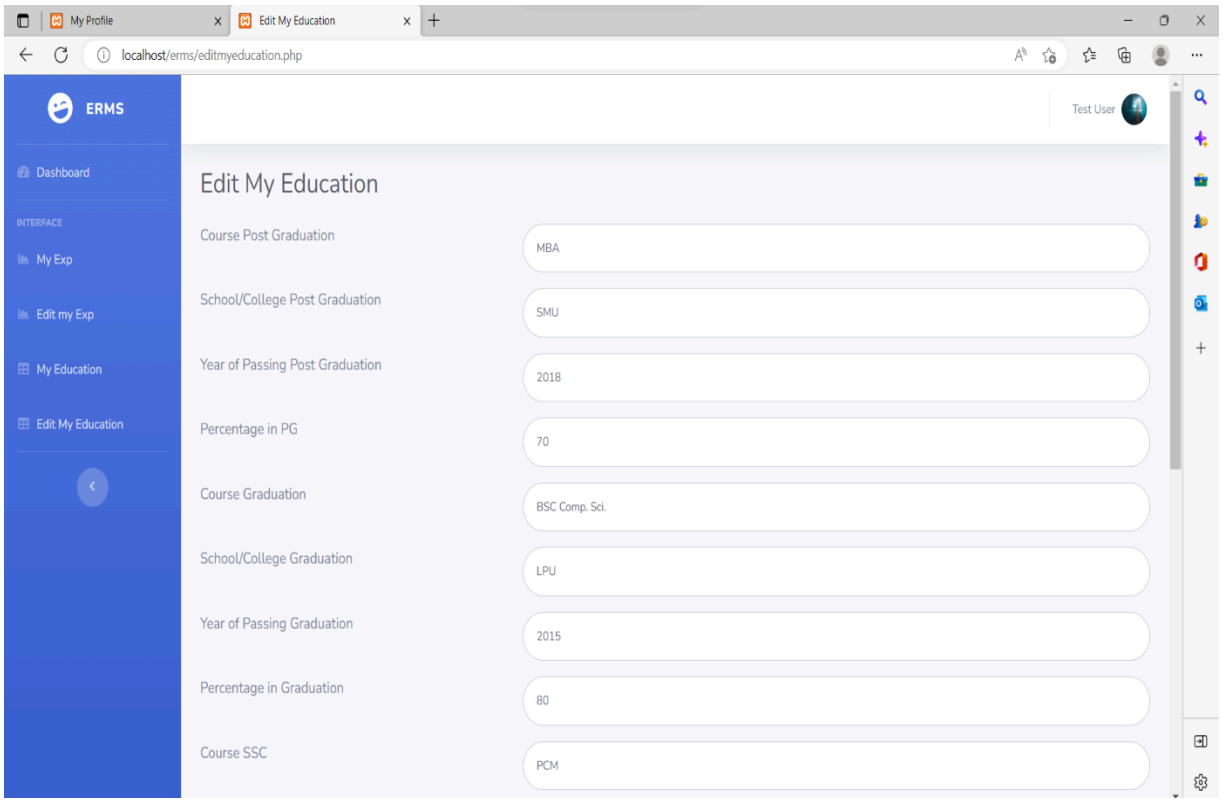
- **Edit Experience**



- **User Education Form**



- **User Edit Education**



Conclusion

The project titled as **Employee Record Management System** was deeply studied and analyzed to design the code and implement. It was done under the guidance of the experienced project guide. All the current requirements and possibilities have been taken care during the project time.

Employee record management system is used for daily operations in any organization to maintain or access employee related information for internal administration purposes.

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Savitribai Phule Pune University

Academic Year 2022-23

A

PROJECT REPORT ON

" ONLINE PIZZA ORDER SYSTEM"

Submitted By

1. **Amit Bhausaheb Damal .**
2. **Rahul Ashok Damal .**

"Abasaheb Kakade Art's and Science College Bodhegaon"

Under the guidance of

Prof.A.A.Sapkal

Project Guide

Abasaheb Kakade Art's and Science College Bodhegaon

Department Of Bachelor of Computer Application

CERTIFICATE

This is to certify the

1. Amit Bhausaheb Damal .
2. Rahul Ashok Damal .

Of sixth semester of Bachelor of Computer Application of Institute Abasaheb Kakade Art's and Science College Bodhegaon has successfully completed the final project in the subject

'Online Pizza Order System'

for Academic year 2022-23 as prescribed in the curriculum.

Prof.B.A.CHEDE

Dr.M.K.Fesale

HOD Dept. BCA **Principal**

Internal **External**

ACKNOWLEDGEMENT

A project is a job of greate normity and it can ‟be accomplished by an individual all by them. Eventually, we are grateful to severa individuals whose professional guidance, assistance and encouragement have made it a pleasant endevour to undertake is project.

It gives us great pleasure in expressing our expense of gratitude to our respected Founder Chairman**,** for having provided us with great in restructure and well-furnished labs.

We take this opportunity to express our profound gratitude to our respected Principal **Dr.M.K.Fesale** for his support. We are grateful to the Head of the Department **Prof.B.A.Chede** for his sunfailing encouragement and suggestion given to us during our project work.

Guidance and deadlines play a very important role in successful completion of the project on time. We also convey our gratitude to our internal project guide, **Prof.A.A.Sapkal , for** having constantly guided and the development of the project.

Finally a note of thanks to the Department of Bachelor of Computer Application, both teaching and non-teaching staff for the in co-operation extended to us. We thank our parents for the inconstant support and encouragement. Last,but not the least, we would like to thank our peers and friends.

PROJECT GROUP

1. ----------
2. ----------

Place:

Date: / 05/2023

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Introduction

Online pizza ordering system is a web-based application which enables customers to order their pizzas online for home delivery or pick up from the pizzeria if you are planning to do Some other projects.

The main aim of this project Online Pizza Ordering System is to sell pizza online order. In this project Online Pizza Ordering System customers can give order from any place and pay cash on delivery or online.

This project provides information of customer details before making order. This project Online Pizza Ordering System is very helpful for customers in ordering custom pizzas.

This project provides a lot of features to manage in very well manner. In current system we have integrated a single payment system cash on delivery but in f we will enhance it with online payment system.

When an order has been confirmed by a customer order processing begins.

In this project the front end is Java and back end is MYSQL.

Existing System and Need For System

● About Existing System-

- This project is a simulation of taking of orders at a pizza takeout restaurant. It can be used as a template for any retail type business.
- The order from works by finding the customer by phone number. Enter a phone number to find if he is an existing customer or new one. If he is an existing customer, the order process begins and if the phone number is not existed in the database save the details of the customer. You can add as many pizzas as you want in the order.

● Need For System-

- You must have ordered your pizzas by phone for home delivery. The process seems easy to use but at times there is miscommunication.
- As there is no visual menu shown during a phone call the employees have to repeat a lot of things again and again to the customers.
- It's time-consuming process which at times irritates customers. Also, it takes a lot of time of the pizzeria staff.
- It would be much more comfortable for the customers to have an online pizza ordering system. It would be hassle free for users as they can select the pizzas they want and make payment for it. Also, it will reduce the purchasing time for customers.
- Let us look at another benefit of using this system. Suppose I go to pizzeria and make the order. Even after ordering pizzas from their outlet have to wait at least 15 minutes for my order to be ready.

- Wouldn’t it be much more convenient if I ordered my pizzas before using a mobile app or an online system and then it will tell me the time by which I have to pick my order from their counter.
- It would be great for me as I don’t need to wait for my pizza. I need to reach there only when my pizza is ready.
- In a nutshell, we can say that improved and efficient services are provided to the customers by the inclusion of internet in your business.

Scope of Work-

It may help collecting perfect management in details. In a very short time. The collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Pizza Ordering System. It will be also reduced the cost of collecting the management and collection procedure will go on smoothly.

Our project aims at Business process automation, i.e., we have tried to computerized various processes of Pizza Ordering System.

In computer system the person has to fill the various forms and number of copies of forms can be easily generated at a time.

In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.

- To assist the staff in capturing the effort spend on their respective working areas.
- It satisfies the user requirement.
- Be easy to understand by the user and operator.
- Have a good user interface.
- Be expandable.
- Delivered on schedule within the budget.

Operating Environment Hardware and Software-

Hardware Requirement:

Processor	I3 processor
Hard disk	512GB
RAM	4GB
Monitor	VGA/SVGA/Color Monitor
Other Hardware	Keyboard, Mouse, Printer, etc.

Software Requirement:

Operating System	Windows 10
Front End	JAVA(J2EE), HTML CSS, JavaScrips
Back End	MySQL

Detail Description of Technology Used-

Technologies to be used:

Java virtual machine and JDK servlet.

My-SQL queries.

2. PROPOSED SYSTEM-

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduce the manual work.

- Security of data.
- Ensure data accuracy.
- Proper control of higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

Objectives of System-

This section describes the objective that are achieved in the project.

- **Build your own pizza:** This system will help customers in ordering custom pizzas. So the customer will pick exactly the things which he/she wants in their pizza. This will surely enhance the image of the pizzeria and customers satisfaction will be more.
- **Better knowledge:** This system will provide customer all the details of his order before making the order. This confirmation will help customers to check the items ordered with their prices.
- **Online payment:** This system will give the option to the customer for online payment. This will make pizza buying experience cash free.
- **Know Delivery time:** This system will show the time by which the order will be delivered to the customer. For pick-ups customers can fix the time by which they will pick their order.
- **Reduce paper work:** As most of thing will be performed online, it will reduce the usage of paper for the pizzeria.
- **Improve Efficiency:** This system will make things easier for staff as whole ordering process is done by the customer only.

User Requirements-

- System needs stored information about new entry of pizza.
- System needs to help the internal staff to keep information of online Orders and find them as per various queries.
- System needs to maintain quantity records.
- System needs to keep the record of customer.
- System needs to update and delete the records.
- System also needs a search area.
- It also needs a security system to prevent data.

3. Analysis and Design-

Data Dictionary-

1)Table Name - Registration

Sr. No.	Attribute	Datatype	Key
1	User id	Int	Primary Key
2	Name	Varchar (200)	
3	Address	Varchar (100)	
4	Mb. No.	Number (10)	
5	E-mail	Varchar (100)	
6	Password	Varchar (100)	
7	Retype Password	Varchar (100)	

2)Table Name – Login

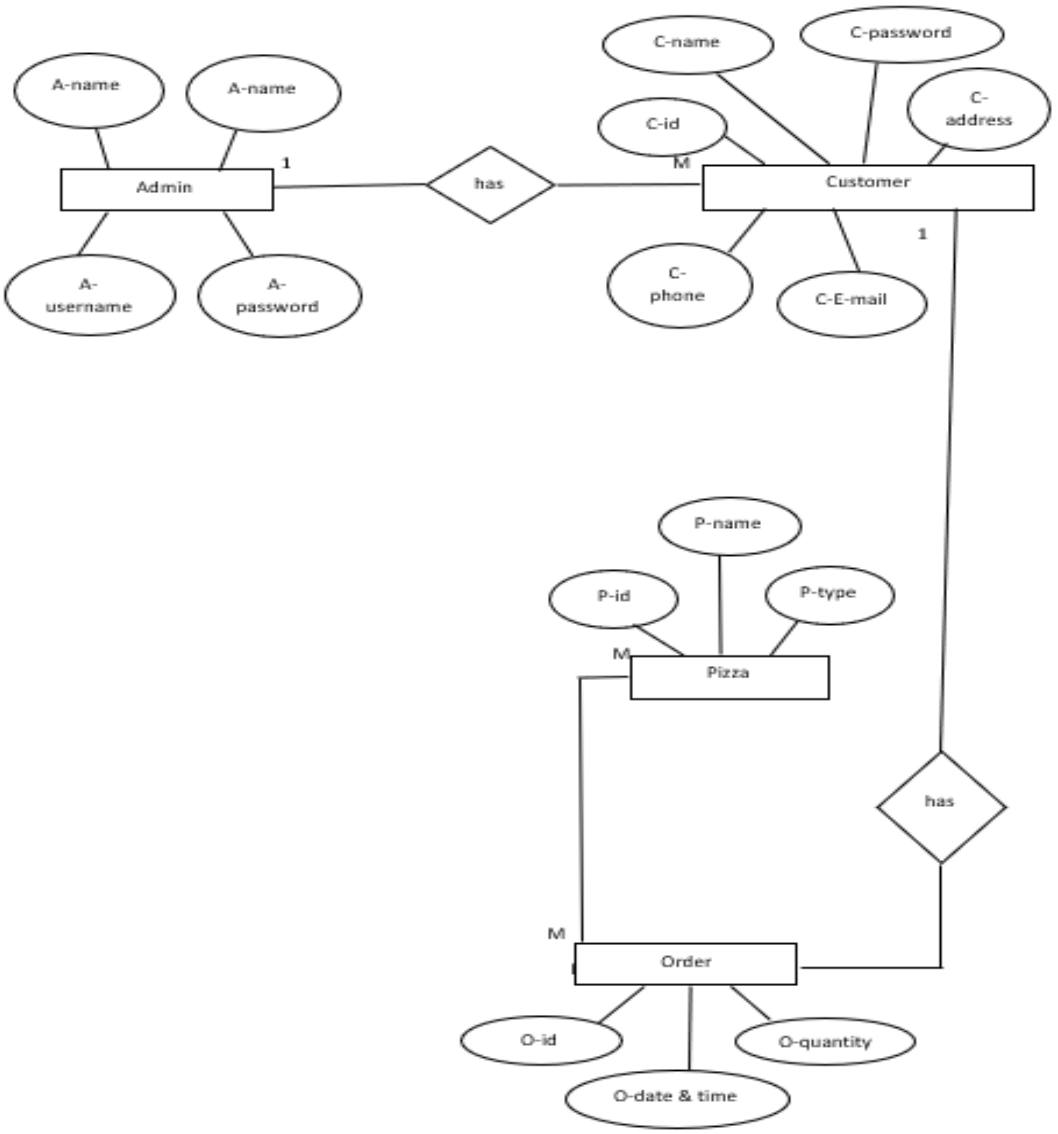
Sr. No.	Attribute	Datatype	Key
1	User id	Int	Primary Key
2	Username	Varchar (20)	
3	Password	Varchar (20)	

3)Table Name – Order Confirmation

Sr. No	Attribute	Datatype	Key
1	User id	Int	Primary Key
2	Name	Varchar (200)	
3	Address	Varchar (200)	
4	Mb. No.	Number (10)	
5	Quantity	Number (10)	

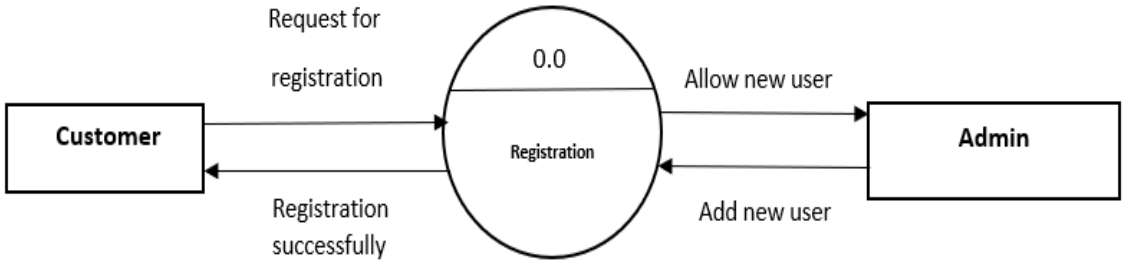
Diagrams -

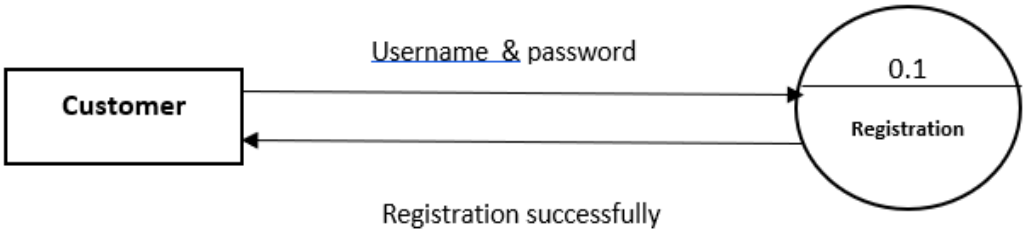
1) ER Diagram-

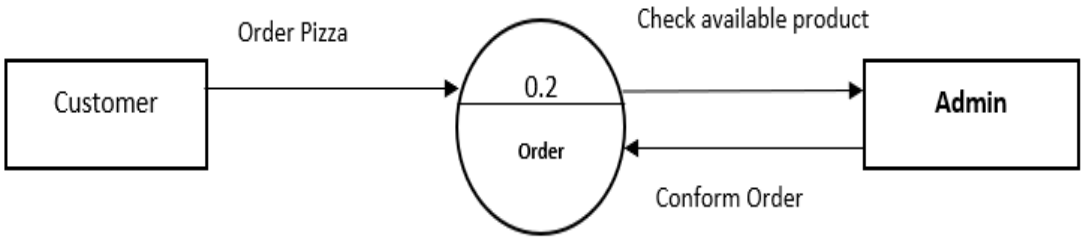


2) DFD (Data Flow Diagram)-

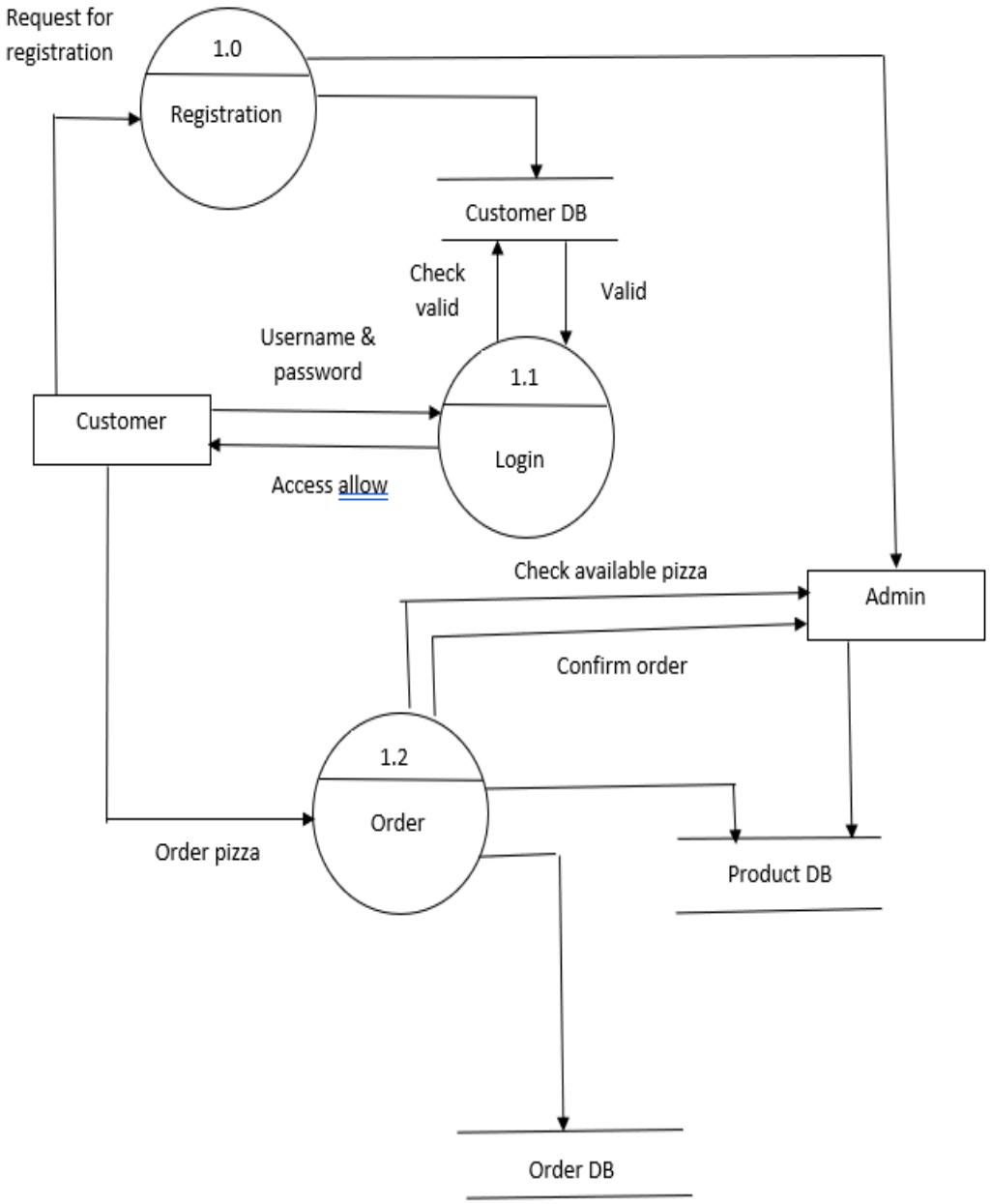
I) Context Level



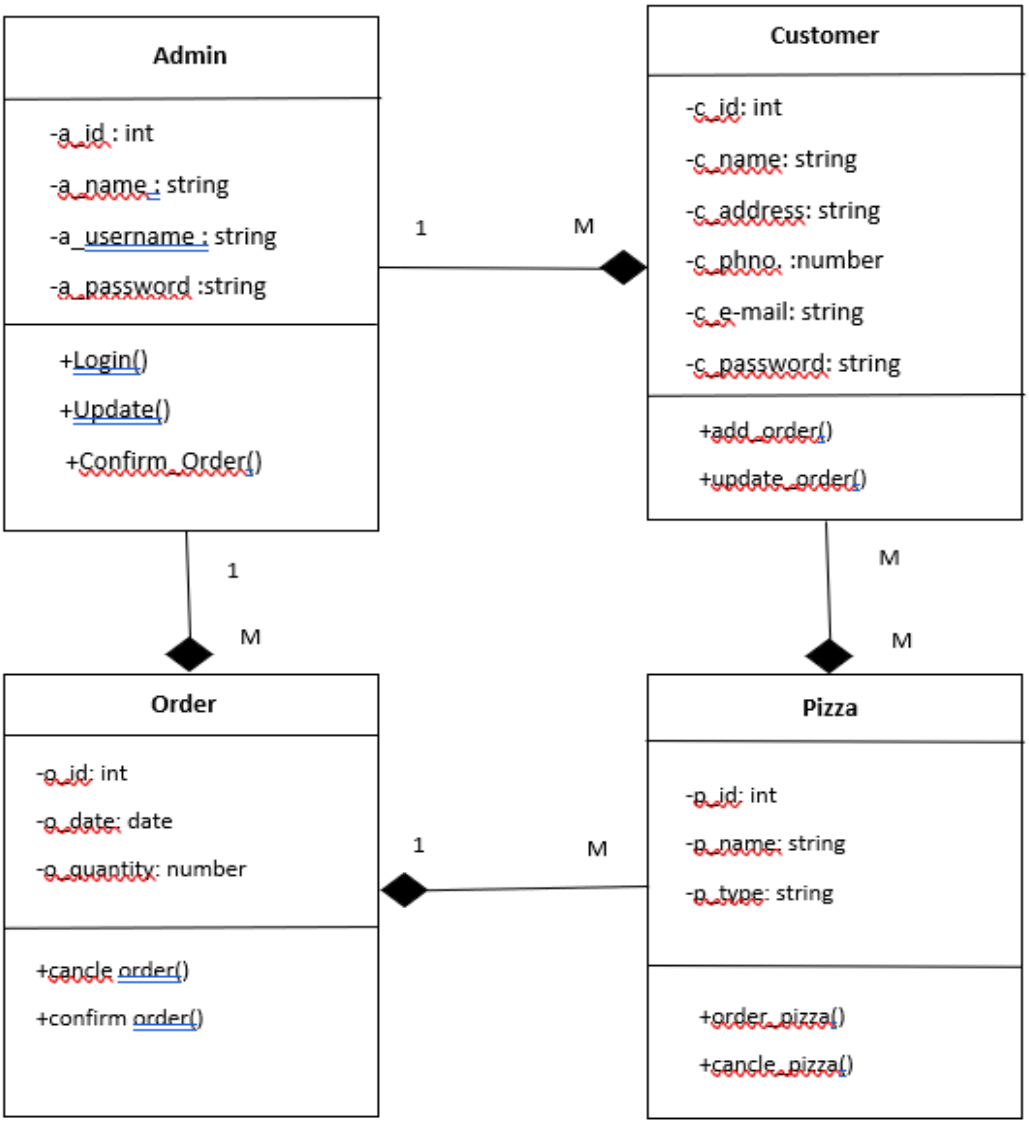




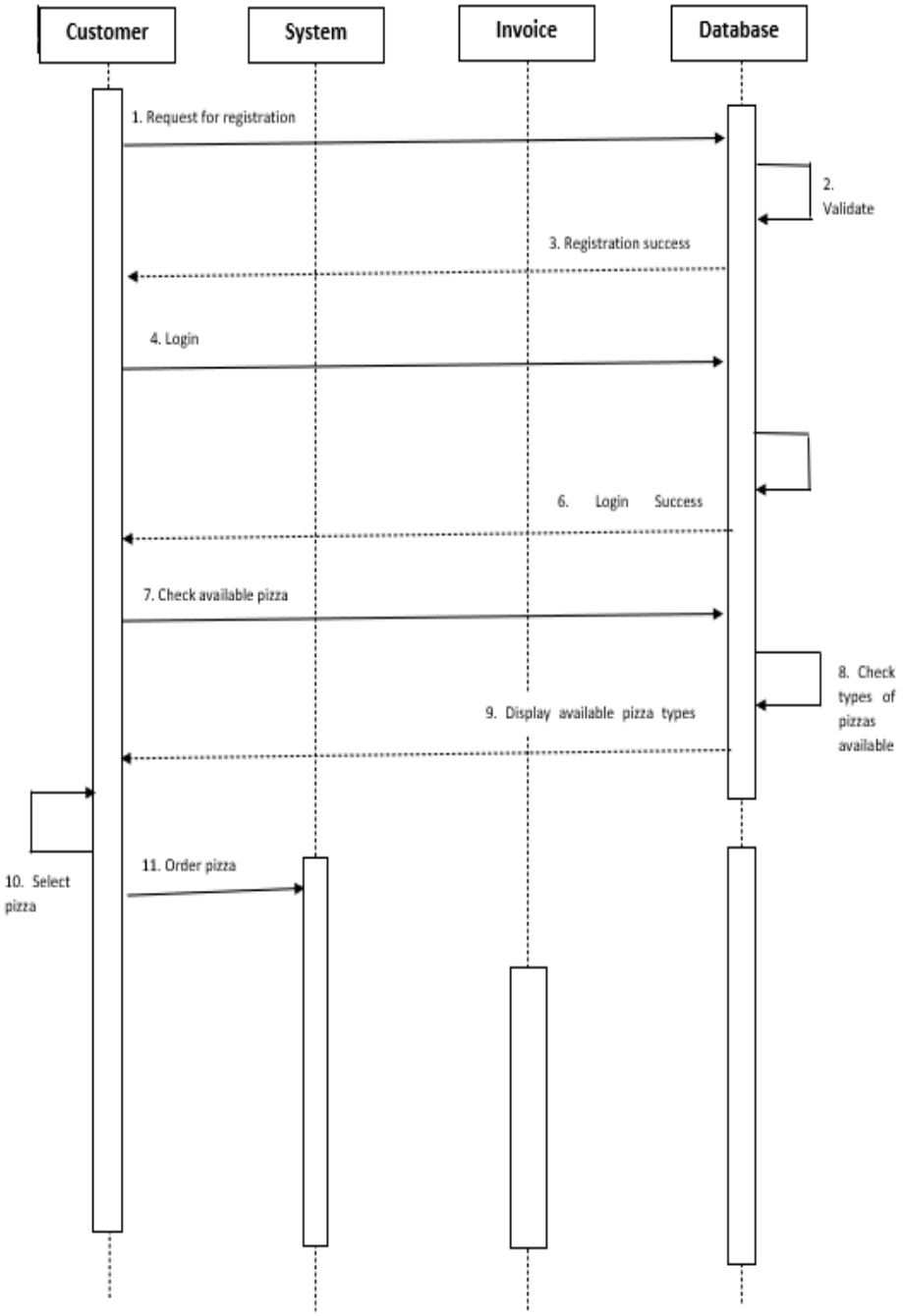
II) First Level



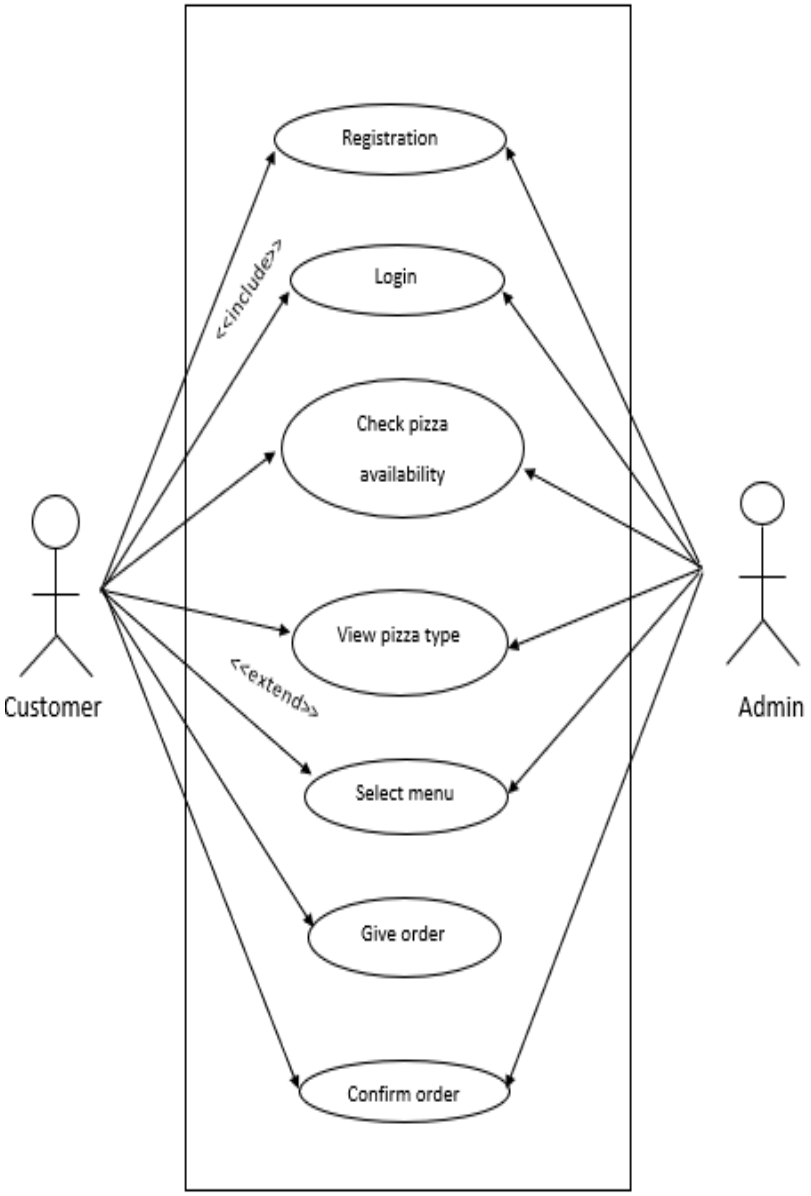
III) Class Diagram-



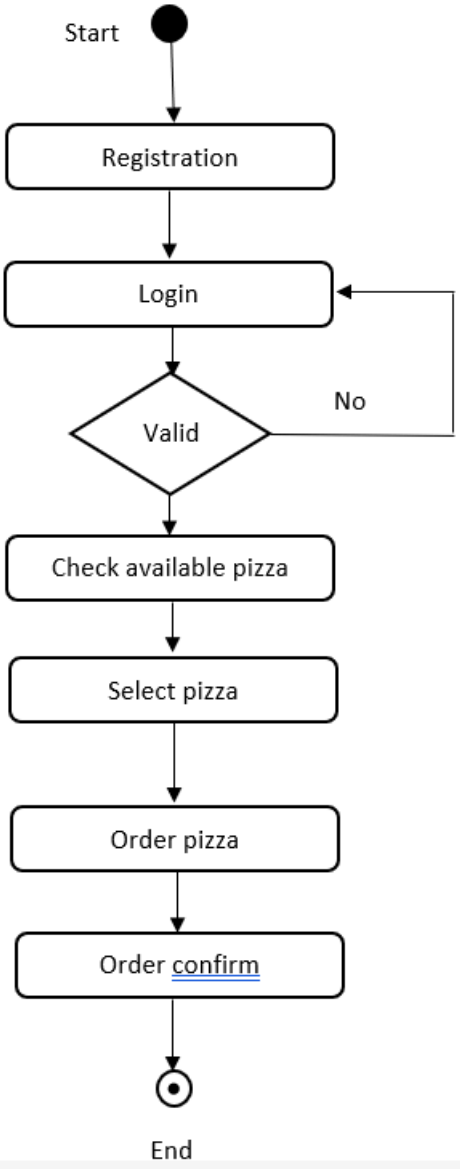
IV) Sequence Diagram-



V) Use Case Diagram-

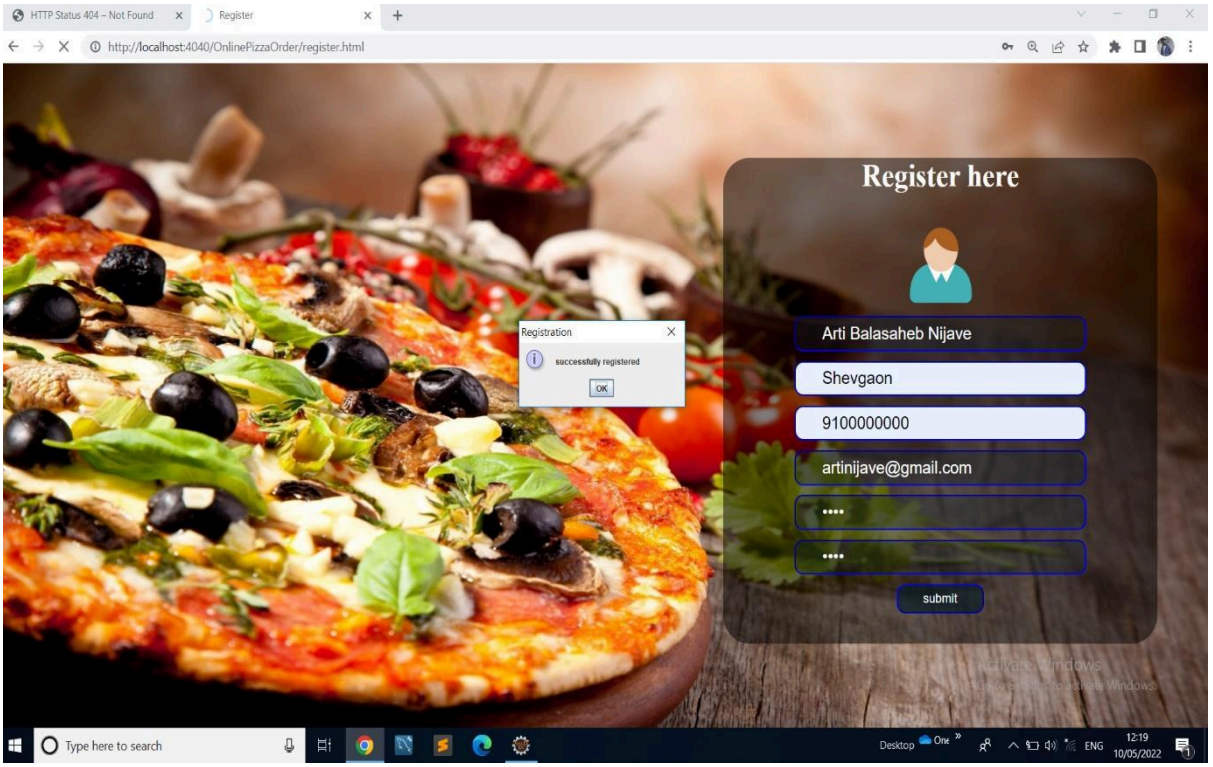


VI) Activity Diagram-

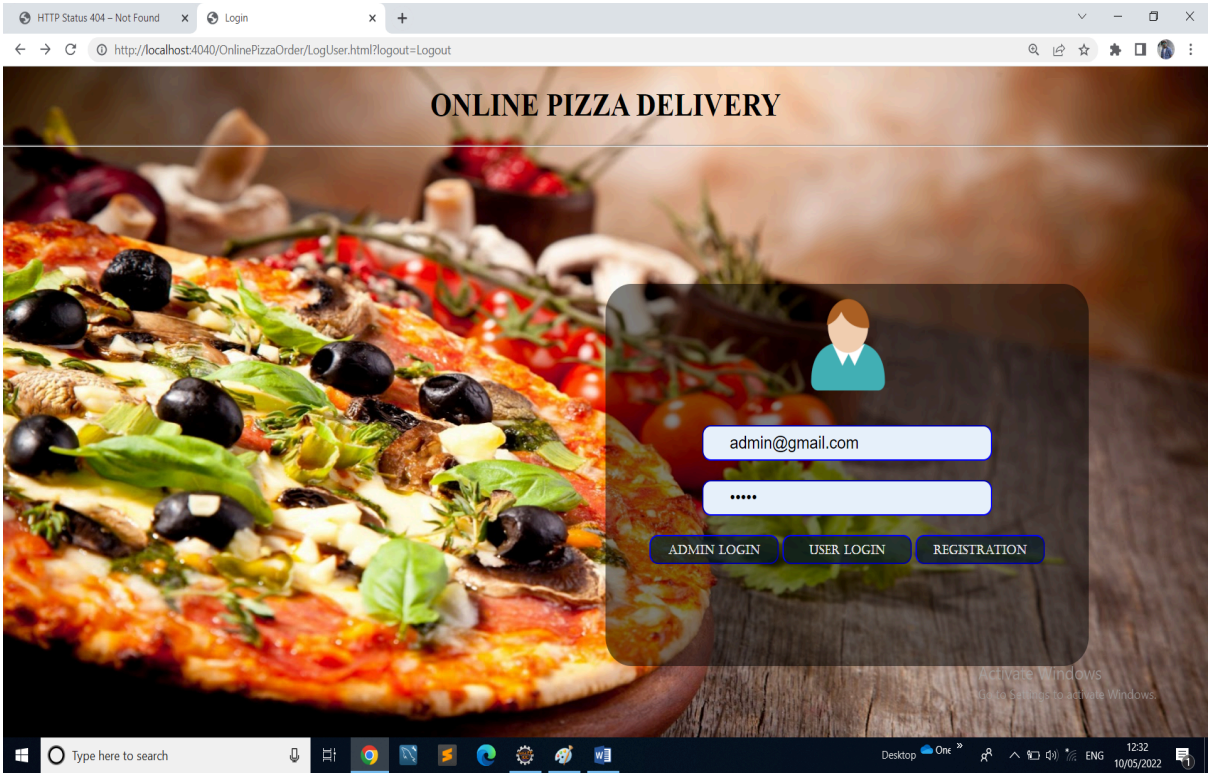


User Interface (Screenshots) –

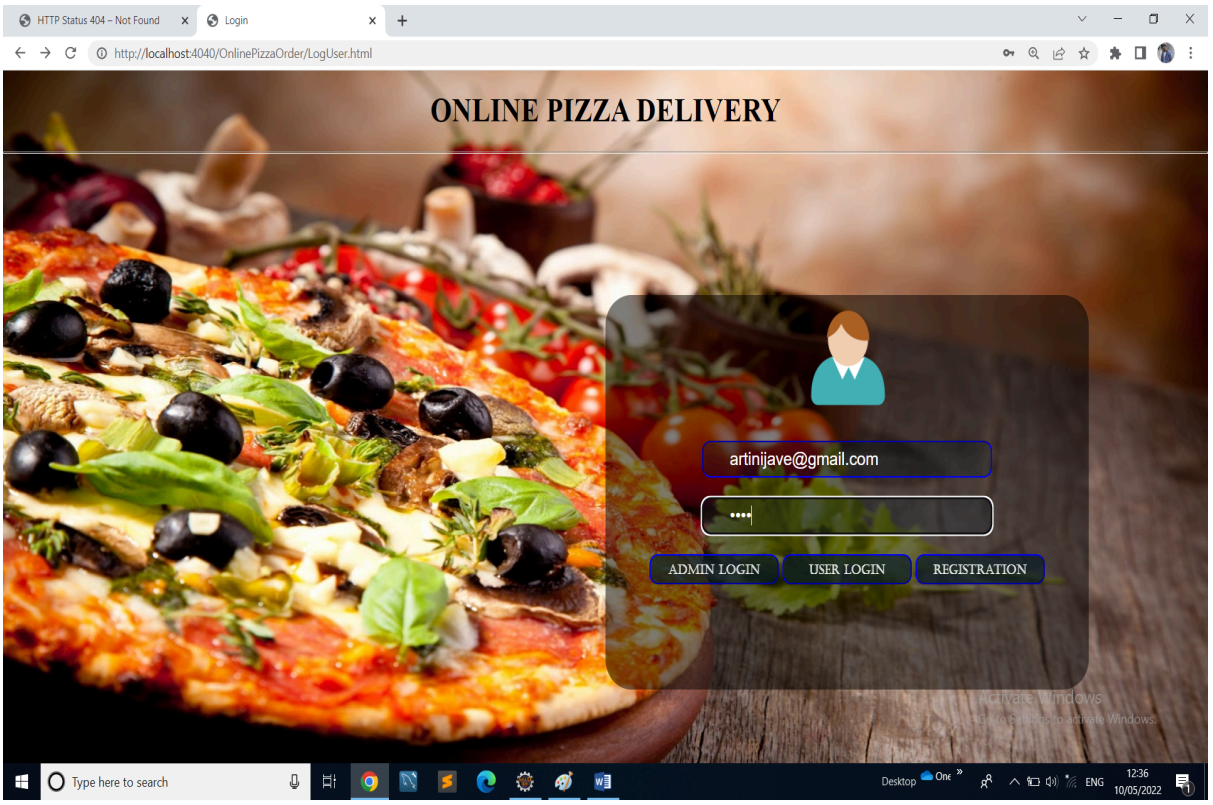
Registration:



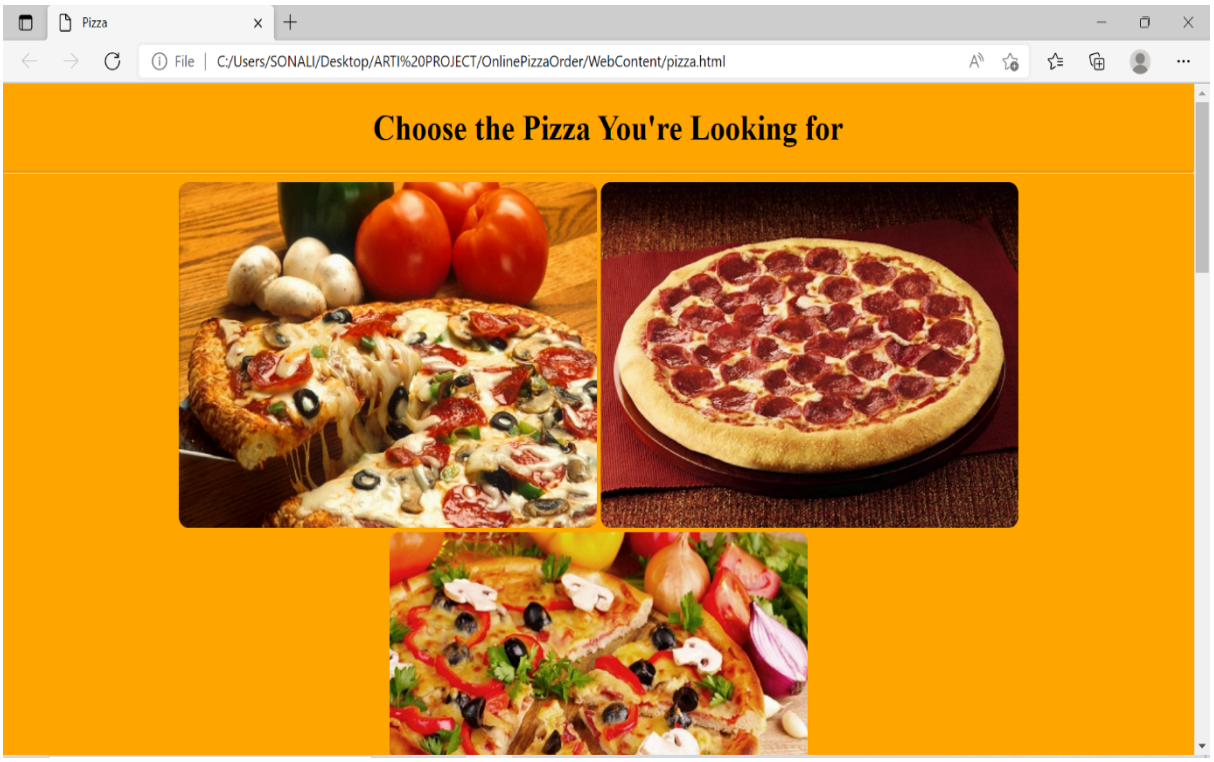
Admin Login:

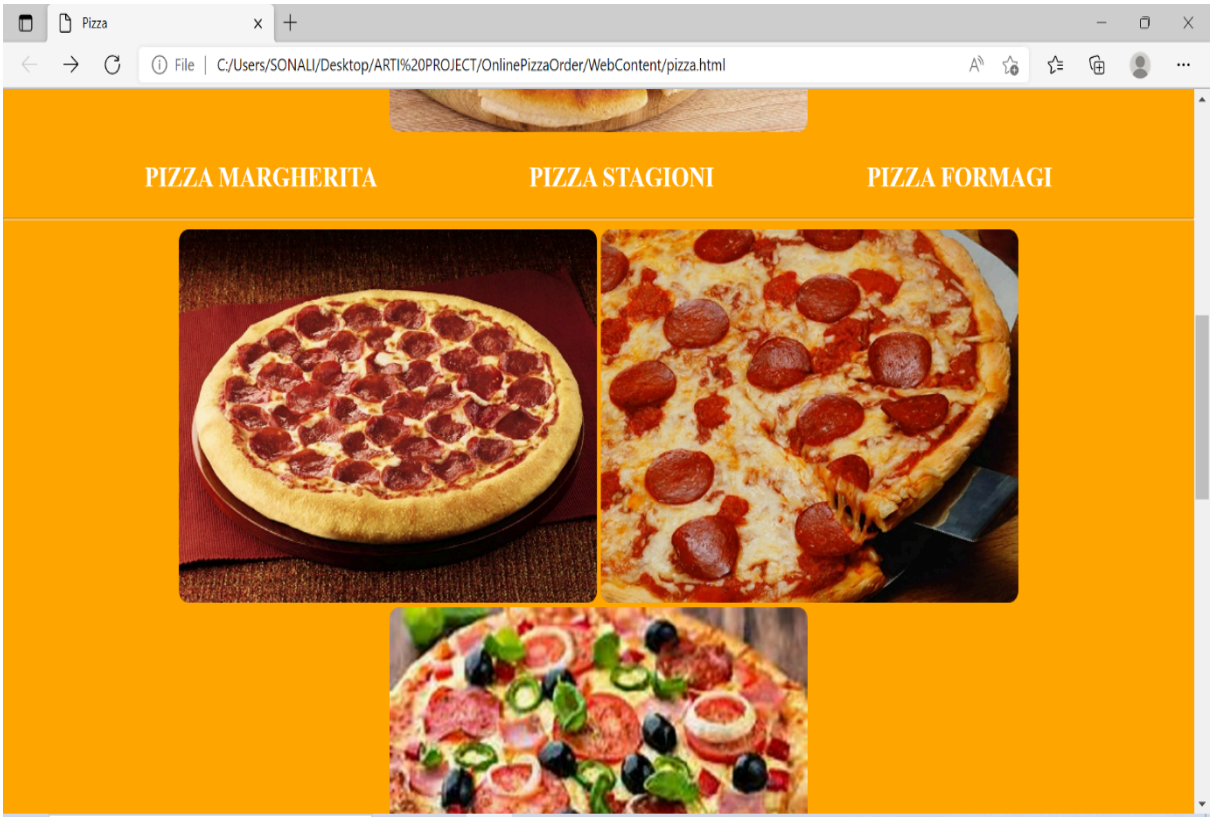

HTTP Status 404 – Not Found
Login
http://localhost:4040/OnlinePizzaOrder/LogUser.html?logout=Logout
ONLINE PIZZA DELIVERY
admin@gmail.com
.....
ADMIN LOGIN
USER LOGIN
REGISTRATION
Activate Windows
Type here to search
Desktop
ENG
12:32
10/05/2022

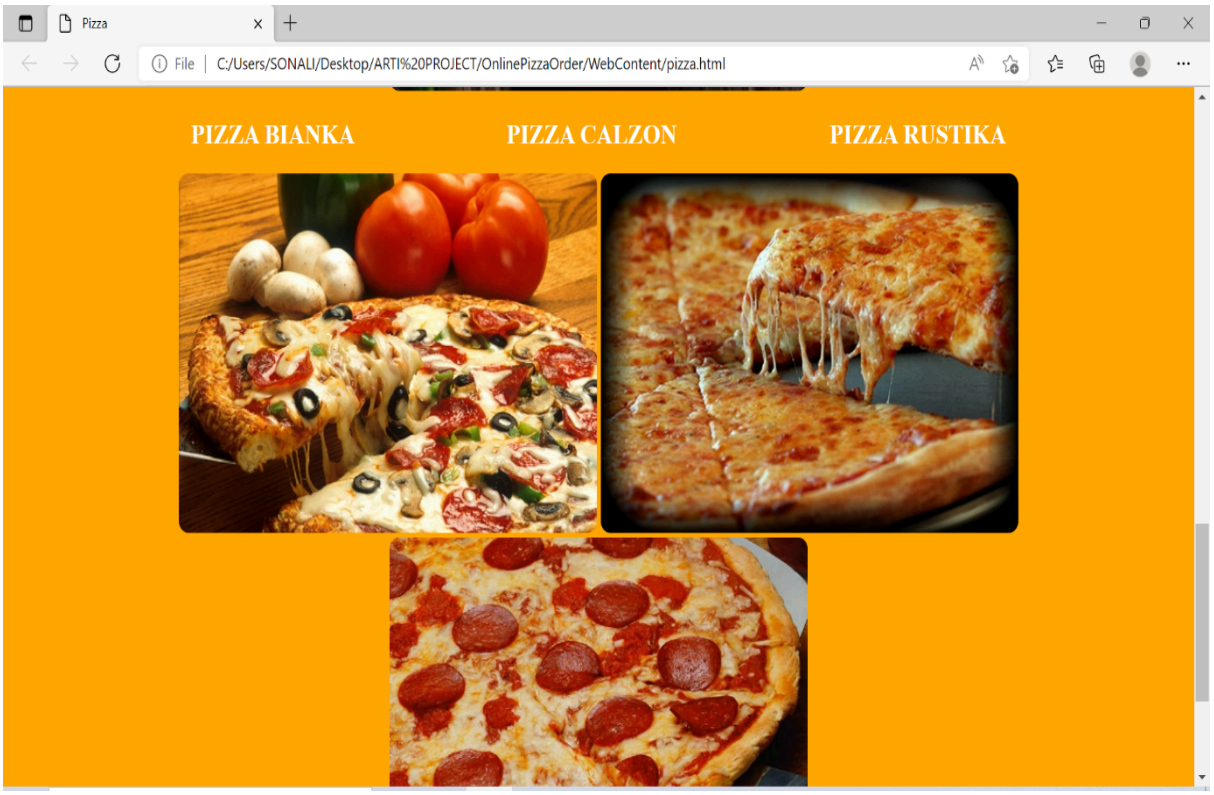
User Login :

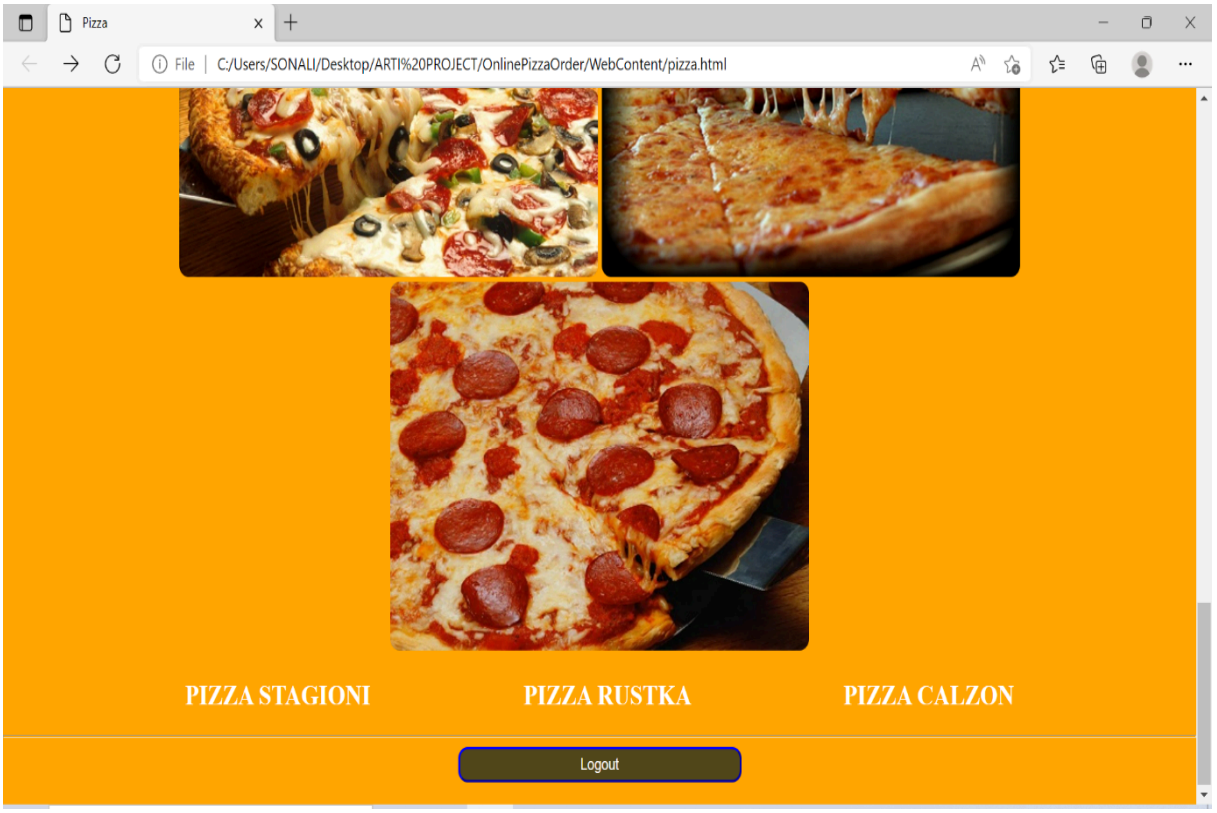

HTTP Status 404 – Not Found
Login
http://localhost:4040/OnlinePizzaOrder/LogUser.html
ONLINE PIZZA DELIVERY
artinijave@gmail.com
ADMIN LOGIN
USER LOGIN
REGISTRATION
Type here to search
ENG
12:36
10/05/2022

Search Pizza:

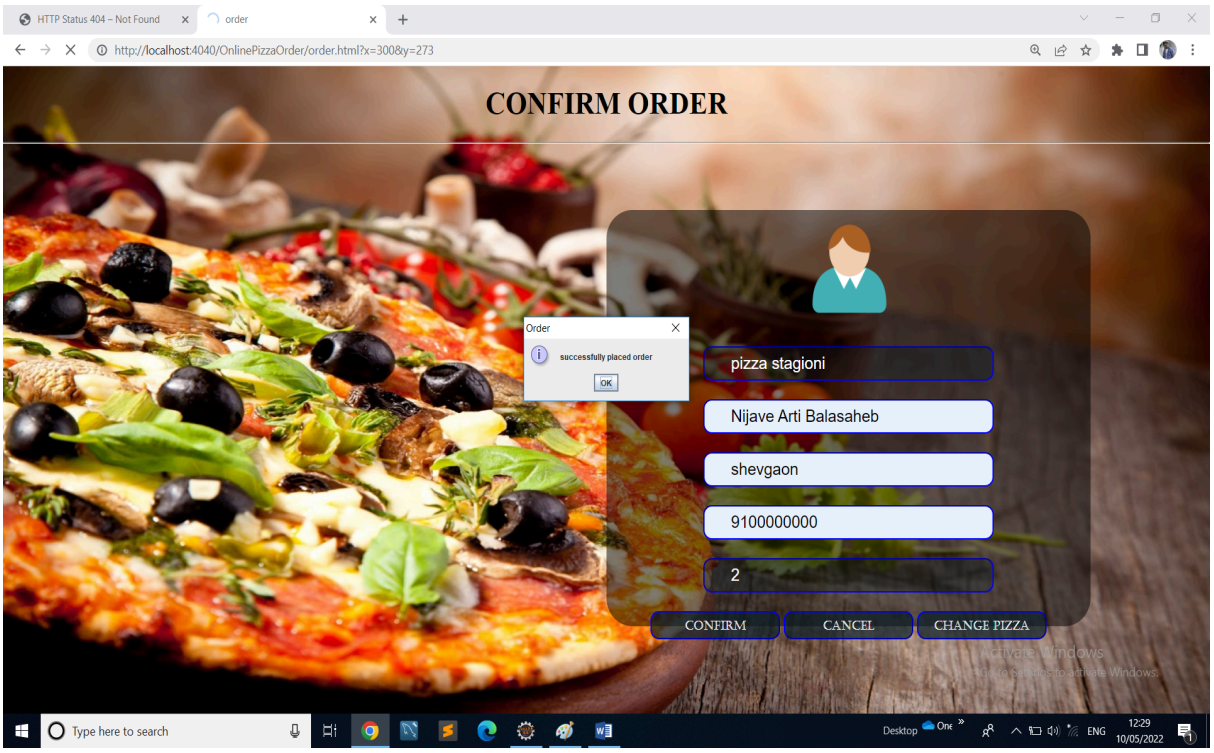



Pizza
File | C:/Users/SONALI/Desktop/ARTI%20PROJECT/OnlinePizzaOrder/WebContent/pizza.html
PIZZA MARGHERITA
PIZZA STAGIONI
PIZZA FORMAGI

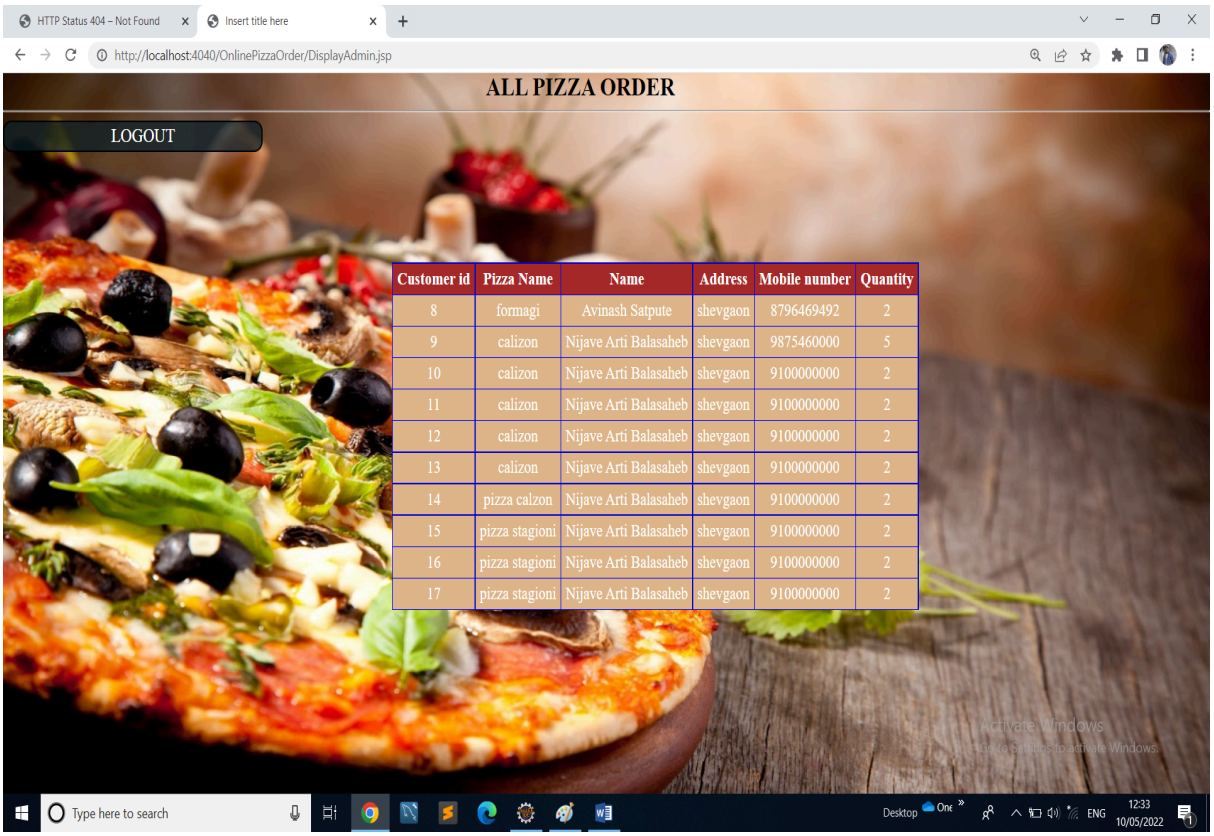

Pizza
File | C:/Users/SONALI/Desktop/ARTI%20PROJECT/OnlinePizzaOrder/WebContent/pizza.html
PIZZA BIANKA
PIZZA CALZON
PIZZA RUSTIKA


Pizza
File | C:/Users/SONALI/Desktop/ARTI%20PROJECT/OnlinePizzaOrder/WebContent/pizza.html
PIZZA STAGIONI
PIZZA RUSTKA
PIZZA CALZON
Logout

Order Confirmation:



All Pizza Order :



4. User Manual –

Limitations of project on Pizza Ordering System

Consider efforts have made the software easy to operate even for the people not related to the field of computer but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his inconvenience in working with the software.

Excel export has not been developed for Pizza Order due to some critically.

The transactions are executed in off-line mode hence online data for Customer, Order status capture and modification is not possible.

Off-line reports of Pizza, Coupon's, Customer cannot be generated due to batch mode execution.

Conclusion –

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful a package in satisfying all the requirement of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimate made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

A description of background and context of the project and its relation to work already done in the area.

Made statement of the aims and objectives of the project.

The description of Purpose, Scope and applicability.

We designed interface and security issues related toy system.

Finally, the system is implemented and tested according to test cases.

Scope of project –

In computer system the person has to fill the various forms and number of copies of the forms can be easily generated at a time.

In computer system it not necessary to create the manifest but we can directly print it, which saves our time.

To assist the staff in capturing the effort spent on their respective working areas.

It satisfies the user requirement.

Be easy to operate.

Have a good user interface.

Be expandable.

Delivered on schedule within the budget.

Bibli ography –

This refers to the book, which were gone through by me for completion of this project.

Sql server.

References –

www.google.com

www.w3schools.com

www.javatpoint.com

www.stackoverflow.com

A

Project Report

On

“Online Cafe System”

submitted in partial fulfillment of requirement of the Degree of

B.C.A. (Science)

Miss. Chat Poonam Achyutrav

(Bachelor of Computer Application (Science))

To

Savitribai Phule Pune University, Pune

(2022-2023)

Department of Computer Science

Late Abasaheb Kakade Art’s College, Bhodhegaon

CERTIFICATE

This is to certify that **Miss. Chat Poonam Achyutrav** Of TY.BCA (Science) have satisfactorily Completed the project entitled, **"Online Cafe System "** And submitted in partial fulfillment of requirement for the award of BCA(Science) III year (Sem-VI) during the academic year 2022-23 is record of students own work carried out under my supervision & guidance.

Date:

(Director sign) (External Sign) (Project guide sign)

Date:-

Director Recommendation

To,

The Register,

Savitribai Phule Pune University,

Pune.

Subject: - Request approval of BCA (Science)III (Sem-VI) Project Report.

I am recommending the report entitled **"Online Cafe System"** Prepared by **Miss. Chat Poonam Achyutrav**. As per partial fulfillment of university requirement for the award of Bachelor of Computer Application (BCA III, Sem-VI) degree of **Savitribai Phule Pune University**, **Late Abasaheb Kakade Art's College, Bhodhegaon**

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(Director)

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- Project Aims and Objectives
- Existing System And Need
- Scope.
- Operating EnvironmentHardware and software
- Detail Description of Technology used

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- proposed system
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- Feasibility Study
- Advantages of System

3. ANALYSIS AND DESIGN

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  - Class Diagram
  - Use Case Diagram
  - Component Diagram
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  - ER Diagram
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  - Activity Diagram
- Table Specifications.

4. USER MANUAL

5. DRAWBACKS AND LIMITATION

6. CONCLUSION

7. SCREEN SHORT

8. SAMPLE PROGRAM CODE

Project Aims And Objectives

Online cafe system is a web-based application which enables customers to order their café product online for home delivery or pick up from the pizzeria if you are planning to do Some other projects.

The main aim of this project Online Pizza Ordering System is to sell pizza online order. In this project Online Pizza Ordering System customers can give order from any place and pay cash on delivery or online.

This project provides information of customer details before making order. This project Online Pizza Ordering System is very helpful for customers in ordering custom pizzas.

This project provides a lot of features to manage in very well manner. In current system we have integrated a single payment system cash on delivery but in f we will enhance it with online payment system.

When an order has been confirmed by a customer order processing begins.

In this project the front end is Java and back end is MYSQL.

Existing System and Need

● About Existing System-

- This project is a simulation of taking of orders at a pizza takeout restaurant. It can be used as a template for any retail type business.

- The order from works by finding the customer by phone number. Enter a phone number to find if he is an existing customer or new one. If he is an existing customer, the order process begins and if the phone number is not existed in the database save the details of the customer. You can add as many pizzas as you want in the order.

● Need For System-

- You must have ordered your pizzas by phone for home delivery. The process seems easy to use but at times there is miscommunication.

- As there is no visual menu shown during a phone call the employees have to repeat a lot of things again and again to the customers.
- It's time-consuming process which at times irritates customers. Also, it takes a lot of time of the pizzeria staff.

- It would be much more comfortable for the customers to have an online pizza ordering system. It would be hassle free for users as they can select the pizzas they want and make payment for it. Also, it will reduce the purchasing time for customers.

- Let us look at another benefit of using this system. Suppose I go to pizzeria and make the order. Even after ordering pizzas from their outlet have to wait at least 15 minutes for my order to be ready.

- Wouldn't it be much more convenient if I ordered my pizzas before using a mobile app or an online system and then it will tell me the time by which I have to pick my order from their counter.

- It would be great for me as I don't need to wait for my pizza. I need to reach there only when my pizza is ready.

- In a nutshell, we can say that improved and efficient services are provided to the customers by the inclusion of internet in your business

Scope

It may help collecting perfect management in details. In a very short time. The collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Pizza Ordering System. It will be also reduced the cost of collecting the management and collection procedure will go on smoothly.

Our project aims at Business process automation, i.e., we have tried to computerized various processes of Pizza Ordering System.

In computer system the person has to fill the various forms and number of copies of forms can be easily generated at a time.

In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.

- To assist the staff in capturing the effort spend on their respective working areas.
- It satisfies the user requirement.
- Be easy to understand by the user and operator.
- Have a good user interface.
- Be expandable.
- Delivered on schedule within the budget.

Operating Environment Hardware and Software

Hardware Requirement:

Processor	I5 processor
Hard disk	512GB
RAM	4GB
Monitor	VGA/SVGA/Color Monitor
Other Hardware	Keyboard, Mouse, Printer, etc.

Software Requirement:

Operating System	Windows 10
Front End	JAVA(J2EE), HTML CSS, JavaScript, Bootstrap
Back End	MySQL

Detail Description of Technology Used

Technologies to be used:

Java virtual machine and JDK servlet.

My-SQL queries.

Proposed System

Proposed System

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduce the manual work.

- Security of data.
- Ensure data accuracy.
- Proper control of higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
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- User friendliness and interactive.
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This section describes the objective that are achieved in the project.

- **Build your own pizza:** This system will help customers in ordering custom pizzas. So the customer will pick exactly the things which he/she wants in their pizza. This will surely enhance the image of the pizzeria and customers satisfaction will be more.
- **Better knowledge:** This system will provide customer all the details of his order before making the order. This confirmation will help customers to check the items ordered with their prices.
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- **Know Delivery time:** This system will show the time by which the order will be delivered to the customer. For pick-ups customers can fix the time by which they will pick their order.
- **Reduce paper work:** As most of thing will be performed online, it will reduce the usage of paper for the pizzeria.

Improve Efficiency: This system will make things easier for staff as whole ordering process is done by the customer only.

Feasibility Study

Economic Feasibility Study

This study is carried out to check the economic impact that the system will have on the organization. The amount of fund that the company can pour into the research and development of system is limited, the expenditures must be justified. Thus the developed system was well within the budget and this was achieved because most of the technologies used are freely available. Only customized products had to be purchased.

Technical Feasibility Study

This study is carried out to check the technical facility, that is, the technical requirements of the system. Any system developed must not have ahigh demand on the available technical resources. This developed system has modest technical requirements, as only minimal or null changes are required for implementing this system.

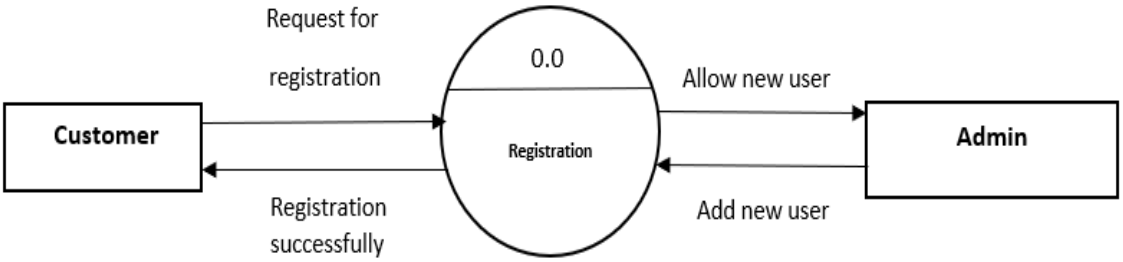
Advantages Of System

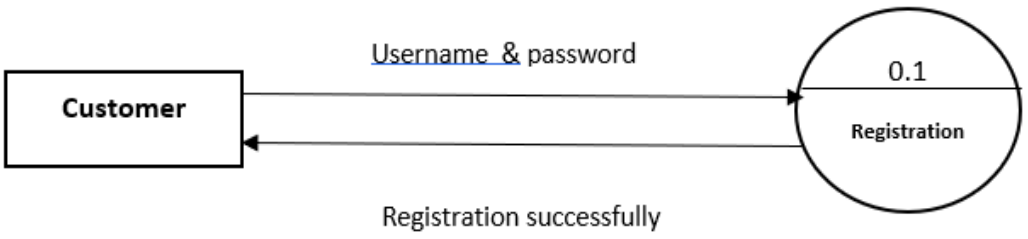
- The most significant benefit is that it helps you to improve your relationship with customer.
- Provide the best service in a really short time which will lead to satisfied customers with a cafe management system.
- Provide a lot of facilities to your customers with the help of system. For example, provide your customers with many billing options such as cash, card, online pay, etc.

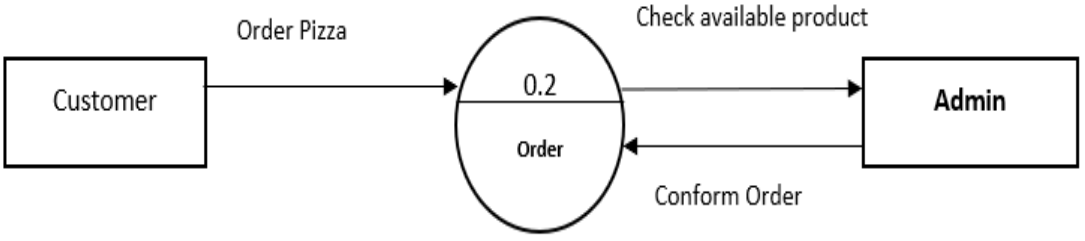
Analysis and Design

Data Flow Diagram

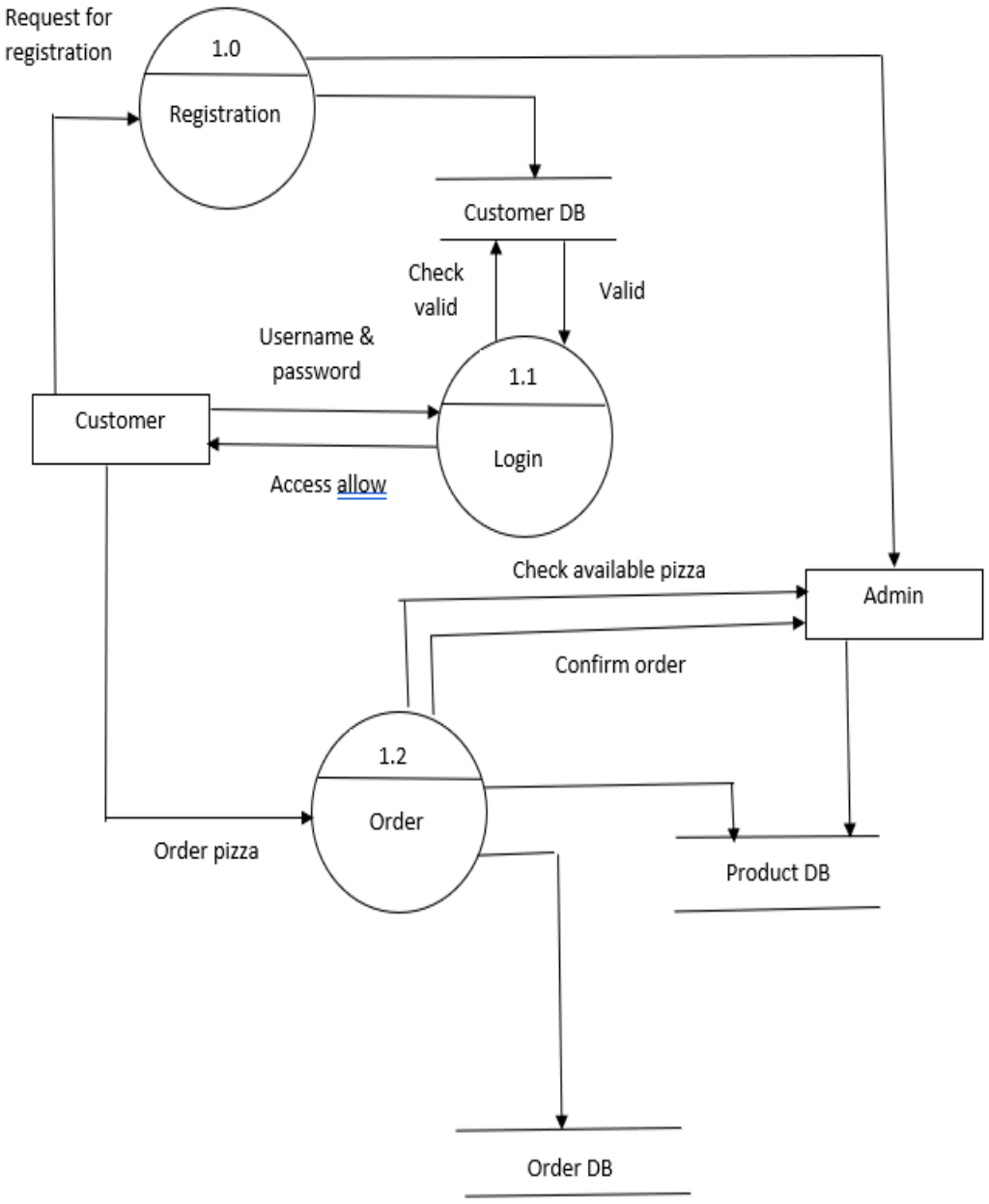
I) Context Level



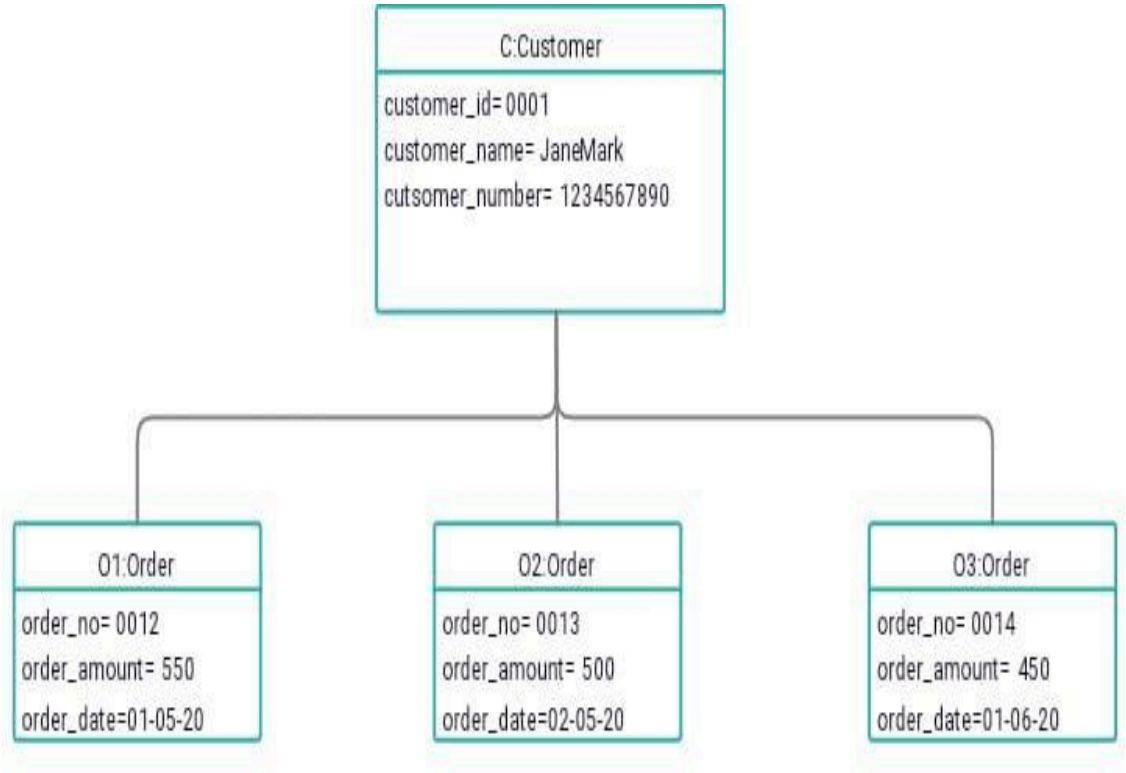




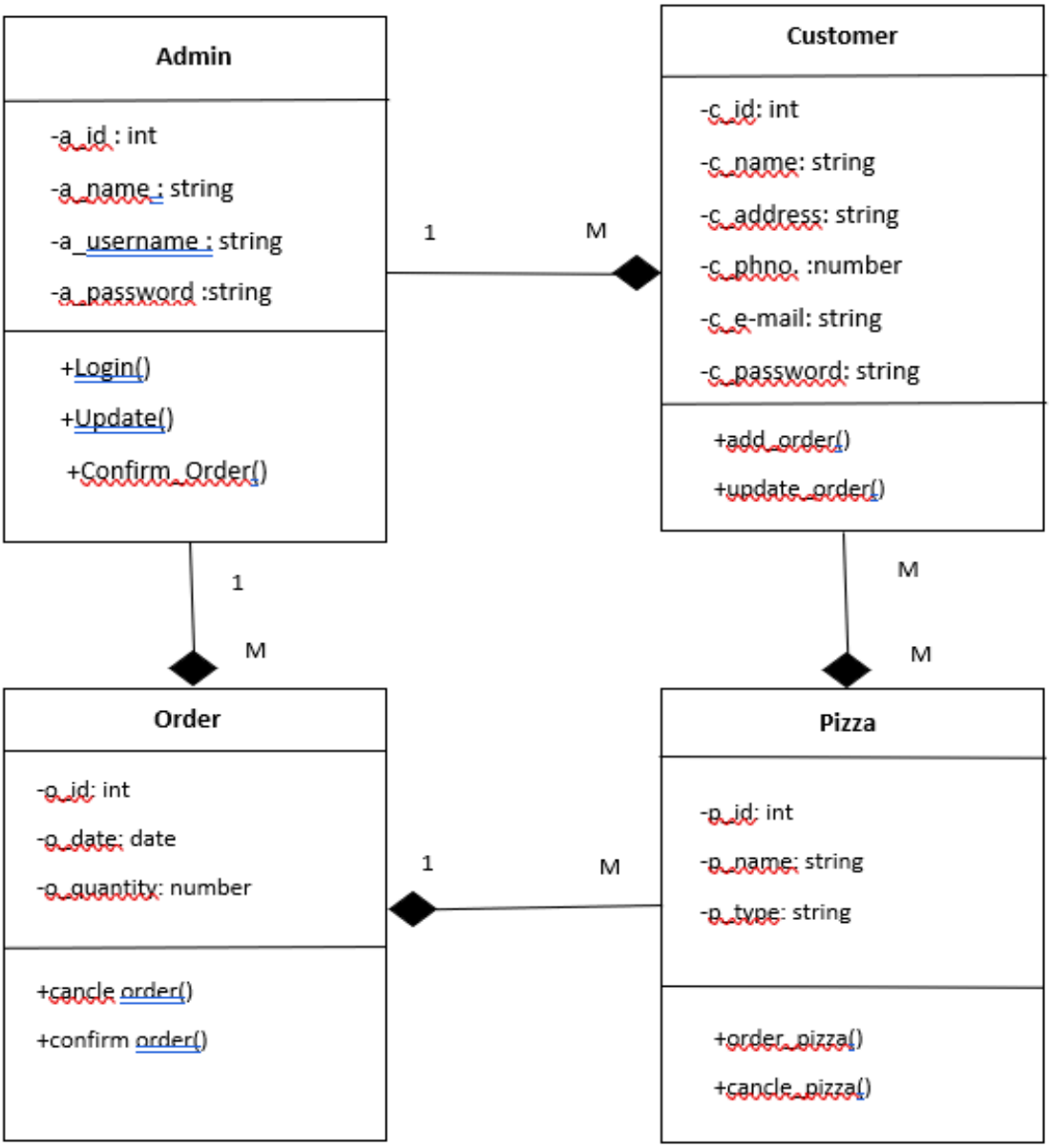
II) First Level



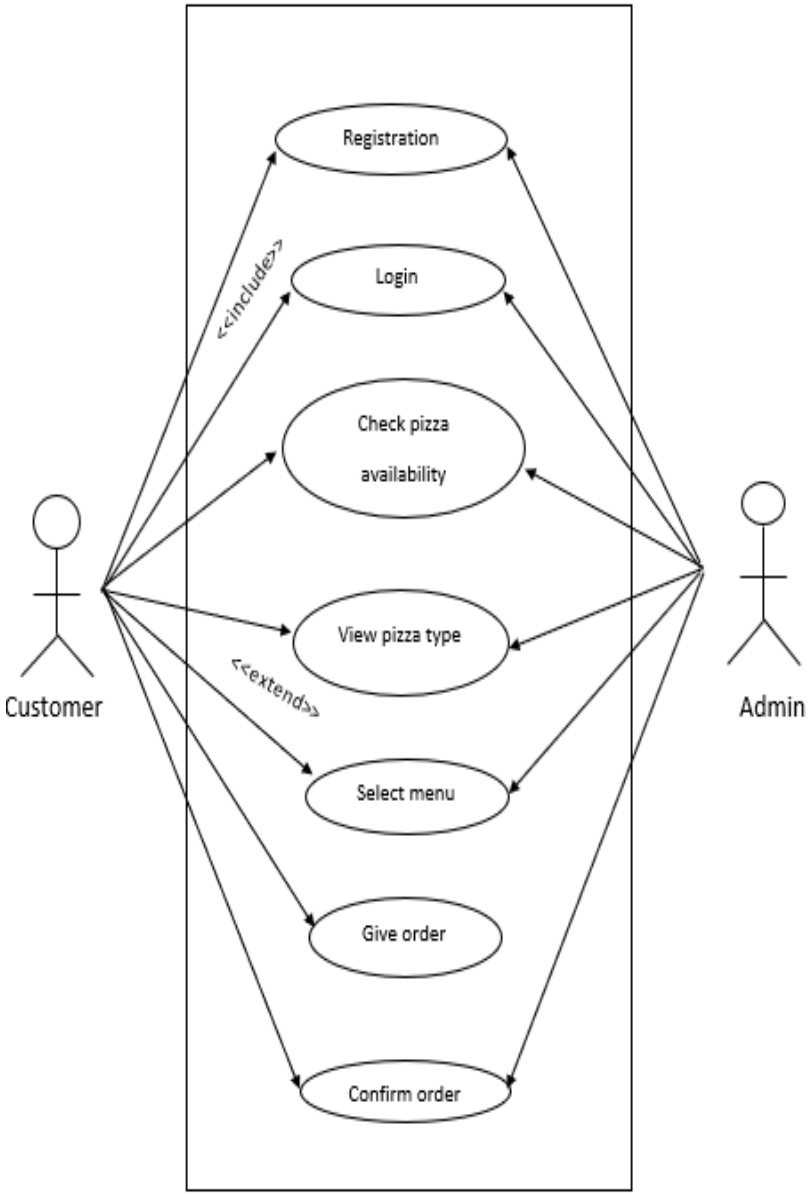
Object Diagram



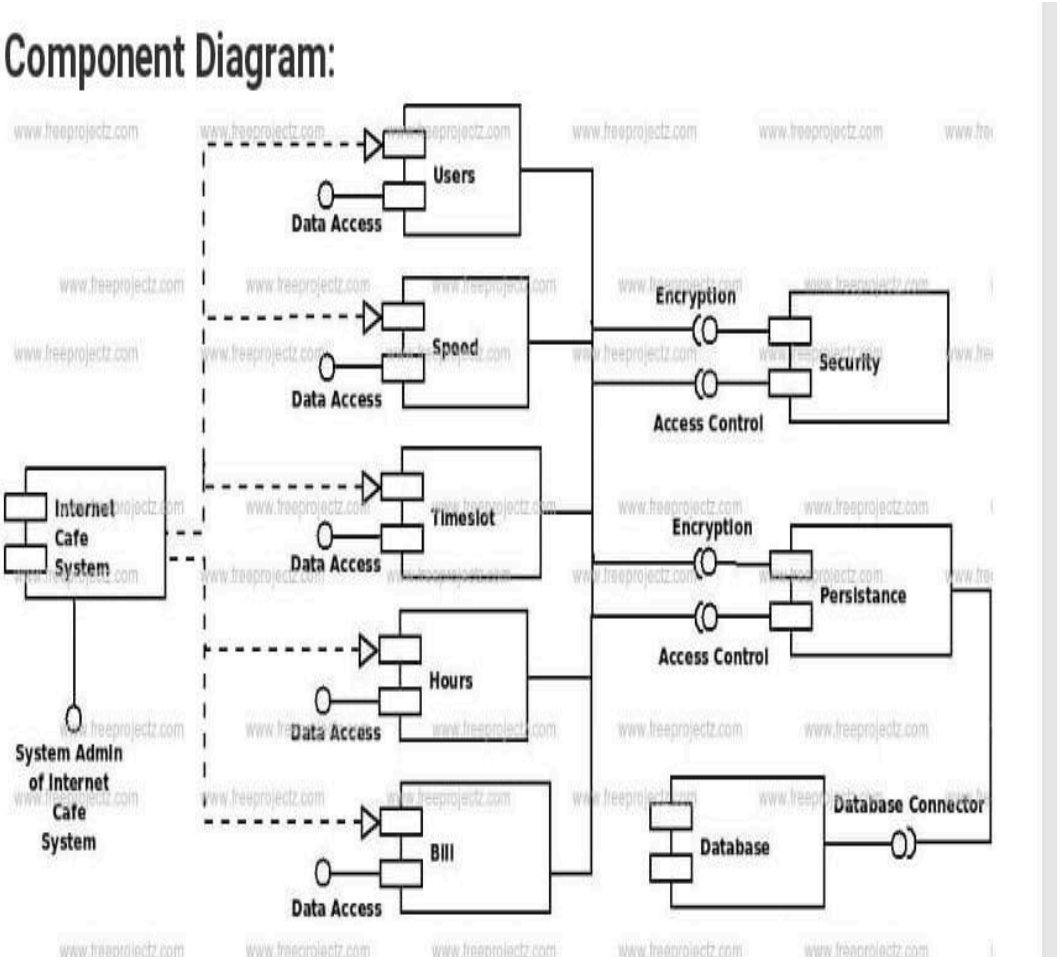
Class Diagram



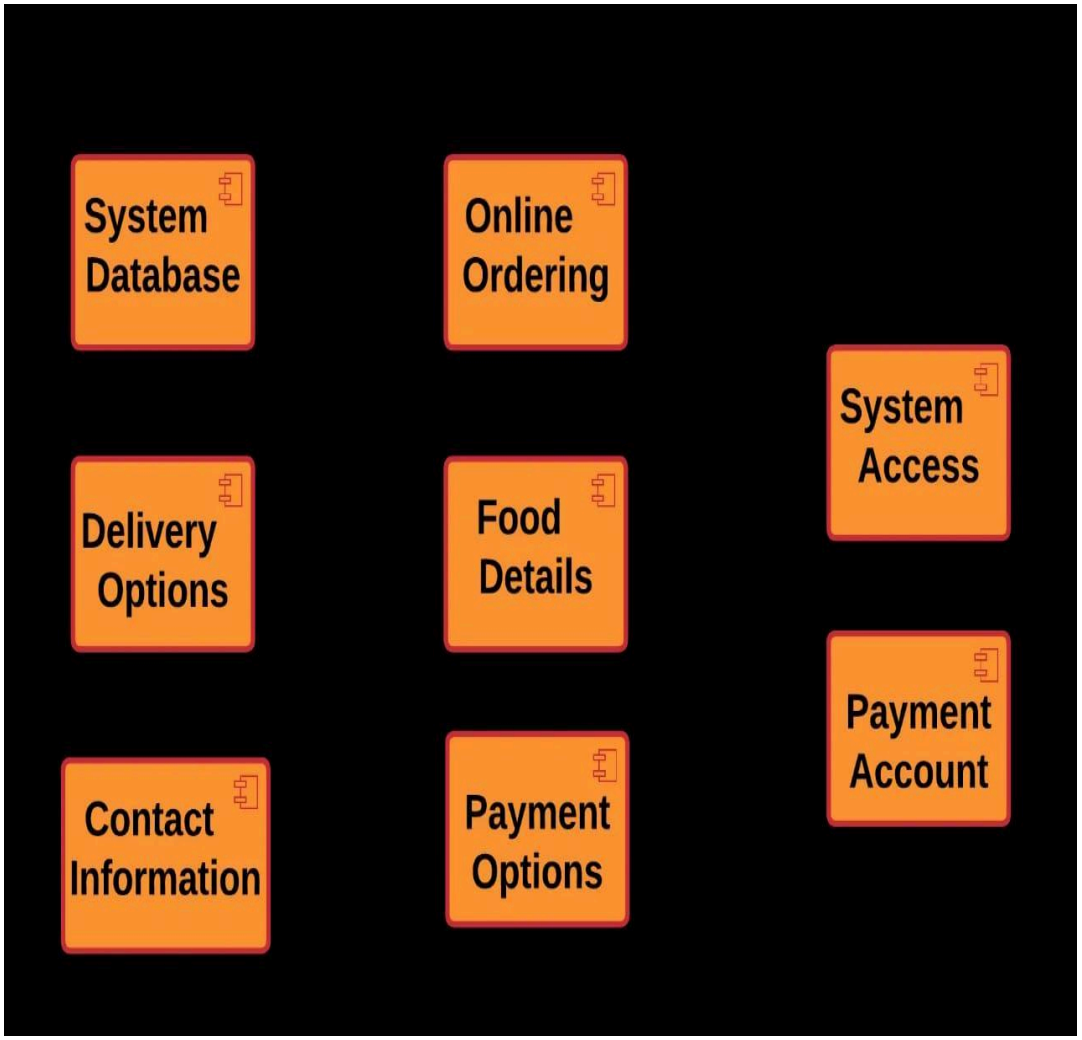
Use Case Diagram



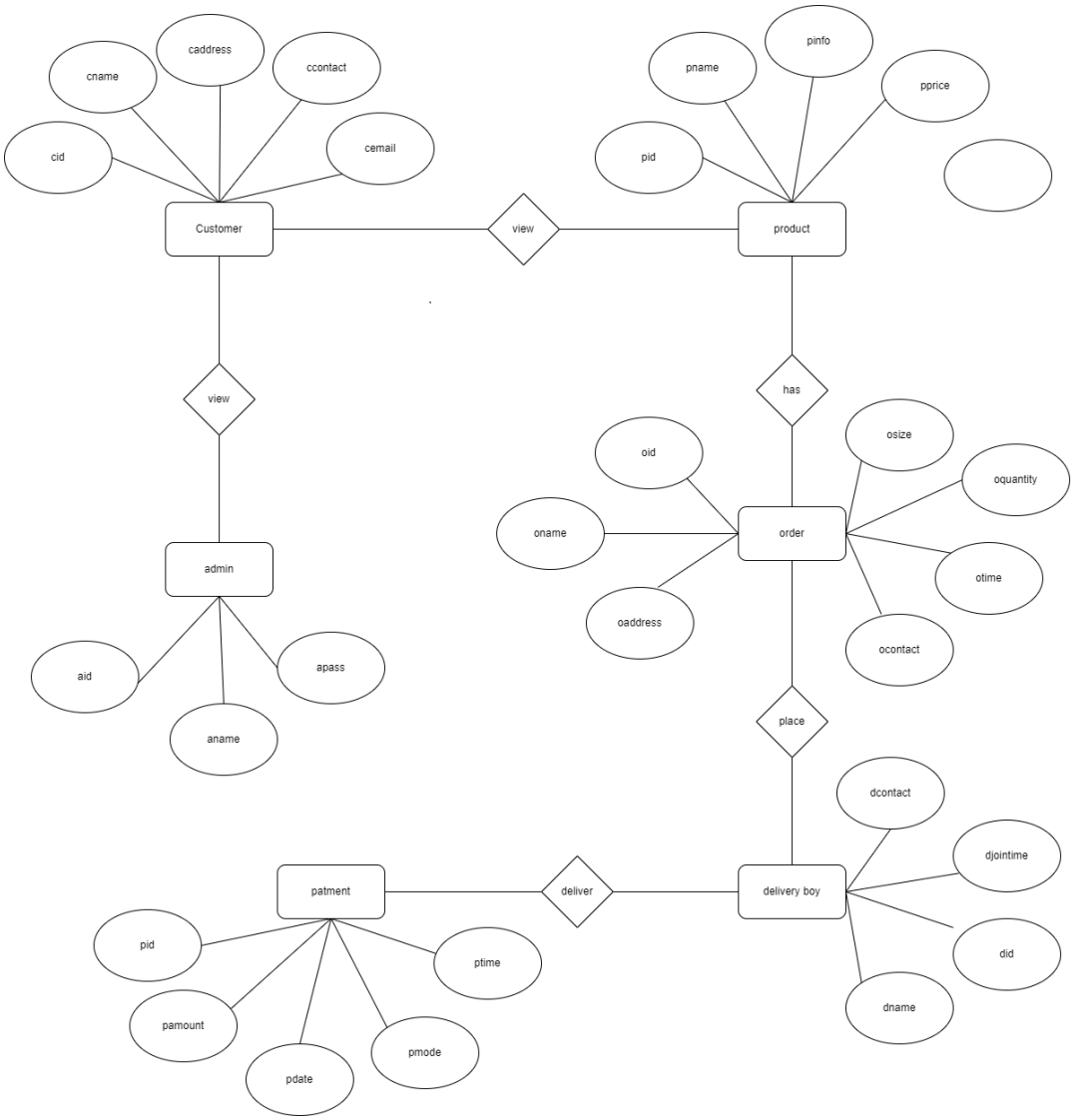
Component Diagram



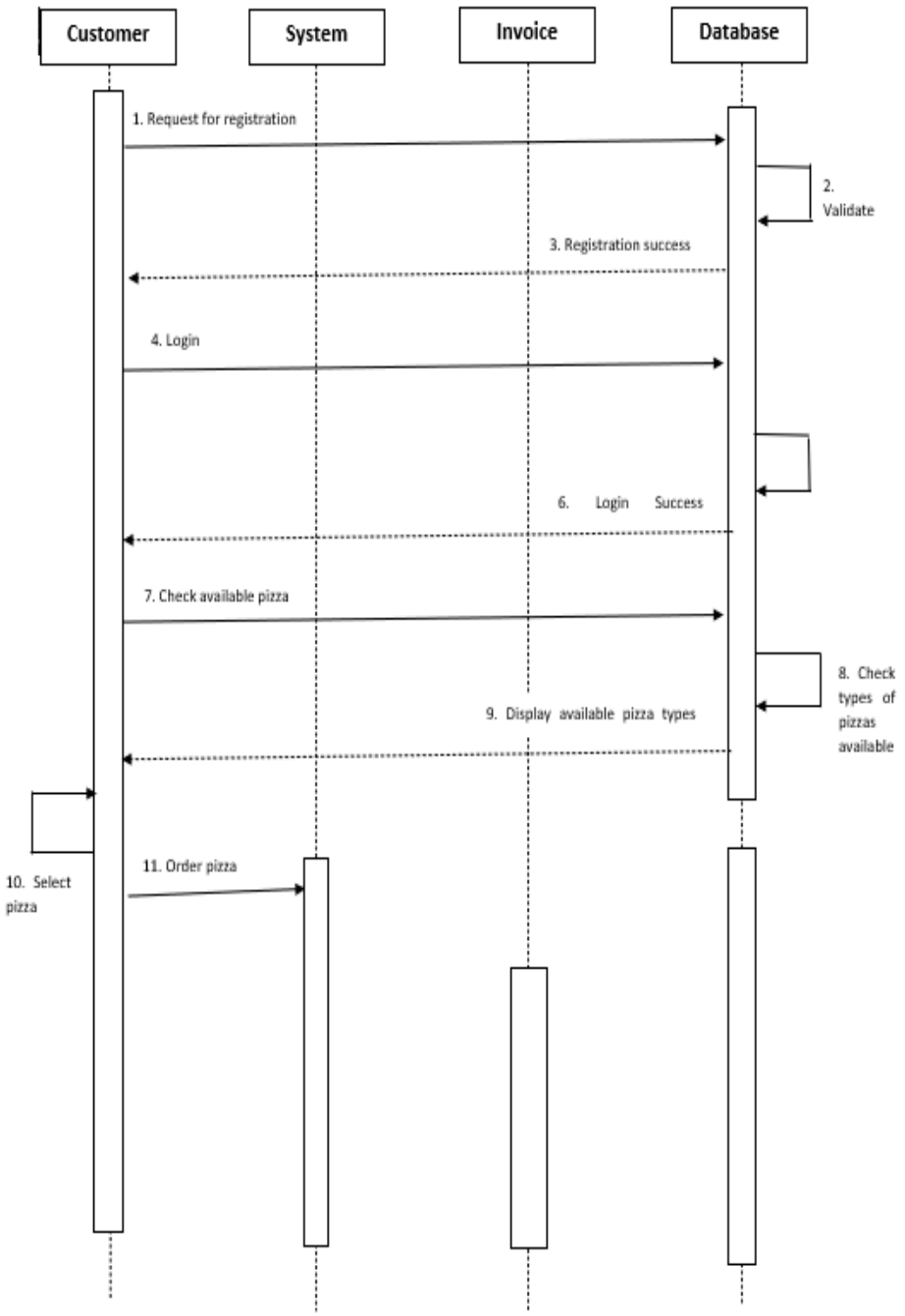
Deployment Diagram



ER Diagram


caddress
cname
ccontact
cid
cemail
Customer
view
pname
pinfo
pprice
pid
product
view
has
admin
oid
osize
oquantity
oname
order
otime
oaddress
ocontact
aid
apass
aname
place
dcontact
djointime
patment
deliver
delivery boy
pid
ptime
did
pamount
dname
pmode
pdate

Sequence Diagram



Activity Diagram

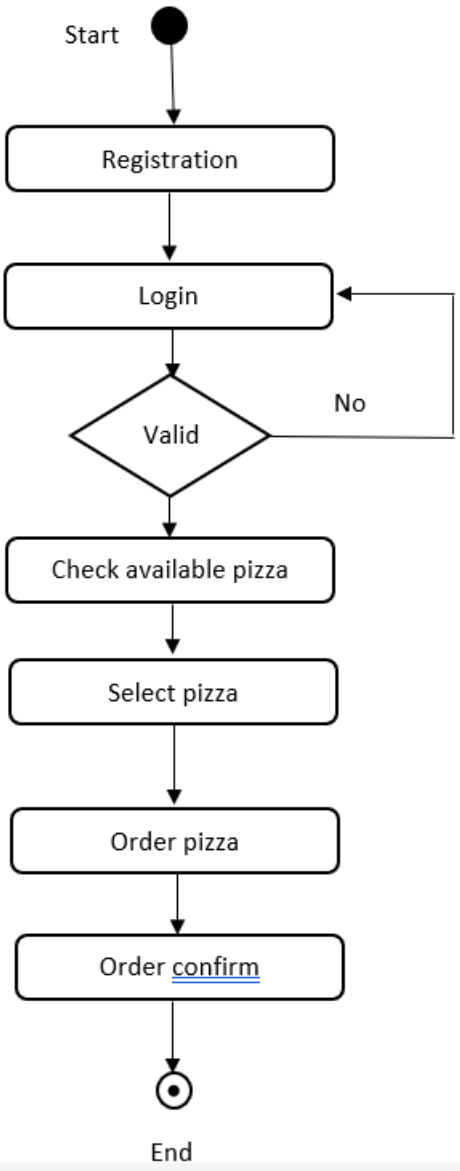


Table Specification

1)Table Name - Registration

Sr. No.	Attribute	Datatype	Key
1	User id	int	Primary Key
2	Name	Varchar (200)	
3	Address	Varchar (100)	
4	Mb. No.	Number (10)	
5	E-mail	Varchar (100)	
6	Password	Varchar (100)	

2)Table Name – Login

Sr. No.	**Attribute**	**Datatype**	**Key**
1	User id	int	Primary Key
2	Username	Varchar (20)	
3	Password	Varchar (20)	

User Manual

Limitations of project on Pizza Ordering System

Consider efforts have made the software easy to operate even for the people not related to the field of computer but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his inconvenience in working with the software.

Excel export has not been developed for Pizza Order due to some critically.

The transactions are executed in off-line mode hence online data for Customer, Order status capture and modification is not possible.

Off-line reports of Pizza, Coupon's, Customer cannot be generated due to batch mode execution.

Drawbacks And Limitation

- **Price**

  At the time of doing online shopping the premium price has to be paid.

  In exchange for the legwork that is saved one has to pay for it. Moreover in case of surplus sales , the offline store let out special deal in order to clear the stork.

Conclusion

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful a package in satisfying all the requirement of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimate made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

A description of background and context of the project and its relation to work already done in the area.

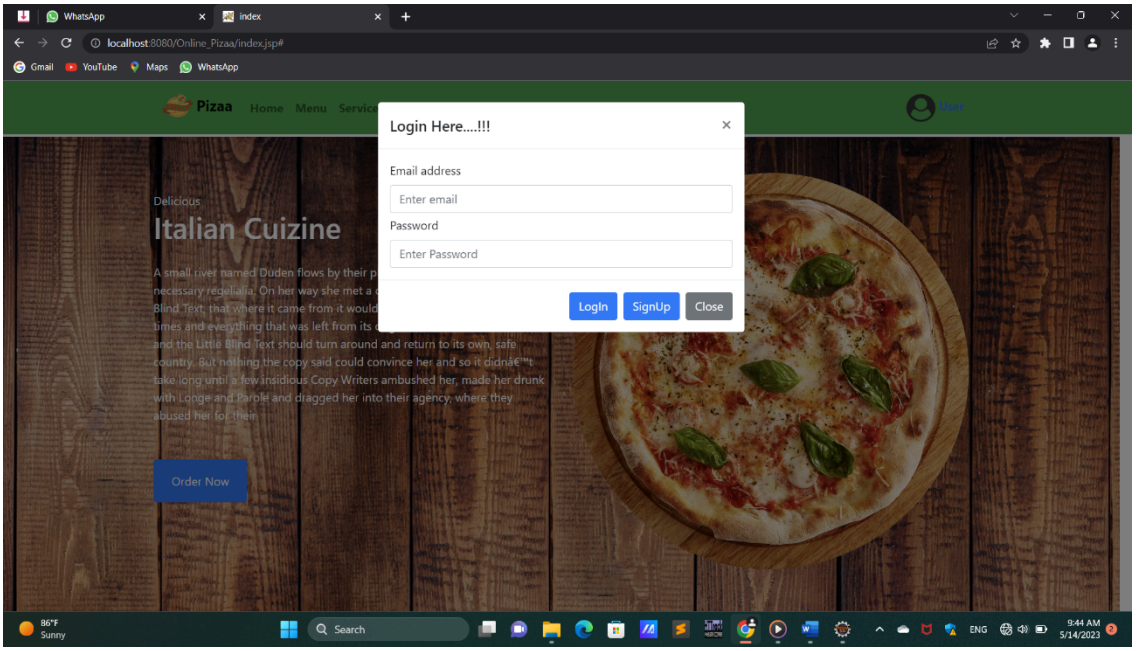
Made statement of the aims and objectives of the project.

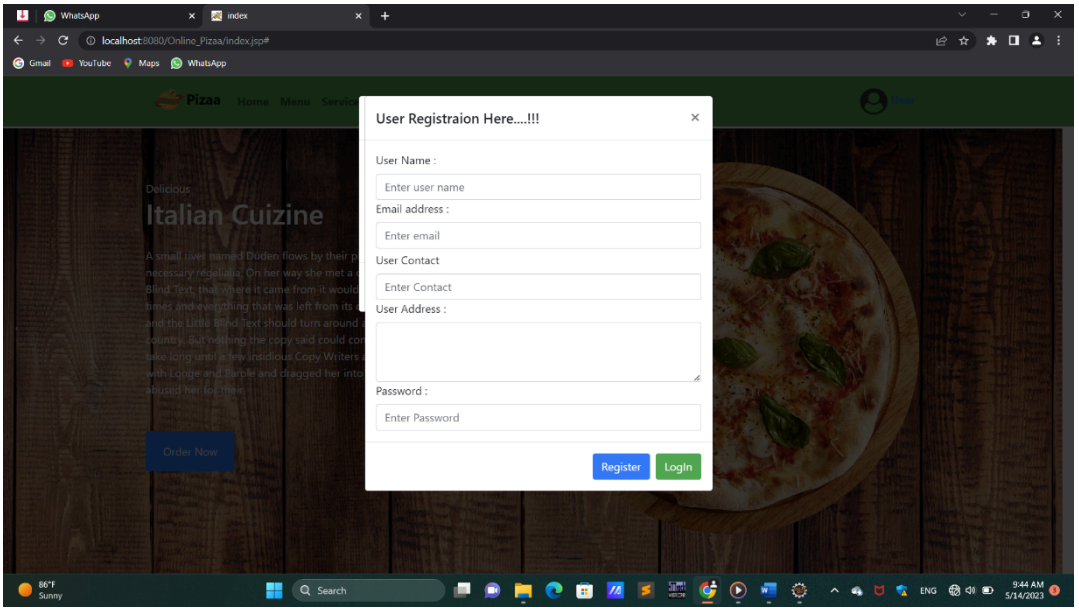
The description of Purpose, Scope and applicability.

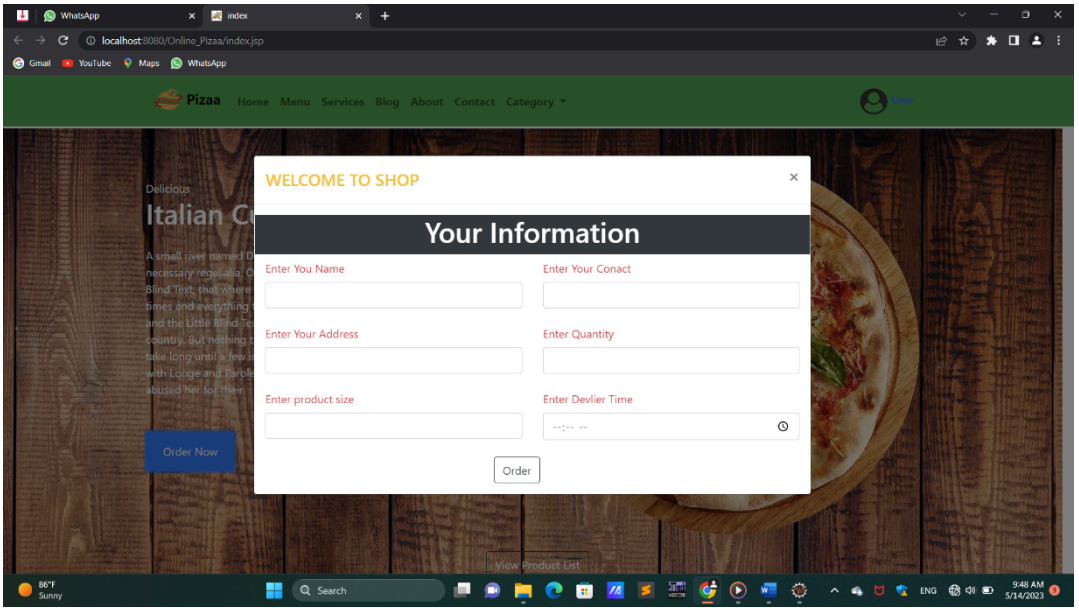
We designed interface and security issues related toy system.

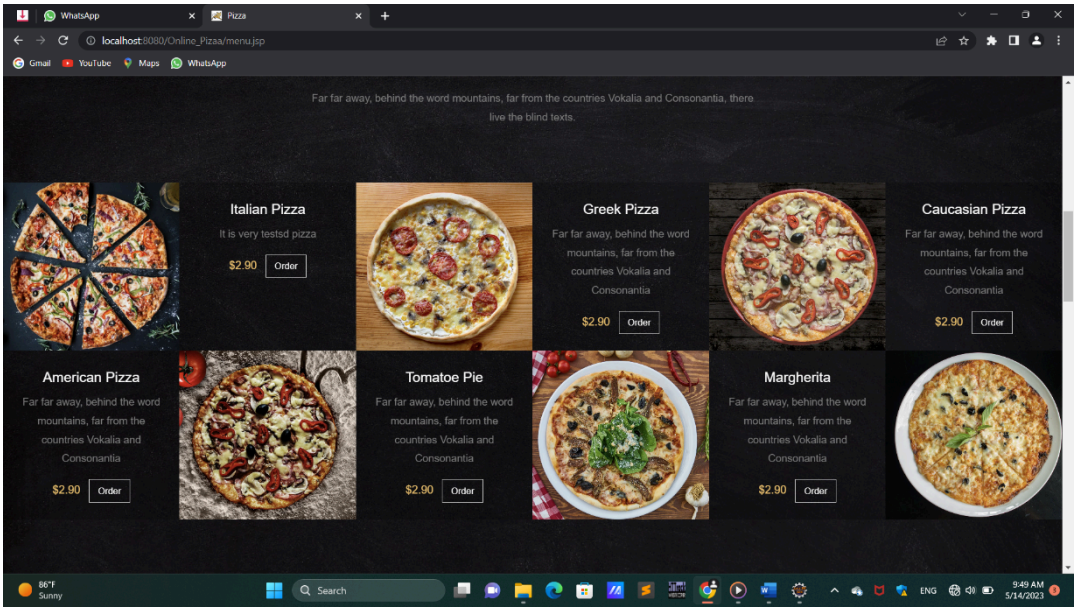
Finally, the system is implemented and tested according to test cases.

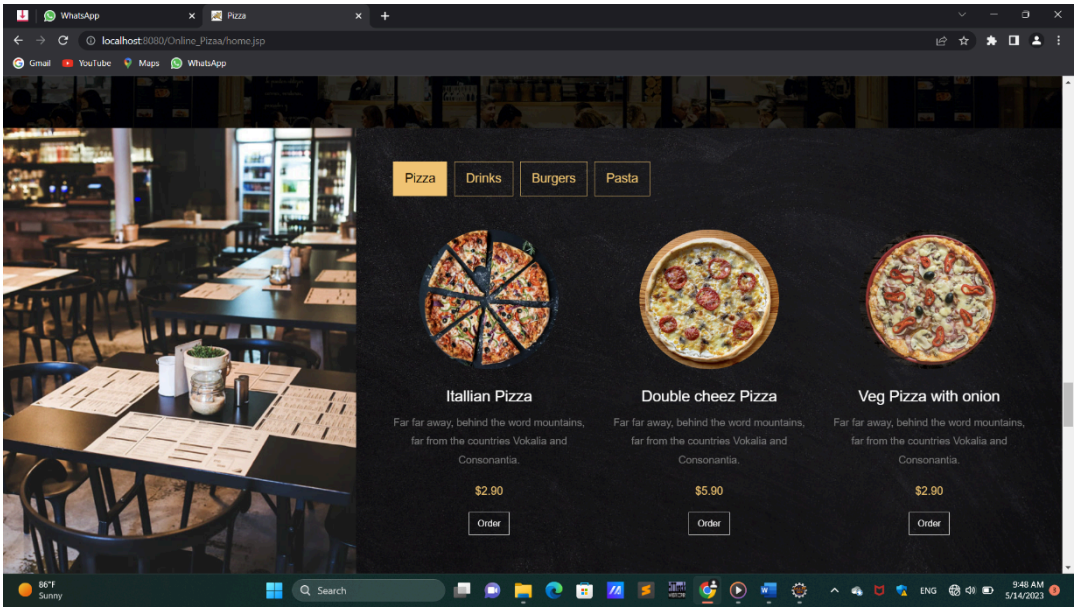
Screen Short

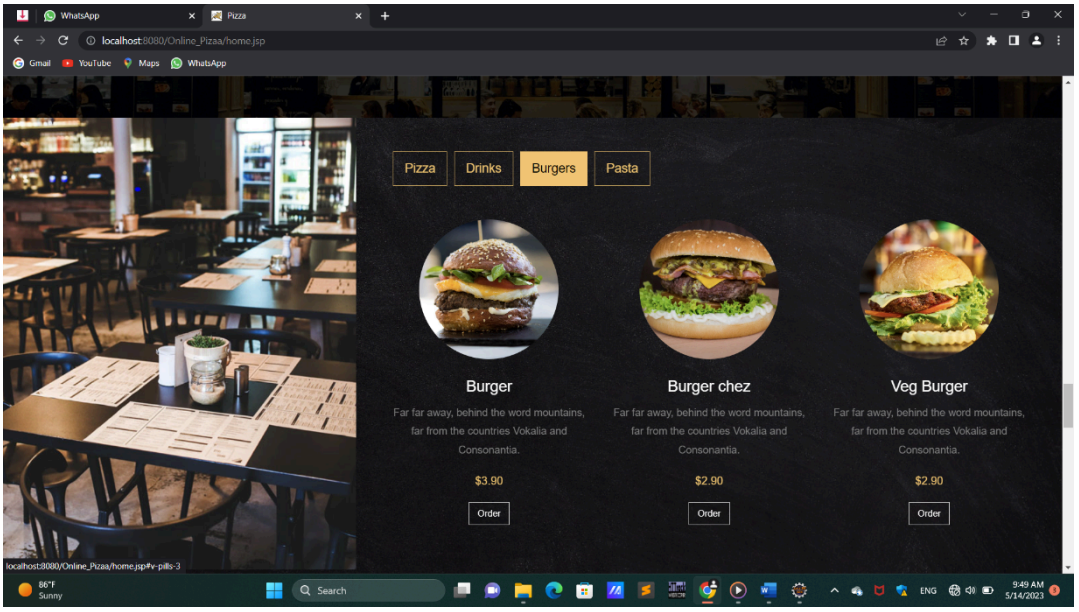


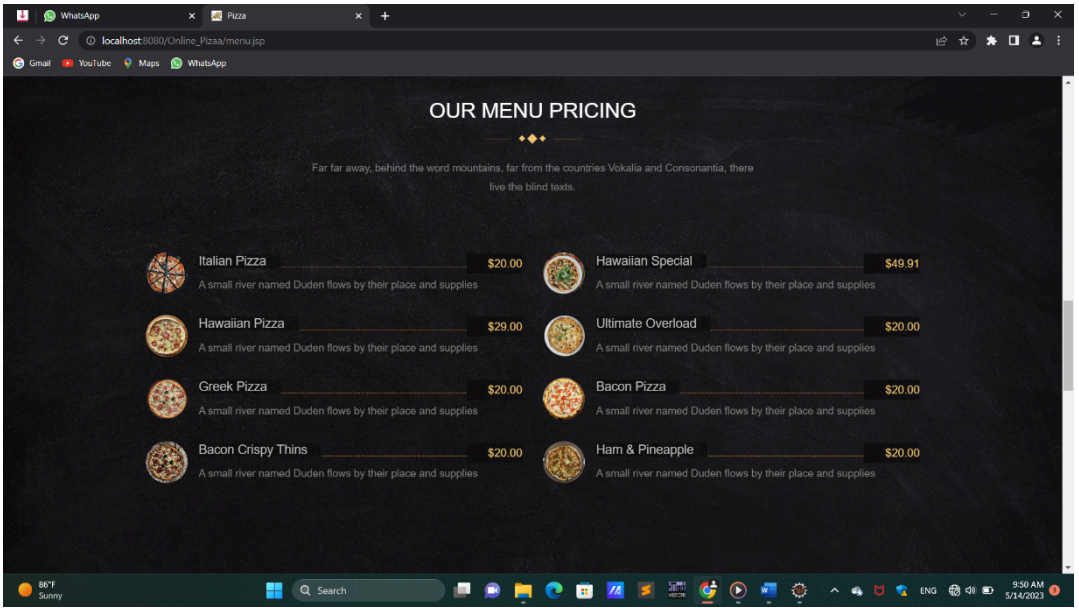

WhatsApp
index
localhost:8080/Online_Pizaa/index.jsp#
Gmail
YouTube
Maps
WhatsApp
Pizaa
Home
Menu
Service
User
Delicious
Italian Cuizine
Order Now
User Registraion Here....!!!
User Name :
Enter user name
Email address :
Enter email
User Contact
Enter Contact
User Address :
Password :
Enter Password
Register
LogIn
86°F
Sunny
Search
ENG
9:44 AM
5/14/2023


WhatsApp
index
localhost:8080/Online_Pizaa/index.jsp
Gmail
YouTube
Maps
WhatsApp
Pizaa
Home
Menu
Services
Blog
About
Contact
Category
User
Delicious
Italian C
Order Now
WELCOME TO SHOP
Your Information
Enter You Name
Enter Your Conact
Enter Your Address
Enter Quantity
Enter product size
Enter Devlier Time
--:-- --
Order
View Product List
86°F
Sunny
Search
ENG
9:48 AM
5/14/2023


WhatsApp
Pizza
localhost:8080/Online_Pizaa/menu.jsp
Gmail
YouTube
Maps
WhatsApp
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.
Italian Pizza
It is very testsd pizza
$2.90
Order
Greek Pizza
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia
$2.90
Order
Caucasian Pizza
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia
$2.90
Order
American Pizza
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia
$2.90
Order
Tomatoe Pie
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia
$2.90
Order
Margherita
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia
$2.90
Order
86°F
Sunny
Search
ENG
9:49 AM
5/14/2023


WhatsApp
Pizza
localhost:8080/Online_Pizaa/home.jsp
Gmail
YouTube
Maps
WhatsApp
Pizza
Drinks
Burgers
Pasta
Itallian Pizza
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$2.90
Order
Double cheez Pizza
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$5.90
Order
Veg Pizza with onion
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$2.90
Order
86°F
Sunny
Search
ENG
9:48 AM
5/14/2023


WhatsApp
Pizza
localhost:8080/Online_Pizaa/home.jsp
Gmail
YouTube
Maps
WhatsApp
Pizza
Drinks
Burgers
Pasta
Burger
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$3.90
Order
Burger chez
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$2.90
Order
Veg Burger
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.
$2.90
Order
localhost:8080/Online_Pizaa/home.jsp#v-pills-3
86°F
Sunny
Search
ENG
9:49 AM
5/14/2023


WhatsApp
Pizza
localhost:8080/Online_Pizaa/menu.jsp
Gmail
YouTube
Maps
WhatsApp
OUR MENU PRICING
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.
Italian Pizza
$20.00
A small river named Duden flows by their place and supplies
Hawaiian Special
$49.91
A small river named Duden flows by their place and supplies
Hawaiian Pizza
$29.00
A small river named Duden flows by their place and supplies
Ultimate Overload
$20.00
A small river named Duden flows by their place and supplies
Greek Pizza
$20.00
A small river named Duden flows by their place and supplies
Bacon Pizza
$20.00
A small river named Duden flows by their place and supplies
Bacon Crispy Thins
$20.00
A small river named Duden flows by their place and supplies
Ham & Pineapple
$20.00
A small river named Duden flows by their place and supplies
86°F
Sunny
Search
ENG
9:50 AM
5/14/2023

Sample Program Code

```
<%@ page language="java"
contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">

<meta http-equiv="content-type"
content="text/html;charset=utf-8"
/><head>
    <title>Pizza </title>
    <meta charset="utf-8">
    <meta name="viewport"
content="width=device-width,
initial-scale=1, shrink-to-fit=no">

    <link
href="https://fonts.googleapis.com/css?fa
mily=Poppins:300,400,500,600,700"
rel="stylesheet">
    <link
href="https://fonts.googleapis.com/css?fa
mily=Josefin+Sans" rel="stylesheet">
    <link
href="https://fonts.googleapis.com/css?fa
mily=Nothing+You+Could+Do"
rel="stylesheet">


        <link rel="stylesheet"
href="css/animate.css">
```

```
    <link rel="stylesheet"
href="css/owl.carousel.min.css">

    <link rel="stylesheet"
href="css/magnific-popup.css">


    <link rel="stylesheet"
href="css/bootstrap-datepicker.css">
    <link rel="stylesheet"
href="css/jquery.timepicker.css">


    <link rel="stylesheet"
href="css/flaticon.css">
    <link rel="stylesheet"
href="css/icomoon.css">
    <link rel="stylesheet"
href="css/style.css">


    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/l
ibs/font-awesome/4.7.0/css/font-awesome.m
in.css">
    <script
src='https://kit.fontawesome.com/a076d053
99.js' crossorigin='anonymous'></script>
  </head>
  <body>


  <!-- navbar -->

    <nav id="box" class="navbar
navbar-expand-lg navbar-light
bg-success">
     <div class="container">
```

```
  <a class="navbar-brand" href="#"><img
alt="" src="img/p.png" style="width: 50px;
height: 40px;"><b>Pizaa</b></a>
  <button class="navbar-toggler"
type="button" data-toggle="collapse"
data-target="#navbarSupportedContent"
aria-controls="navbarSupportedContent"
aria-expanded="false" aria-label="Toggle
navigation">
    <span
class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse"
id="navbarSupportedContent">
    <ul class="navbar-nav mr-auto">
      <li class="nav-item">
        <a class="nav-link"
href="home.jsp"><b>Home</b> </a>
      </li>
      <li class="nav-item">
        <a class="nav-link"
href="menu.jsp"><b>Menu</b></a>
      </li>
      <li class="nav-item">
        <a class="nav-link"
href="services.jsp"><b>Services</b></a>
      </li>
      <li class="nav-item">
        <a class="nav-link"
href="blog.jsp"><b>Blog</b></a>
      </li>
      <li class="nav-item">
        <a class="nav-link"
href="about.jsp"><b>About</b></a>
      </li>
      <li class="nav-item">
```

```
          <a class="nav-link"
href="contact.jsp"><b>Contact</b></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link
dropdown-toggle" href="#"
id="navbarDropdown" role="button"
data-toggle="dropdown"
aria-haspopup="true"
aria-expanded="false">
            <b>Category</b>
          </a>
          <div class="dropdown-menu"
aria-labelledby="navbarDropdown">
            <a class="dropdown-item"
href="#">Veg</a>

          </div>
        </li>

      </ul>
      <div class="dropdown show">
          <a class="nav-link bg-red"
href="#"id="dropdownMenuLink"
data-toggle="dropdown"
aria-haspopup="true"
aria-expanded="false"><img alt=""
src="img/tt.png" style="width: 40px;
height: 40px;"><b>   User</b></a>
    <div class="dropdown-menu"
aria-labelledby="dropdownMenuLink">
      <a class="dropdown-item"
href="#"><button type="button" class="btn
btn-outline-success" data-toggle="modal"
data-target="#exampleModal">LogIn</button>
    </a>
```

```
    <a class="dropdown-item"
href="#"><button type="button" class="btn
btn-outline-warning">LogOut</button>
</a>

  </div>
</div>
  </div>
  </div>
</nav>

    <section class="home-slider
owl-carousel img" style="background-image:
url(images/bg_1.jpg);">

      <div class="slider-item"
style="background-image:
url(images/bg_3.jpg);">
        <div class="overlay"></div>
        <div class="container">
          <div class="row slider-text
justify-content-center
align-items-center">

            <div class="col-md-7 col-sm-12
text-center ftco-animate">
                <h1 class="mb-3 mt-5
bread">Our Menu</h1>
                <p
class="breadcrumbs"><span class="mr-2"><a
href="index.html">Home</a></span>
<span>Menu</span></p>
            </div>

          </div>
        </div>
      </div>
    </section>
```

```
        <section class="ftco-section">
        <div class="container">
            <div class="row
justify-content-center mb-5 pb-3">
          <div class="col-md-7
heading-section ftco-animate
text-center">
             <h2 class="mb-4">Our Menu</h2>
             <p>Far far away, behind the
word mountains, far from the countries
Vokalia and Consonantia, there live the
blind texts.</p>
          </div>
         </div>
        </div>
        <div class="container-wrap">
            <div class="row no-gutters
d-flex">
                <div class="col-lg-4
d-flex ftco-animate">
                    <div
class="services-wrap d-flex">
                        <a href="#"
class="img" style="background-image:
url(images/pizza-1.jpg);"></a>
                        <div class="text
p-4 text-center">
                            <h3>Italian
Pizza</h3>
                            <p>It is very
testsd pizza  </p>
                            <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                        </div>
```

```
                    </div>
                </div>
                <div class="col-lg-4
d-flex ftco-animate">
                    <div
class="services-wrap d-flex">
                        <a href="#"
class="img" style="background-image:
url(images/pizza-2.jpg);"></a>
                        <div class="text
p-4 text-center">
                            <h3>Greek
Pizza</h3>
                            <p>Far far
away, behind the word mountains, far from
the countries Vokalia and Consonantia</p>
                            <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                        </div>
                    </div>
                </div>
                <div class="col-lg-4
d-flex ftco-animate">
                    <div
class="services-wrap d-flex">
                        <a href="#"
class="img" style="background-image:
url(images/pizza-3.jpg);"></a>
                        <div class="text
p-4 text-center">
                            <h3>Caucasian
Pizza</h3>
                            <p>Far far
away, behind the word mountains, far from
the countries Vokalia and Consonantia</p>
```

```
                                <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4
d-flex ftco-animate">
                        <div
class="services-wrap d-flex">
                            <a href="#"
class="img order-lg-last"
style="background-image:
url(images/pizza-4.jpg);"></a>
                            <div class="text
p-4 text-center">
                                <h3>American
Pizza</h3>
                                <p>Far far
away, behind the word mountains, far from
the countries Vokalia and Consonantia </p>
                                <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                            </div>
                        </div>
                    </div>
                    <div class="col-lg-4
d-flex ftco-animate">
                        <div
class="services-wrap d-flex">
                            <a href="#"
class="img order-lg-last"
```

```
style="background-image:
url(images/pizza-5.jpg);"></a>
                        <div class="text
p-4 text-center">
                            <h3>Tomatoe
Pie</h3>
                            <p>Far far
away, behind the word mountains, far from
the countries Vokalia and Consonantia</p>
                            <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                        </div>
                    </div>
                </div>
                <div class="col-lg-4
d-flex ftco-animate">
                    <div
class="services-wrap d-flex">
                        <a href="#"
class="img order-lg-last"
style="background-image:
url(images/pizza-6.jpg);"></a>
                        <div class="text
p-4 text-center">

<h3>Margherita</h3>
                            <p>Far far
away, behind the word mountains, far from
the countries Vokalia and Consonantia</p>
                            <p
class="price"><span>$2.90</span> <a
href="#" class="ml-2 btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                        </div>
```

```
                    </div>
                </div>
            </div>
        </div>

        <div class="container">
            <div class="row
justify-content-center mb-5 pb-3 mt-5
pt-5">
            <div class="col-md-7
heading-section text-center
ftco-animate">
                <h2 class="mb-4">Our Menu
Pricing</h2>
                <p class="flip"><span
class="deg1"></span><span
class="deg2"></span><span
class="deg3"></span></p>
                <p class="mt-5">Far far away,
behind the word mountains, far from the
countries Vokalia and Consonantia, there
live the blind texts.</p>
            </div>
        </div>
        <div class="row">
            <div class="col-md-6">
                <div class="pricing-entry
d-flex ftco-animate">
                    <div class="img"
style="background-image:
url(images/pizza-1.jpg);"></div>
                    <div class="desc pl-3">
                        <div class="d-flex
text align-items-center">

<h3><span>Italian Pizza</span></h3>
                            <span
class="price">$20.00</span>
```

```
                                </div>
                                <div
class="d-block">
                                    <p>A small
river named Duden flows by their place and
supplies</p>
                                </div>
                            </div>
                        </div>
                        <div class="pricing-entry
d-flex ftco-animate">
                            <div class="img"
style="background-image:
url(images/pizza-2.jpg);"></div>
                            <div class="desc pl-3">
                                <div class="d-flex
text align-items-center">

<h3><span>Hawaiian Pizza</span></h3>
                                    <span
class="price">$29.00</span>
                                </div>
                                <div
class="d-block">
                                    <p>A small
river named Duden flows by their place and
supplies</p>
                                </div>
                            </div>
                        </div>
                        <div class="pricing-entry
d-flex ftco-animate">
                            <div class="img"
style="background-image:
url(images/pizza-3.jpg);"></div>
                            <div class="desc pl-3">
                                <div class="d-flex
text align-items-center">
```

```
                                <h3><span>Greek
Pizza</span></h3>
                                <span
class="price">$20.00</span>
                            </div>
                            <div
class="d-block">
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                    <div class="pricing-entry
d-flex ftco-animate">
                        <div class="img"
style="background-image:
url(images/pizza-4.jpg);"></div>
                        <div class="desc pl-3">
                            <div class="d-flex
text align-items-center">
                                <h3><span>Bacon
Crispy Thins</span></h3>
                                <span
class="price">$20.00</span>
                            </div>
                            <div
class="d-block">
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                </div>

                <div class="col-md-6">
```

```
                    <div class="pricing-entry
d-flex ftco-animate">
                        <div class="img"
style="background-image:
url(images/pizza-5.jpg);"></div>
                        <div class="desc pl-3">
                            <div class="d-flex
text align-items-center">

<h3><span>Hawaiian Special</span></h3>
                                <span
class="price">$49.91</span>
                            </div>
                            <div
class="d-block">
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                    <div class="pricing-entry
d-flex ftco-animate">
                        <div class="img"
style="background-image:
url(images/pizza-6.jpg);"></div>
                        <div class="desc pl-3">
                            <div class="d-flex
text align-items-center">

<h3><span>Ultimate Overload</span></h3>
                                <span
class="price">$20.00</span>
                            </div>
                            <div
class="d-block">
```

```
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                    <div class="pricing-entry
d-flex ftco-animate">
                        <div class="img"
style="background-image:
url(images/pizza-7.jpg);"></div>
                        <div class="desc pl-3">
                            <div class="d-flex
text align-items-center">
                                <h3><span>Bacon
Pizza</span></h3>
                                <span
class="price">$20.00</span>
                            </div>
                            <div
class="d-block">
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                    <div class="pricing-entry
d-flex ftco-animate">
                        <div class="img"
style="background-image:
url(images/pizza-8.jpg);"></div>
                        <div class="desc pl-3">
                            <div class="d-flex
text align-items-center">
                                <h3><span>Ham
&amp;amp; Pineapple</span></h3>
```

```
                                <span
class="price">$20.00</span>
                            </div>
                            <div
class="d-block">
                                <p>A small
river named Duden flows by their place and
supplies</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <section class="ftco-menu">
            <div class="container-fluid">
                <div class="row d-md-flex">
                    <div class="col-lg-4
ftco-animate img f-menu-img mb-5 mb-md-0"
style="background-image:
url(images/about.jpg);">
                    </div>
                    <div class="col-lg-8
ftco-animate p-md-5">
                        <div class="row">
                        <div class="col-md-12
nav-link-wrap mb-5">
                            <div class="nav
ftco-animate nav-pills" id="v-pills-tab"
role="tablist"
aria-orientation="vertical">
                                <a class="nav-link
active" id="v-pills-1-tab"
data-toggle="pill" href="#v-pills-1"
role="tab" aria-controls="v-pills-1"
aria-selected="true">Pizza</a>
```

```
                        <a class="nav-link"
id="v-pills-2-tab" data-toggle="pill"
href="#v-pills-2" role="tab"
aria-controls="v-pills-2"
aria-selected="false">Drinks</a>

                        <a class="nav-link"
id="v-pills-3-tab" data-toggle="pill"
href="#v-pills-3" role="tab"
aria-controls="v-pills-3"
aria-selected="false">Burgers</a>

                        <a class="nav-link"
id="v-pills-4-tab" data-toggle="pill"
href="#v-pills-4" role="tab"
aria-controls="v-pills-4"
aria-selected="false">Pasta</a>
                    </div>
                </div>
                <div class="col-md-12
d-flex align-items-center">

                    <div
class="tab-content ftco-animate"
id="v-pills-tabContent">

                        <div class="tab-pane
fade show active" id="v-pills-1"
role="tabpanel"
aria-labelledby="v-pills-1-tab">
                            <div class="row">
                                <div
class="col-md-4 text-center">
                                    <div
class="menu-wrap">
                                        <a
href="#" class="menu-img img mb-4"
```

```
style="background-image:
url(images/pizza-1.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Pizza Margherita</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                    </div>
                                </div>
                            </div>
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/pizza-2.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">farm House Pizza</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>
```

```
<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                        </div>
                                    </div>
                                </div>
                                <div
class="col-md-4 text-center">
                                    <div
class="menu-wrap">
                                        <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/pizza-3.jpg);"></a>
                                        <div
class="text">

<h3><a href="#">Itallian Pizza</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                            <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="tab-pane
fade" id="v-pills-2" role="tabpanel"
aria-labelledby="v-pills-2-tab">
```

```
                        <div class="row">
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/drink-1.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Lemonade Juice</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                    </div>
                                </div>
                            </div>
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/drink-2.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Pineapple Juice</a></h3>
```

```
<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                            </div>
                                        </div>
                                    </div>
                                    <div
class="col-md-4 text-center">
                                        <div
class="menu-wrap">
                                            <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/drink-3.jpg);"></a>
                                            <div
class="text">

<h3><a href="#">Soda Drinks</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                            </div>
                                        </div>
                                    </div>
```

```
                        </div>
                    </div>

                    <div class="tab-pane
fade" id="v-pills-3" role="tabpanel"
aria-labelledby="v-pills-3-tab">
                        <div class="row">
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/burger-1.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Bean Burger</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                    <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                    </div>
                                </div>
                            </div>
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
```

```
style="background-image:
url(images/burger-2.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Veg Green Burger</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                    </div>
                                </div>
                            </div>
                            <div
class="col-md-4 text-center">
                                <div
class="menu-wrap">
                                    <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/burger-3.jpg);"></a>
                                    <div
class="text">

<h3><a href="#">Rajma Patty
Burger</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>
```

```
<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="tab-pane
fade" id="v-pills-4" role="tabpanel"
aria-labelledby="v-pills-4-tab">
                            <div class="row">
                                <div
class="col-md-4 text-center">
                                    <div
class="menu-wrap">
                                        <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/pasta-1.jpg);"></a>
                                        <div
class="text">

<h3><a href="#">Spaghetti</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                        </div>
                                    </div>
```

```
                                    </div>
                                    <div
class="col-md-4 text-center">
                                        <div
class="menu-wrap">
                                            <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/pasta-2.jpg);"></a>
                                            <div
class="text">

<h3><a href="#">Penne</a></h3>

<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                                <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                            </div>
                                        </div>
                                    </div>
                                    <div
class="col-md-4 text-center">
                                        <div
class="menu-wrap">
                                            <a
href="#" class="menu-img img mb-4"
style="background-image:
url(images/pasta-3.jpg);"></a>
                                            <div
class="text">

<h3><a href="#">Linguine</a></h3>
```

```
<p>Far far away, behind the word
mountains,<br> far from the countries
Vokalia and Consonantia.</p>
                                        <p
class="price"><span>$2.90</span></p>

<p><a href="#" class="btn btn-white
btn-outline-white" data-toggle="modal"
data-target="#myModal">Order</a></p>
                                            </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <footer class="ftco-footer
ftco-section img">
            <div class="overlay"></div>
          <div class="container">
            <div class="row mb-5 text-center">
              <div class="col-lg-3 col-md-6
mb-5 mb-md-5">
                <div class="ftco-footer-widget
mb-4">
                    <h2
class="ftco-heading-2">About Us</h2>
                    <p>Far far away, behind the
word mountains, far from the countries
Vokalia and Consonantia, there live the
blind texts.</p>
```

```
                <ul
class="ftco-footer-social list-unstyled
float-md-left float-lft mt-5">
                  <li
class="ftco-animate"><a href="#"><span
class="icon-twitter"></span></a></li>
                  <li
class="ftco-animate"><a href="#"><span
class="icon-facebook"></span></a></li>
                  <li
class="ftco-animate"><a href="#"><span
class="icon-instagram"></span></a></li>
                </ul>
              </div>
            </div>
            <div class="col-lg-4 col-md-6
mb-5 mb-md-5">
              <div class="ftco-footer-widget
mb-4">
                <h2
class="ftco-heading-2">Recent Blog</h2>
                <div class="block-21 mb-4
d-flex">
                  <a class="blog-img mr-4"
style="background-image:
url(images/image_1.jpg);"></a>
                  <div class="text">
                    <h3 class="heading"><a
href="#">Even the all-powerful Pointing
has no control about</a></h3>
                    <div class="meta">
                      <div><a href="#"><samp
class="fa fa-calendar text-white"></samp>
Sept 15, 2018</a></div>
                      <div><a href="#"><samp
class="fa fa-user text-white"></samp>
Admin</a></div>
```

```
                        <div><a href="#"><samp
class="fa fa-commenting-o
text-white"></samp> 19</a></div>
                      </div>
                    </div>
                  </div>
                  <div class="block-21 mb-4
d-flex">
                    <a class="blog-img mr-4"
style="background-image:
url(images/image_2.jpg);"></a>
                    <div class="text">
                      <h3 class="heading"><a
href="#">Even the all-powerful Pointing
has no control about</a></h3>
                      <div class="meta">
                        <div><a href="#"><samp
class="fa fa-calendar text-white"></samp>
Sept 15, 2018</a></div>
                        <div><a href="#">
<samp class="fa fa-user
text-white"></samp> Admin</a></div>
                        <div><a href="#"><samp
class="fa fa-commenting-o
text-white"></samp> 19</a></div>
                      </div>
                    </div>
                  </div>
                </div>
              </div>
              <div class="col-lg-2 col-md-6
mb-5 mb-md-5">
                <div
class="ftco-footer-widget mb-4 ml-md-4">
                  <h2
class="ftco-heading-2">Services</h2>
                  <ul class="list-unstyled">
```

```
                    <li><a href="#"
class="py-2 d-block">Cooked</a></li>
                    <li><a href="#"
class="py-2 d-block">Deliver</a></li>
                    <li><a href="#"
class="py-2 d-block">Quality
Foods</a></li>
                    <li><a href="#"
class="py-2 d-block">Mixed</a></li>
                  </ul>
                </div>
              </div>
              <div class="col-lg-3 col-md-6
mb-5 mb-md-5">
                <div class="ftco-footer-widget
mb-4">
                    <h2
class="ftco-heading-2">Have a
Questions?</h2>
                    <div class="block-23
mb-3">
                      <ul>
                        <li>
<samp class="fa fa-map-marker
text-white"></samp><span class="text">Near
the Shahu Collage at Latur</span></li>
                        <li><a href="#">
<samp class="fa fa-phone
text-white"></samp><span class="text">+91
9087654321</span></a></li>
                        <li><a href="#"><samp
class="fa fa-envelope
text-white"></samp><span
class="text">pizzahome@gmail.com</span></a
></li>
                      </ul>
                    </div>
                </div>
```

```
            </div>
          </div>
        </div>
      </footer>


      <!--============================== -->

          <!-- The Modal -->
    <div class="modal fade" id="myModal">
      <div class="modal-dialog modal-lg
modal-dialog-centered">
        <div class="modal-content">

          <!-- Modal Header -->
          <div class="modal-header">
            <h4 class="modal-title
text-warning">WELCOME TO SHOP</h4>
            <button type="button"
class="close"
data-dismiss="modal">&times;</button>
          </div>

          <!-- Modal body -->
          <div class="modal-body">
           <div class="row">
             <div class="col-md-12
text-center bg-dark">
              <h1 class="text-white">Your
Information</h1>
            </div>
             <div class="col-md-6 mt-2">
               <form>

                  <label
class="text-danger">Enter You
Name</label><br>
```

```
                <input class="form-control"
class="form-control " type="text" name=""
id="name"><br>

                <label
class="text-danger">Enter Your
Address</label><br>
                <input class="form-control"
type="text" name="" id="id"><br>

                <label
class="text-danger">Enter product
size</label><br>
                <input class="form-control"
type="number" name="" id="size"><br>

              </form>
            </div>
            <div class="col-md-6 mt-2">
              <form>

                <label
class="text-danger">Enter Your
Conact</label><br>
                <input class="form-control"
type="number" name="" id="detail"><br>

                <label
class="text-danger">Enter
Quantity</label><br>
                <input class="form-control"
type="number" name="" id="price"><br>

                <label
class="text-danger">Enter Devlier
Time</label><br>
                <input class="form-control"
type="time" name="" id="date"><br>
```

```
                </form>
              </div>
              <input type="button" name=""
value="Order" class="btn btn-info
btn-outline-dark " style="margin-left:
43%;" onclick="add()">
      </div>
      <div>

    </div>
    <!-- model end -->

  </div>
</div>
</div>
</div></div>
</div></div>

</div>
<div class="container">
<div class="row">
    <div class="col-md-12">
<a href="table.html" style="margin-left:
44%;"><input type="button" name=""
value="View Product List" class="btn
btn-outline-dark btn-danger text-white
mt-4" ></a>
  </div>
</div>
</div>


<script type="text/javascript">
    function add()
    {
      var call=1;
```

```
    var
a=document.getElementById('name').value;
    var
b=document.getElementById('id').value;
    var
c=document.getElementById('size').value;
    var
d=document.getElementById('detail').value;
    var
e=document.getElementById('price').value;
    var
f=document.getElementById('date').value;

    if
((a!='')&&(b!='')&&(c!='')&&(d!='')&&(e!='
'))
     {


document.getElementById('table').innerHTML
=document.getElementById('table').innerHTM
L+'<tr><td>'+call+'</td><td>'+a+'</td><td>
'+b+'</td><td>'+c+'</td><td>'+d+'</td><td>
'+e+'</td><td>'+f'</td></tr>';
      call++;
     }
    else
     {
       alert("cannot add empty detail");
     }

  }
</script>

    <!-- ============================== -->

  <script
src="js/jquery.min.js"></script>
```

```
  <script
src="js/jquery-migrate-3.0.1.min.js"></sc
ript>
  <script
src="js/popper.min.js"></script>
  <script
src="js/bootstrap.min.js"></script>
  <script
src="js/jquery.easing.1.3.js"></script>
  <script
src="js/jquery.waypoints.min.js"></script
>
  <script
src="js/jquery.stellar.min.js"></script>
  <script
src="js/owl.carousel.min.js"></script>
  <script
src="js/jquery.magnific-popup.min.js"></s
cript>
  <script src="js/aos.js"></script>
  <script
src="js/jquery.animateNumber.min.js"></sc
ript>
  <script
src="js/bootstrap-datepicker.js"></script
>
  <script
src="js/jquery.timepicker.min.js"></scrip
t>
  <script
src="js/scrollax.min.js"></script>
  <script
src="https://maps.googleapis.com/maps/api
/js?key=AIzaSyBVWaKrjvy3MaE7SQ74_uJiULgl1
JY0H2s&amp;sensor=false"></script>
  <script
src="js/google-map.js"></script>
  <script src="js/main.js"></script>
```

```
    </body>
</html>
```

INTRODUCTION

Online Railway Ticket Reservation System allow you to register your

Railway tickets online.

Ease of use you can register users in sorted manner with Appropriate way.

View different options of registration on website's form .This website made it easy to register and admins can get different type of reservation or fir very easily.it saves your precious time too.

Registering yourself with registration option .and the fir get sorted in user id. Manner.

PROBLEM STATEMENT

- **The use of manual procedures like using paper files in the documentation of railway reservation**
- **might cause errors and available seat issues and can also cause problems like same seats are**
- **allotted to 2 people at different station centers it creates a lot of confusion as well as errors when**
- **the data is entered manually as there are many trains running on day to day bases and also many**
- **people booking tickets to travel as well as on local train use bases**

OBJECTIVE

- **The objective of the Technical Feasibility step is to confirm**
- **that the product will perform and to verify that there are no production**

  barriers.

SCOPE

- **Managing the data records relat to Railway ticket Reservation.**
- **Need of feature.**

LIMITATION

- **This system is a semi functional. this means that the system covers the**
- **manipulation related to the record only .**
- **One user only reserve 9 sits one time.**
- **The payment accept at boarding time**

SYSTEM ANALYSIS

1]EXISTING SYSTEM:

- **in the existing system reservation is done manual by a user at a railway ticket reservation counters.**
- **User has to wait for a long time in the queue get to the reservation. Like this wasting the time of**
- **user and for the use this lot of man power is required and lot of paper work is also required**

EMPLEMENTATION OF DETAILS

Hardware Requirement

- Hard Disk – 1TB
- RAM – 8GB.
- Mouse.
- Keyboard.
- Monitor

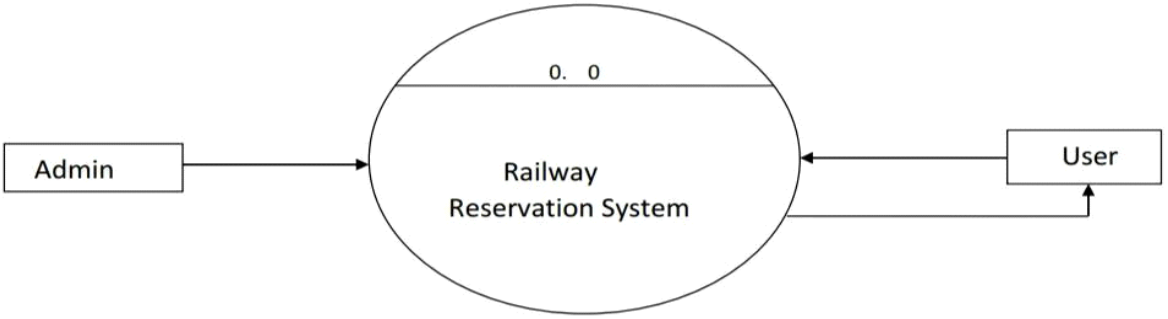
Software Requirements:

- Xamp Server
- Sublime Text 3
- Windows 10

SYSTEM DESIGN

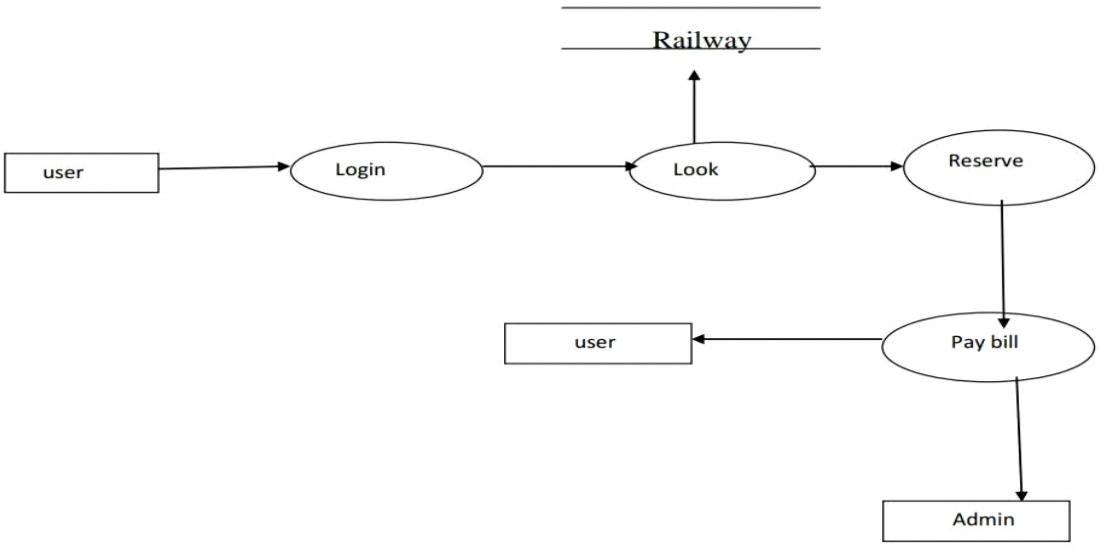
DESIGNING TOOL

- **Data Flow Diagram**
- **Level 0 :-**



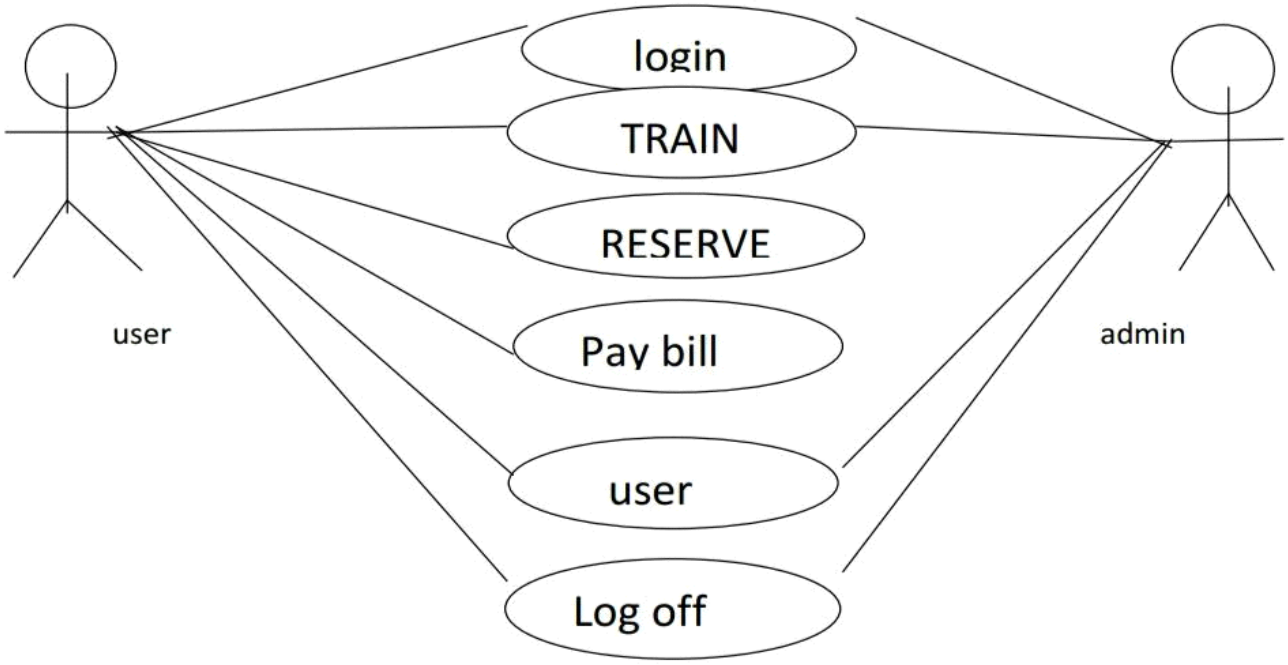
FIRST LEVEL DFD DIAGRAM

First Level DFD:

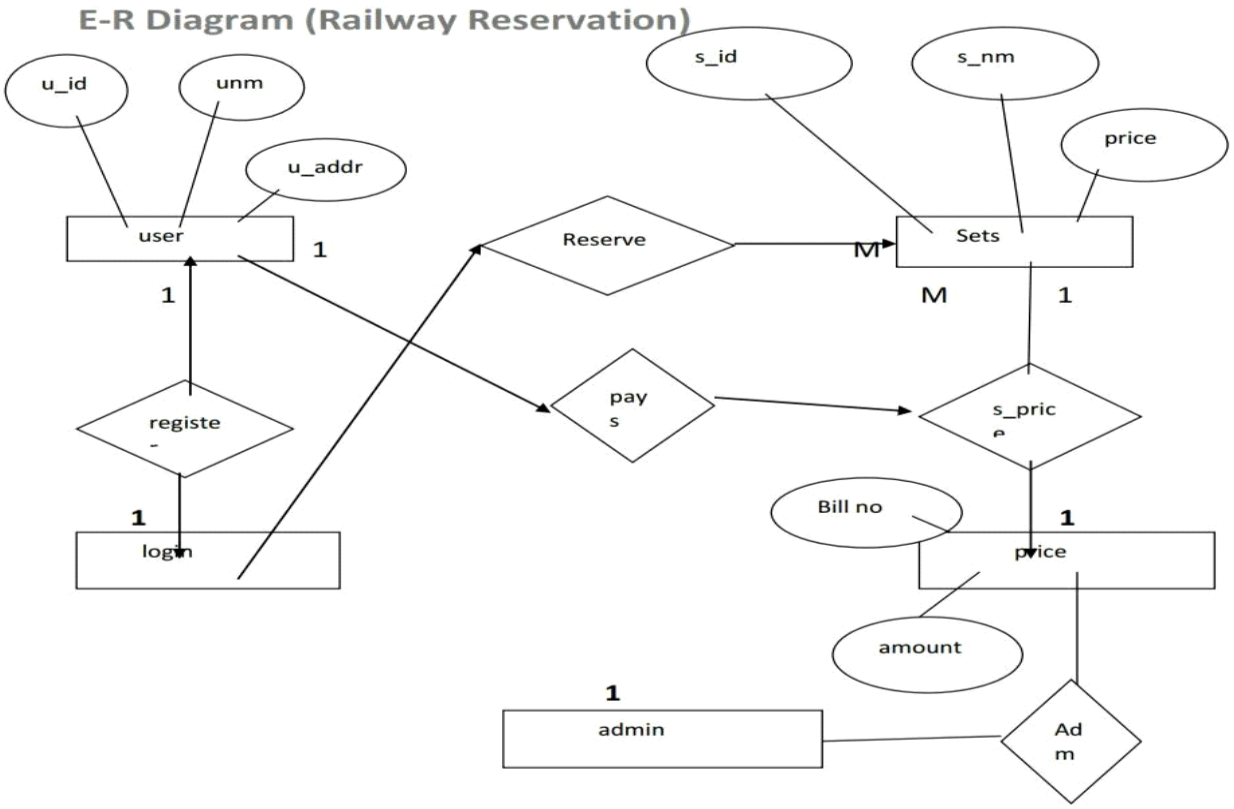


USE CASE DIGRAM

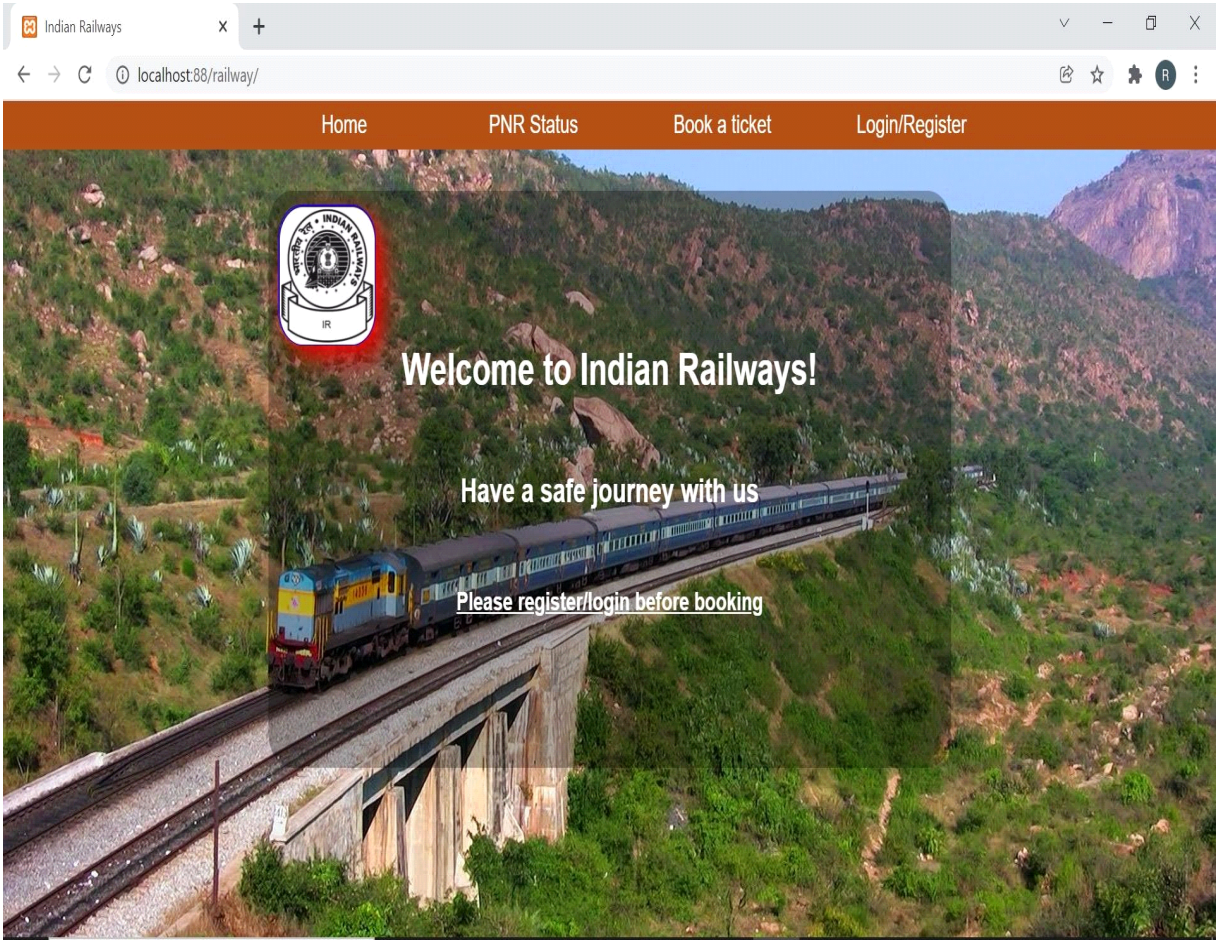
Use case diagram:

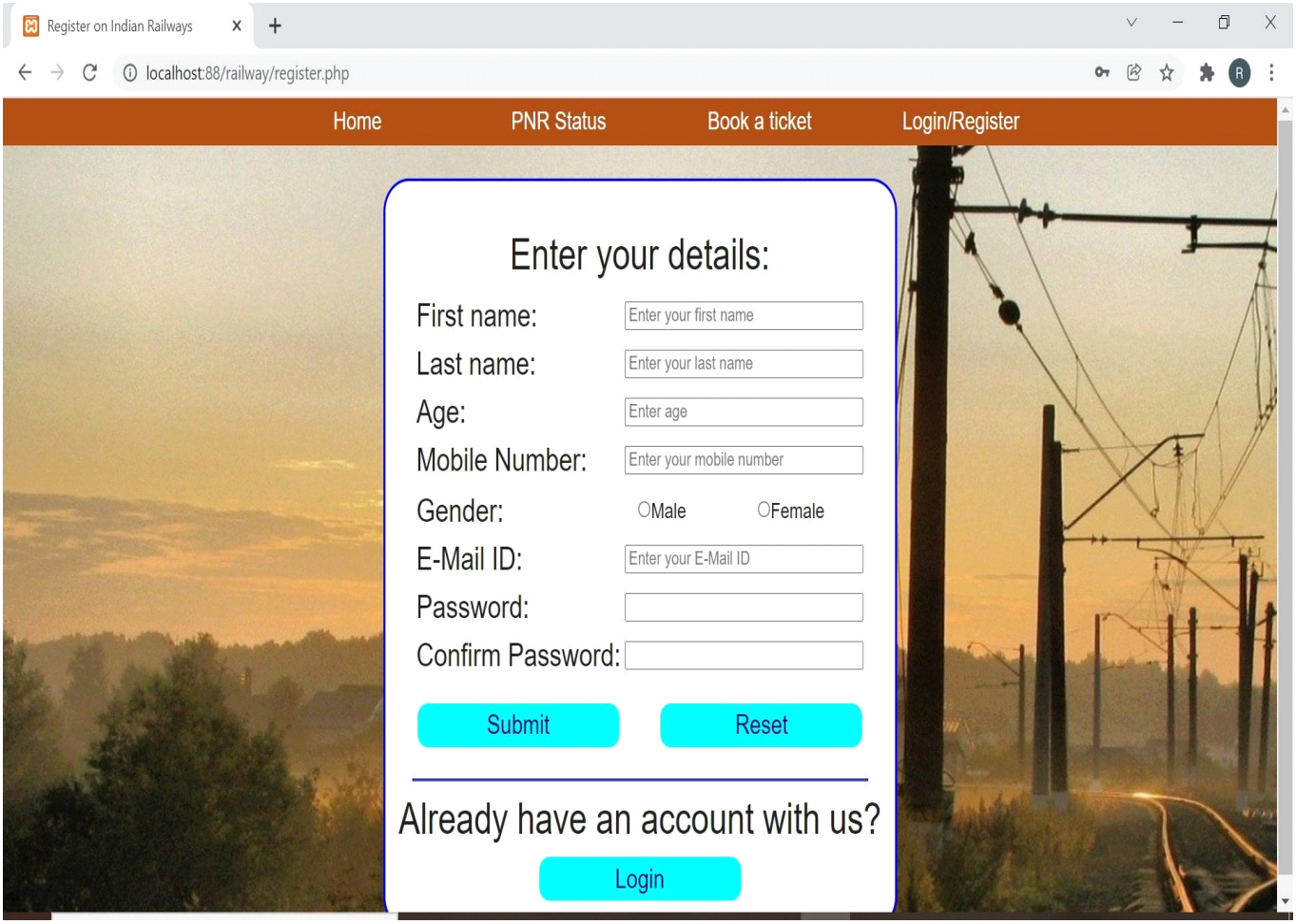


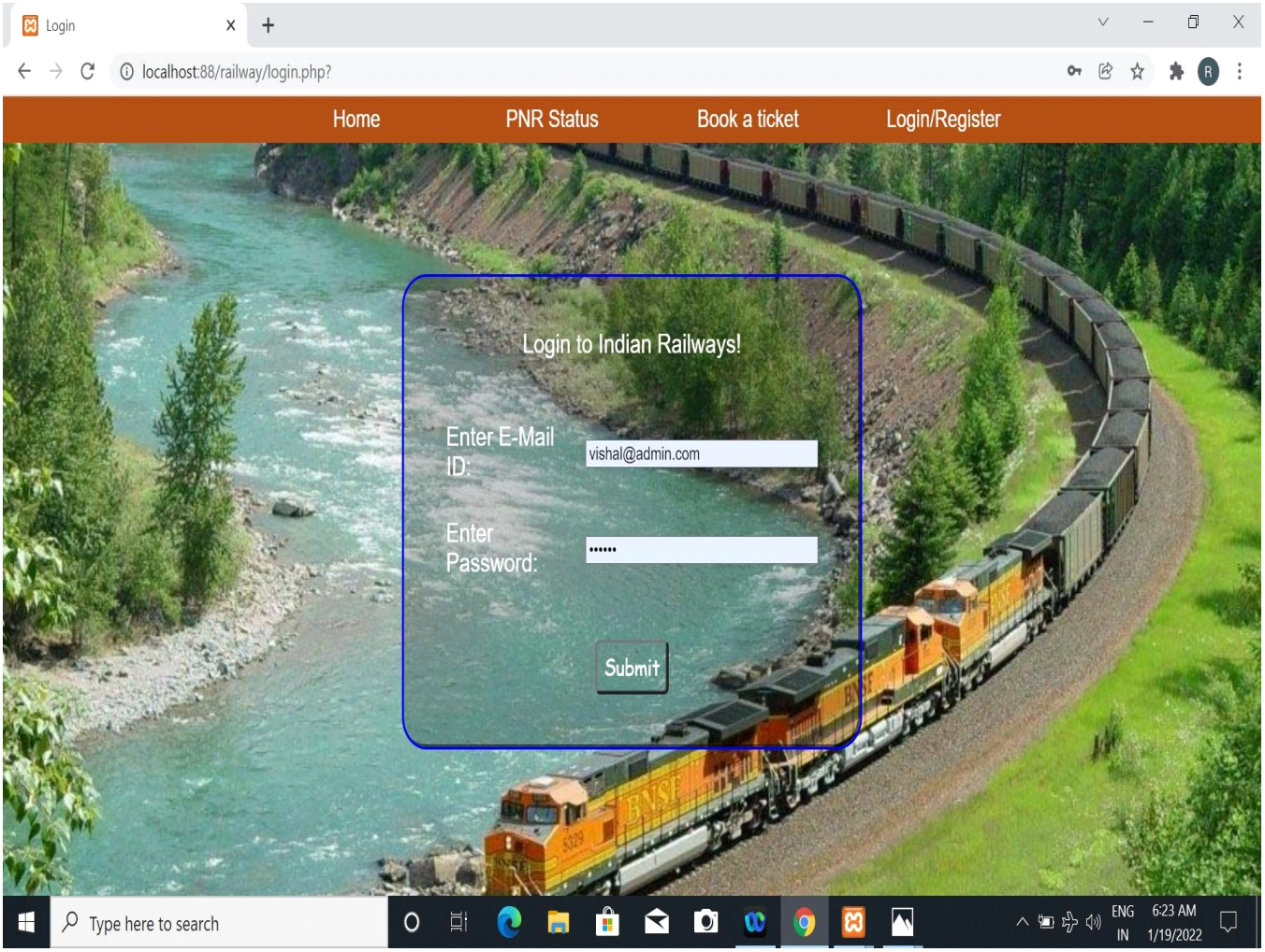
E-R DIAGRAM

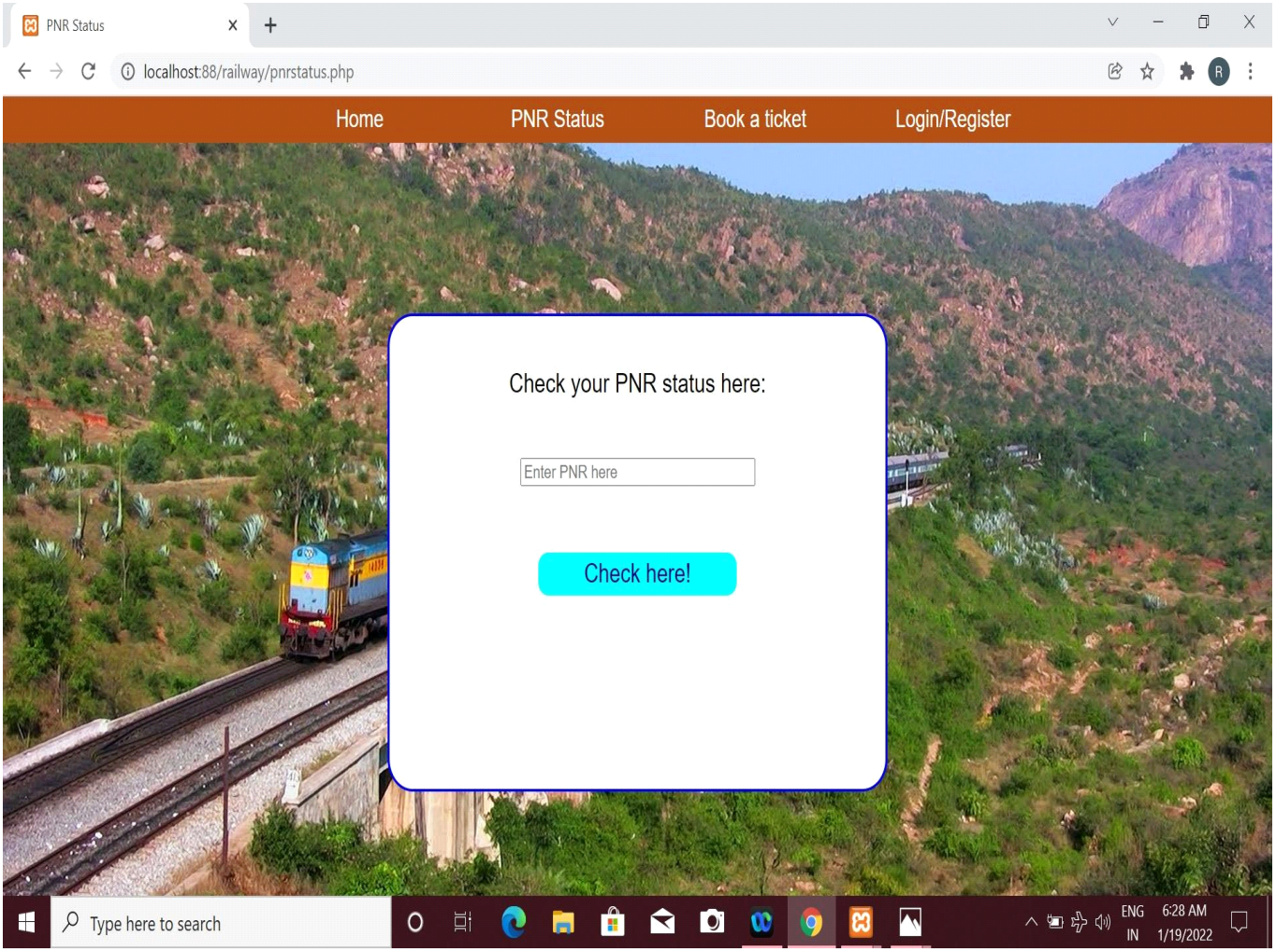


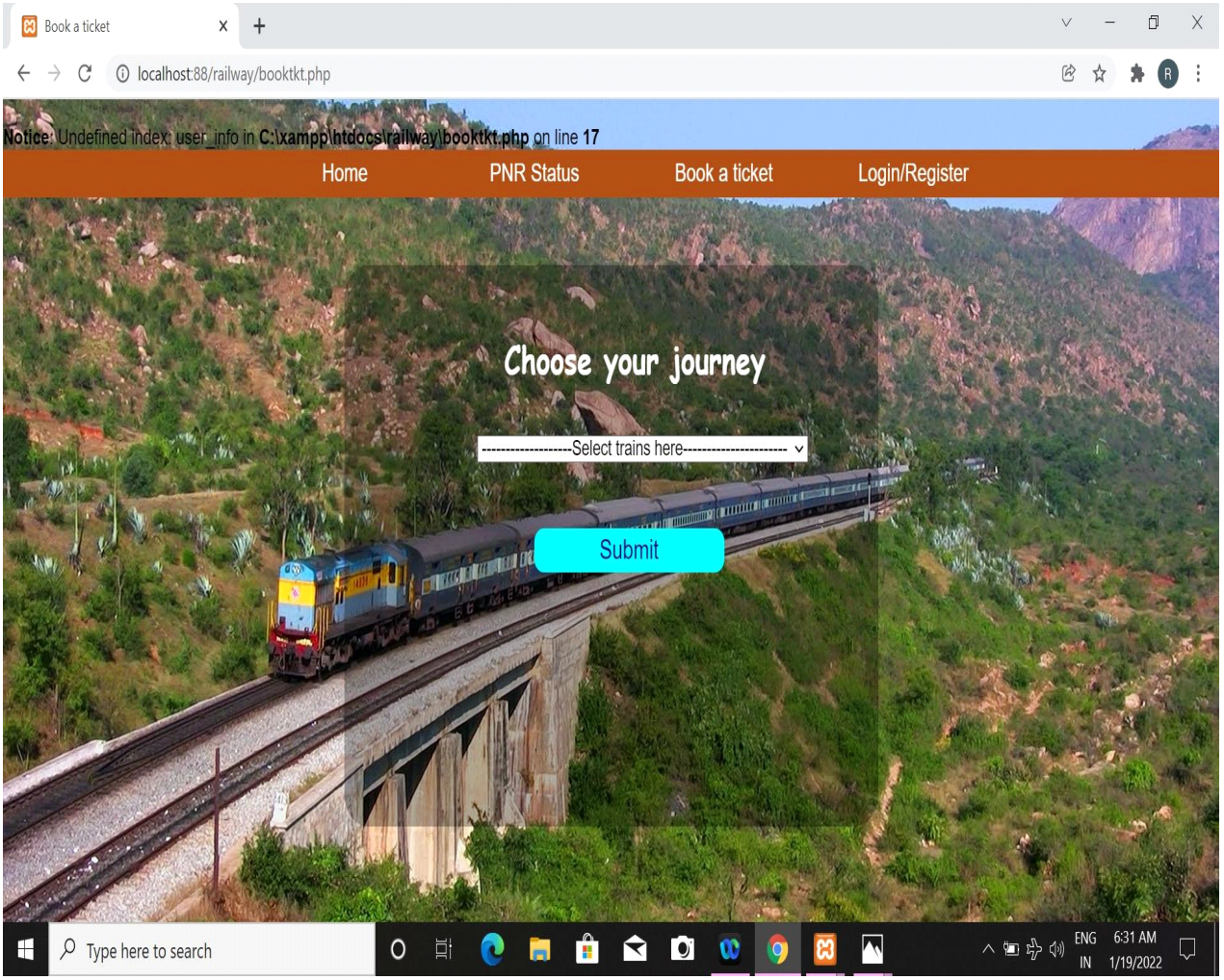
SCREENSHORTS


Indian Railways
localhost:88/railway/
Home
PNR Status
Book a ticket
Login/Register
Welcome to Indian Railways!
Have a safe journey with us
Please register/login before booking

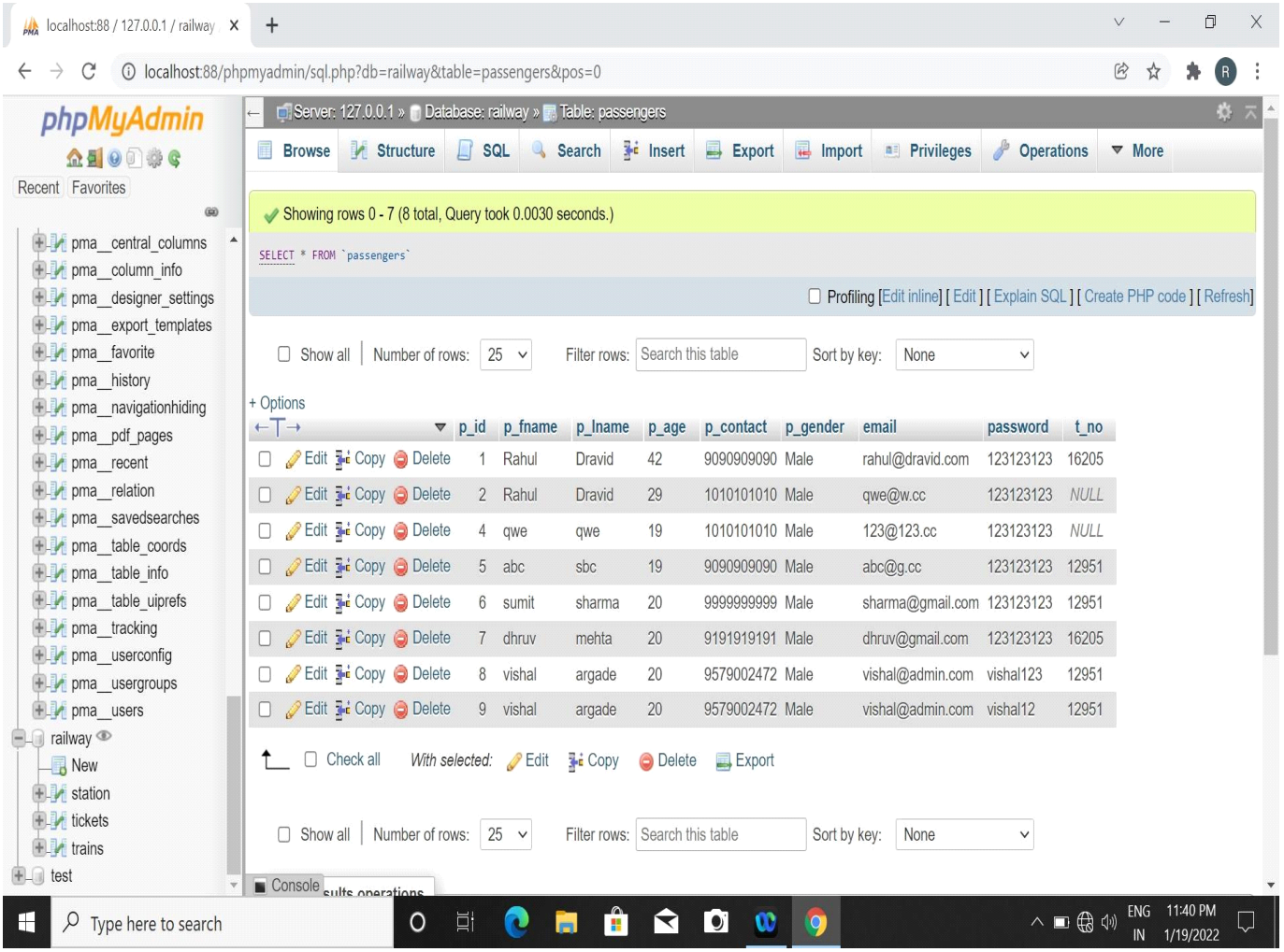

Register on Indian Railways
localhost:88/railway/register.php
Home
PNR Status
Book a ticket
Login/Register
Enter your details:
First name:
Enter your first name
Last name:
Enter your last name
Age:
Enter age
Mobile Number:
Enter your mobile number
Gender:
Male
Female
E-Mail ID:
Enter your E-Mail ID
Password:
Confirm Password:
Submit
Reset
Already have an account with us?
Login

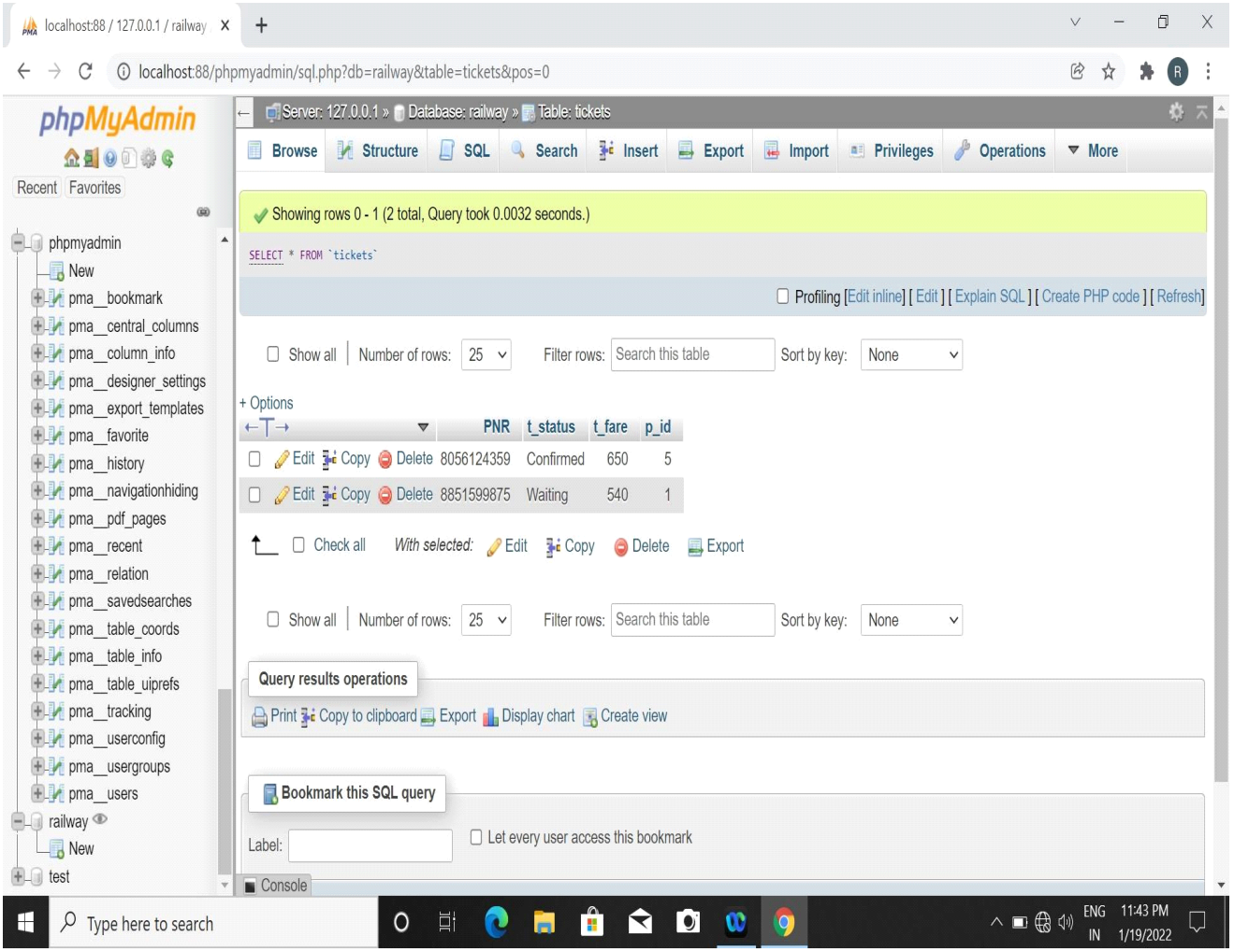

Login
localhost:88/railway/login.php?
Home
PNR Status
Book a ticket
Login/Register
Login to Indian Railways!
Enter E-Mail ID:
vishal@admin.com
Enter Password:
Submit
Type here to search
ENG
IN
6:23 AM
1/19/2022

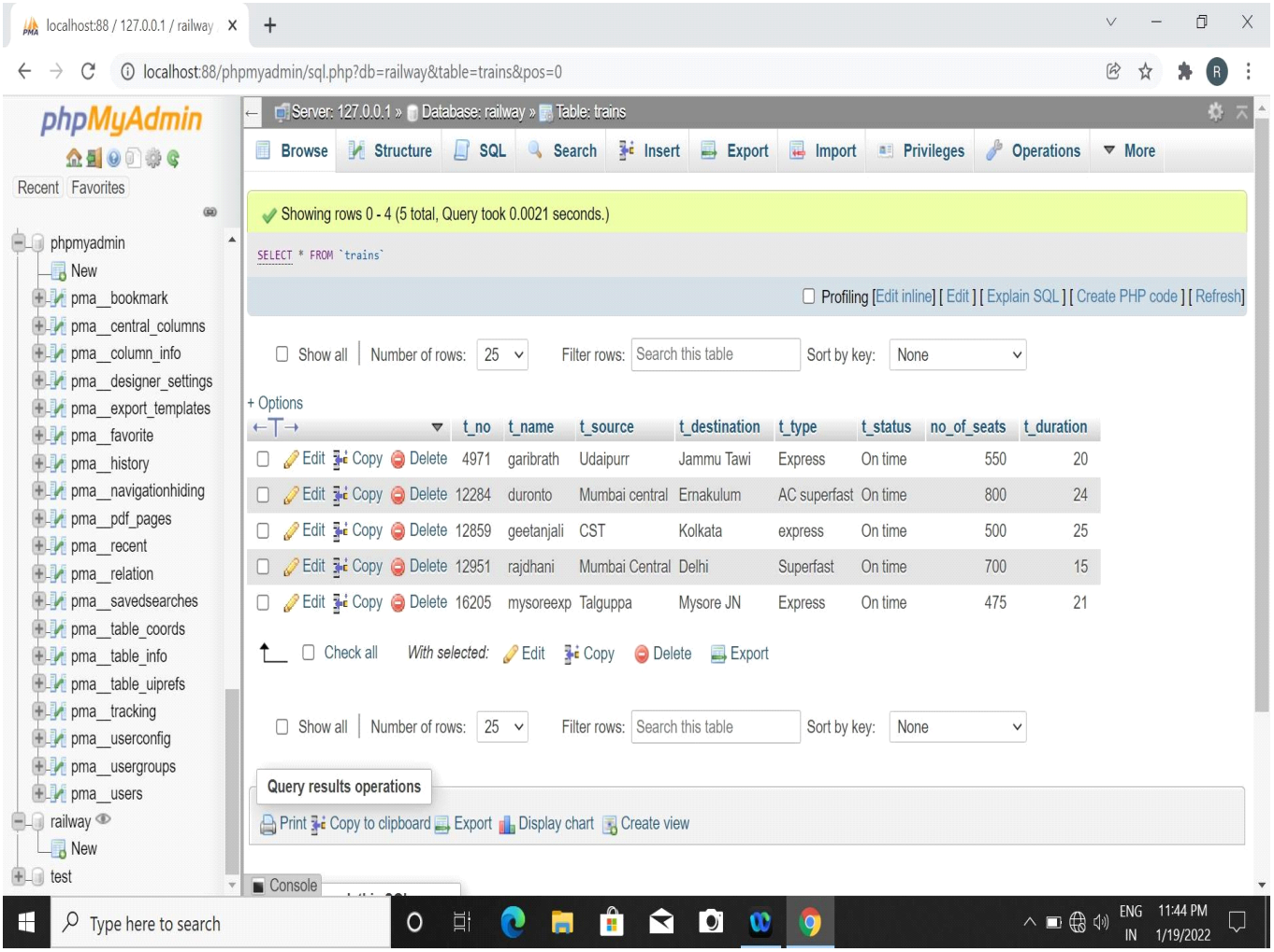

PNR Status
localhost:88/railway/pnrstatus.php
Home
PNR Status
Book a ticket
Login/Register
Check your PNR status here:
Enter PNR here
Check here!
Type here to search
ENG
IN
6:28 AM
1/19/2022


Book a ticket
localhost:88/railway/booktkt.php
Notice: Undefined index: user_info in C:\xampp\htdocs\railway\booktkt.php on line 17
Home
PNR Status
Book a ticket
Login/Register
Choose your journey
----------Select trains here----------
Submit
Type here to search
ENG
IN
6:31 AM
1/19/2022

DATABASE SCREENSHORTS


localhost:88 / 127.0.0.1 / railway
localhost:88/phpmyadmin/sql.php?db=railway&table=passengers&pos=0
phpMyAdmin
Recent Favorites
pma__central_columns
pma__column_info
pma__designer_settings
pma__export_templates
pma__favorite
pma__history
pma__navigationhiding
pma__pdf_pages
pma__recent
pma__relation
pma__savedsearches
pma__table_coords
pma__table_info
pma__table_uiprefs
pma__tracking
pma__userconfig
pma__usergroups
pma__users
railway
New
station
tickets
trains
test
Server: 127.0.0.1 » Database: railway » Table: passengers
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 7 (8 total, Query took 0.0030 seconds.)
SELECT * FROM `passengers`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
p_id p_fname p_lname p_age p_contact p_gender email password t_no
Edit Copy Delete 1 Rahul Dravid 42 9090909090 Male rahul@dravid.com 123123123 16205
Edit Copy Delete 2 Rahul Dravid 29 1010101010 Male qwe@w.cc 123123123 NULL
Edit Copy Delete 4 qwe qwe 19 1010101010 Male 123@123.cc 123123123 NULL
Edit Copy Delete 5 abc sbc 19 9090909090 Male abc@g.cc 123123123 12951
Edit Copy Delete 6 sumit sharma 20 9999999999 Male sharma@gmail.com 123123123 12951
Edit Copy Delete 7 dhruv mehta 20 9191919191 Male dhruv@gmail.com 123123123 16205
Edit Copy Delete 8 vishal argade 20 9579002472 Male vishal@admin.com vishal123 12951
Edit Copy Delete 9 vishal argade 20 9579002472 Male vishal@admin.com vishal12 12951
Check all With selected: Edit Copy Delete Export
Show all Number of rows: 25 Filter rows: Search this table Sort by key: None
Console
Type here to search
ENG IN 11:40 PM 1/19/2022


localhost:88 / 127.0.0.1 / railway
localhost:88/phpmyadmin/sql.php?db=railway&table=tickets&pos=0
phpMyAdmin
Recent Favorites
phpmyadmin
New
pma__bookmark
pma__central_columns
pma__column_info
pma__designer_settings
pma__export_templates
pma__favorite
pma__history
pma__navigationhiding
pma__pdf_pages
pma__recent
pma__relation
pma__savedsearches
pma__table_coords
pma__table_info
pma__table_uiprefs
pma__tracking
pma__userconfig
pma__usergroups
pma__users
railway
New
test
Server: 127.0.0.1 » Database: railway » Table: tickets
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 1 (2 total, Query took 0.0032 seconds.)
SELECT * FROM `tickets`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
PNR t_status t_fare p_id
Edit Copy Delete 8056124359 Confirmed 650 5
Edit Copy Delete 8851599875 Waiting 540 1
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Console
Type here to search
ENG IN 11:43 PM 1/19/2022


localhost:88 / 127.0.0.1 / railway
localhost:88/phpmyadmin/sql.php?db=railway&table=trains&pos=0
phpMyAdmin
Recent Favorites
phpmyadmin
New
pma__bookmark
pma__central_columns
pma__column_info
pma__designer_settings
pma__export_templates
pma__favorite
pma__history
pma__navigationhiding
pma__pdf_pages
pma__recent
pma__relation
pma__savedsearches
pma__table_coords
pma__table_info
pma__table_uiprefs
pma__tracking
pma__userconfig
pma__usergroups
pma__users
railway
New
test
Server: 127.0.0.1 » Database: railway » Table: trains
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 4 (5 total, Query took 0.0021 seconds.)
SELECT * FROM `trains`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
t_no t_name t_source t_destination t_type t_status no_of_seats t_duration
Edit Copy Delete 4971 garibrath Udaipurr Jammu Tawi Express On time 550 20
Edit Copy Delete 12284 duronto Mumbai central Ernakulum AC superfast On time 800 24
Edit Copy Delete 12859 geetanjali CST Kolkata express On time 500 25
Edit Copy Delete 12951 rajdhani Mumbai Central Delhi Superfast On time 700 15
Edit Copy Delete 16205 mysoreexp Talguppa Mysore JN Express On time 475 21
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Query results operations
Print Copy to clipboard Export Display chart Create view
Console
Type here to search
ENG IN 11:44 PM 1/19/2022

Conclusion

project is only a humble venture to satisfy the needs to manage their project Work. Several user friendly coding have also adopted. This package shall prove to be a Powerful package in satisfying all the requirements of the institute. The objective of Software planning is to provide a frame work that enables the manger to make Reasonable estimates made within a limited time frame at the beginning of the software Project and should be updated regularly as the project progresses. At the end it is concluded that we have made effort on following points…… A description of the background and context of the project and its relation to work already done in the area. Made statement of the aims and objectives of the project. The description of Purpose, Scope, and applicability. We define the problem on which we are working in the project. We describe the requirement Specifications of the system and the actions that Can be done on these things. We understand the problem domain and produce a model of the system, which Describes operations that can be performed on the system. We included features and operations in detail, including screen layouts. We designed user interface and security issues related to system. Finally the system is implemented and tested according to test cases.

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