Project Report

On

ONLINE FASTEST FOOD DELEVERY SYSTEM

Submitted by

B.Padmavathi -R170738
S.Charitha   - R170690
D.Haseena   - R170700

Under the guidance of

MAHENDRA

M.Tech, (Ph.D),Assistant Professor

Department of Computer Science and Engineering

Rajiv Gandhi University of Knowledge and Technologies(RGUKT),

R.K.Valley, Kadapa, Andra Pradesh.

Rajiv Gandhi University of Knowledge Technologies

RK Valley, Kadapa (Dist), Andhra Pradesh, 516330

CERTIFICATE

This is to certify that the project work titled "**ONLINE FASTEST FOOD DELEVERY SYSTEM**" is a bonafied project work submitted by **B.PADMAVATHI,D.HASEENA, S.CHARITHA** is a department COMPUTER SCIENCE AND ENGINEERING in a fulfillment award of degree of Bachelor of Technology in Computer science and engineering for the year 2020-2021 carried out the work under the supervision

GUIDE   HEAD OF THE DEPARTMENT

MAHENDRA   P.HARINADHA

Submitted for the practical examination held on_____

Signature of the External Examiner

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be in complete without the mention of the people who made it possible and whose constant guidance and   the and encouragement crown all the efforts success.

I am extremely grateful to our respected Director,Prof. K. SANDHYA RANI for fostering an excellent academic climate in our institution.

I also express my sincere gratitude to our respected Head of the Department Mr.P.HARINADHA for his encouragement, overall guidance in viewing this project a good asset and effort in bringing out this project.

I would like to convey thanks to our guide at college Mr. MAHENDRA for his guidance, encouragement, co-operation and kindness during the entire duration of the course and academics.

My sincere thanks to all the members who helped me directly and indirectly in the completion of project work. I express my profound gratitude to all our friends and family members for their encouragement.

ABSTRACT

Our proposed system is an online food delivery System that enables ease for the customers. It should overcomes the disadvantages of the traditional system.

This system improves the method of taking the order from the customer. the online food delivery system sets up a food menu online and Customers can easily place the orders as per their wish , and can easily track the orders.

The payment can be made online or cash – on-delivers system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

The proposed system can recommends hotel food , based on the ratings given by the user ,theImprovements can made along with the quality.

<u>INTRODUCTION</u>

- ॐ Online Food Delivery is the process of ordering food,for delivery pickup,from a website.
- ॐ This application is planned to be used by any person who willing to order food online through our website.
- ॐ It is designed to allow the customers to view the menu to and place an order, and an admin interface that enables to receive and fulfill the customer orders.
- ॐ Nowadays everyone having busy schedule whether it is urban area or rural area,so they don't get enough time to have their meals properly.
- ॐ So Food Delivery System these days has one the fastest Growing up in online food ordering.

Purpose

The purpose of an online food order delivery is to allow customers to easily place orders through our website,with the improvement of the technology online food ordering systems are becoming more popular.

The main reason is that it benefits both the customer and business,with our website can easily browse all the dishes that are available in our website. It can also save their favourite to orders allowing them to easily Re-order that in the future.

Project Description

Online Food Delivery system contains the home page which consists of different layouts. Based on these layouts,customer can selected one template based on their requirement.

Customers can signup the page by filling their details , after that they login the page it shows the homepage of the website.

Each template has it's individual properties like About,Menu, Contact,Cart,Order details,Logout.

Online Food Delivery system also manage the Payment details Online for order details,confirm order details, food items and also can tracks all the information.
.

Managing the information of orders and confirm the order can take customers logout from our website.

ADVANTAGES

An improvement of customer experiences.
Makes managing orders simpler.
Using online food deliveries can save time.
Huge varieties of different food items.
Suitable for people with disabilities.
Easier to place large orders.
The convenience of mobile ordering.

DISADVANTAGES

Data Security.
Risk of loosing customers data.
Chances of technical problems in the system.
Mismatch data of orders.

Requirement Specification

Hardware Configuration:

Client Side:

Ram	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

Ram	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Front end	HTML,CSS ,PHP,java script
Server side Language	PHP
Database Server	MYSQL
Web Browser	Firefox , Google Chrome or any compatible browser
Operating System	Ubuntu,Windows or any equivalent OS
Software	xampp

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server was launched in 1995 and it has been the most popular web server the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor.

- PHP is a server-side scripting language, like ASP.

- PHP scripts are executed on the server.

- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).

- PHP is an open source software.

- PHP is free to download and use.

MYSQL

- MYSQL is a database server

- MYSQL is ideal for both small and large applications

- MYSQL supports standard SQL

- MYSQL compiles on a number of platforms

- MYSQL is free to download and use

- How to access MySQL:

- http://localhost/phpmyadmin

<u>Analysis and Design</u>

Analysis:

Today also we have to go to the food delivery wait in the queue to get our food delivery test done.As Technology is growing rapidly we are also moving to a technical world where everything we want to be online. So with the help of this project we are bringing the use of technology in the field of medical diagnosis where customers can avail all the facilities at their door steps. This project makes the online food process easy and reduces the burden of customers. At a same time its help the diagnostic center to track all their customers details With there test details.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Visitors maintain in the register so lots of paper require storing details.
- **Time consuming**

UML Diagrams:

UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying that can do and more importantly what they can't do.

Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name.   Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship.   It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.
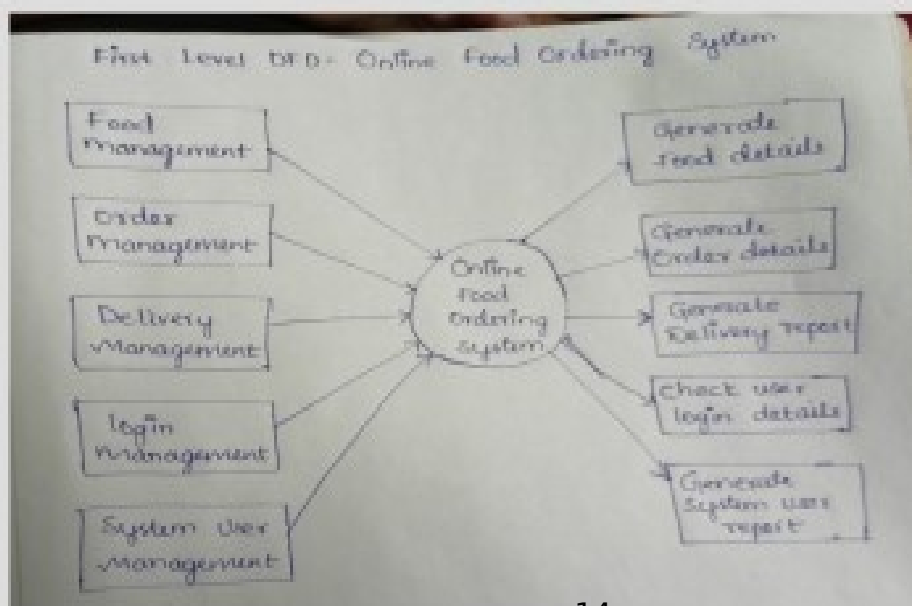
Use Case Diagrams:

Use Case Diagram

[Roast up] online food ordering System

Login / Signup

Home

<<include>>

<<include>>

Menu

Veg

<<includes>>

Cart

Non-veg

Customer

old customer

New customer

Orders

Payment

<<extends>>

<<extends>>

COD

Wallet
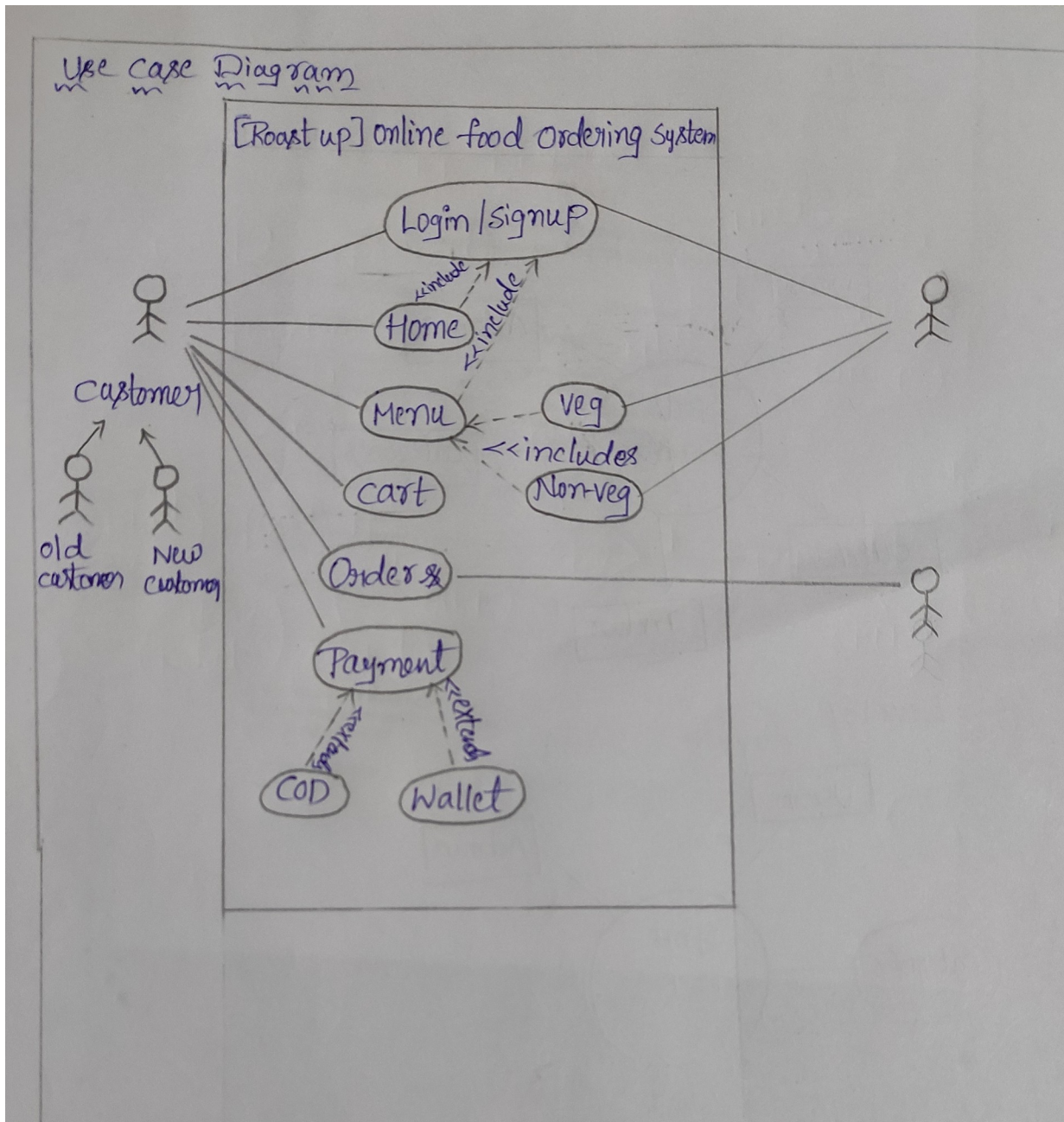
7.3.3)ACTIVITY DIAGRAM-(Online food ordering system)
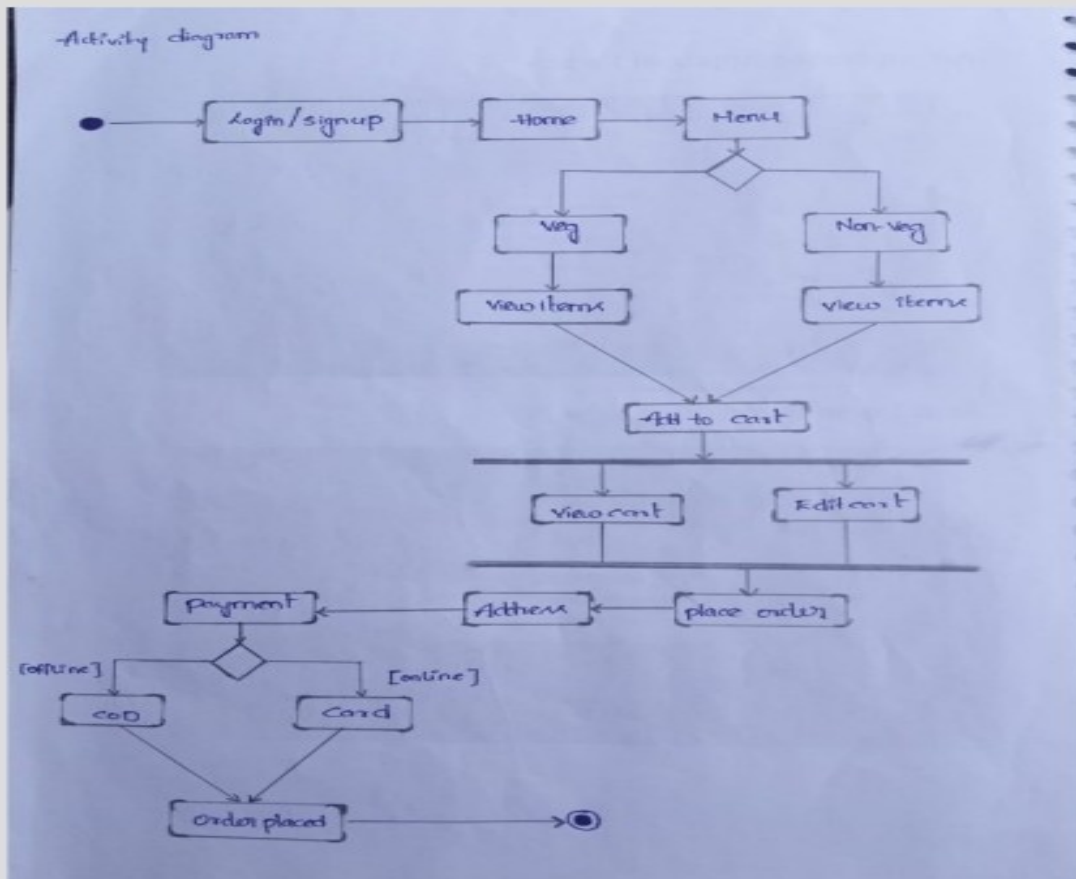
FIRST LEVEL DFD-ONLINE FOOD ORDERING SYSTEM

ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic   component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

   It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.

   It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.

   In addition, the model can be used as a design plan by the database developer implement a data model in specific database management software.

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

   Entities are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.

   Relationships are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs

- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.

- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.

ER Diagram
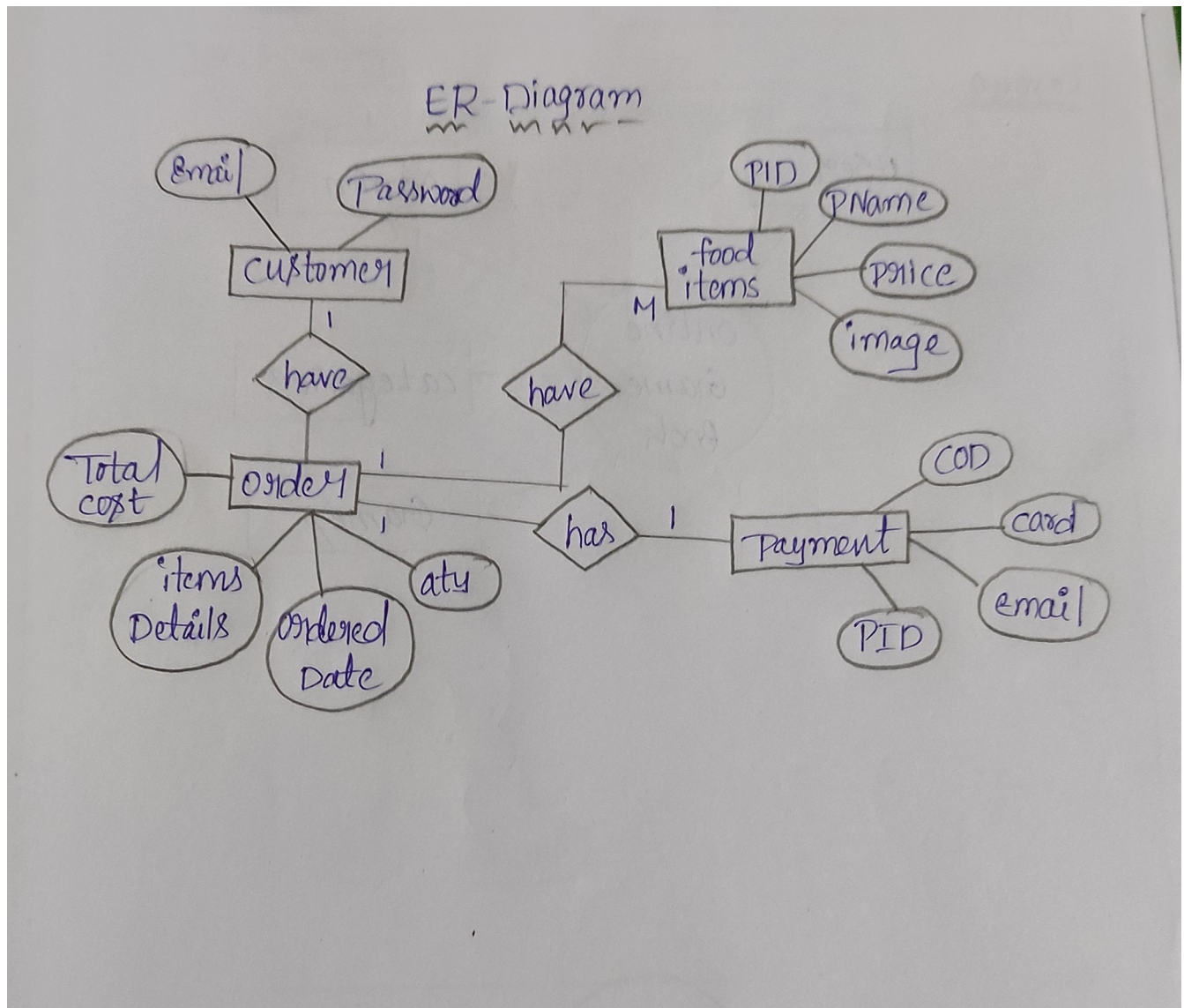
Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing

2 .Integration testing

Unit Testing

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require The procedures belonging to other units that the unit under test calls Non local data structures that module accesses .A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

Testing admin login form-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.

Report Generation: admin can generate report from the main database.

Integration Testing

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

CODE

```html
<!DOCTYPE html>
<html lang="en"> <head> <meta charset="utf-8"> <title>ROASTUP-HOME</title>
 <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
 <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
 <link href="http://10.30.28.123:8000/ROASTUP/lib/animate/animate.min.css" rel="stylesheet">
<link href="http://10.30.28.123:8000/ROASTUP/lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
<link href="http://10.30.28.123:8000/ROASTUP/lib/flaticon/font/flaticon.css" rel="stylesheet">
<link href="http://10.30.28.123:8000/ROASTUP/lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet" />
<link href="css/style.css" rel="stylesheet">
</head>
<body>
        <div class="navbar navbar-expand-lg bg-light navbar-light">
 <div class="container-fluid">
<a href="http://10.30.28.123:8000/ROASTUP/index.html" class="navbar-brand"><span>ROASTUP</span></a>
<button type="button" class="navbar-toggler" data-toggle="collapse" data-target="#navbarCollapse"> <span class="navbar-toggler-icon"></span> </button>
<div class="collapse navbar-collapse justify-content-between" id="navbarCollapse">
        <div class="navbar-nav ml-auto"> <a href="http://10.30.28.123:8000/ROASTUP/index.html" class="nav-item nav-link active">Home</a>
<a href="http://10.30.28.123:8000/ROASTUP/about.html" class="nav-item nav-link">About</a>
<a href="http://10.30.28.123:8000/ROASTUP/feature.html" class="nav-item nav-link">Feature</a>
 <a href="http://10.30.28.123:8000/ROASTUP/menu.html" class="nav-item nav-link">Menu</a>
<a href="http://10.30.28.123:8000/ROASTUP/order.html" class="nav-item nav-link">Order</a>
<a href="http://10.30.28.123:8000/ROASTUP/contact.html" class="nav-item nav-link">Contact</a>
 <a href="form.php" class="nav-item nav-link">Cart</a> </div> </div> </div> </div>

<div class="carousel">
<div class="container-fluid">
        <div class="owl-carousel">
         <div class="carousel-item">
         <div class="carousel-img"> <img src="img/slider-01.jpg" alt="Image">
         </div> <div class="carousel-text"> <h1>ROAST<span>UP</span>...</h1> <div class="carousel-btn"> </div>
          </div> </div>
<div class="carousel-item">
        <div class="carousel-img"> <img src="img/slider-02.jpg" alt="Image"> </div> <div class="carousel-text">
        <h1>FooD<span>Is</span>Energy...</h1> <p><strong> NOTHING BRINGS PEOPLE TOGETHER LIKE GOOD
        FOODðŸ˜‹   </strong></p> <div class="carousel-btn"> </div> </div>
</div>
 <div class="carousel-item">
         <div class="carousel-img"> <img src="img/slider-03.jpg" alt="Image"> </div> <div class="carousel-text"> <h1>Fastest
        Order <span>Delivery</span></h1> <p><strong>DISCOVER GREAT PLACES TO EAT ðŸ  ´ï¸  ðŸ  œï¸
        AROUND YOU...</strong></p> <div class="carousel-btn"></div>
 </div> </div> </div> </div>
<!-- Feature Start -->
<div class="feature"> <div class="container">
<div class="row"> <div class="col-lg-5"> <div class="section-header"> <p>Why Choose Us</p> <h2>Our Key Features</h2>
 </div> <div class="feature-text">
 <div class="feature-img"> <div class="row"> <div class="col-6"> <img src="img/feature-1.jpg" alt="Image"> </div>
 <div class="col-6"> <img src="img/feature-2.jpg" alt="Image"> </div> <div class="col-6">
<img src="img/feature-3.jpg" alt="Image"> </div> <div class="col-6"> <img src="img/feature-4.jpg" alt="Image"> </div>
</div> </div>
```

```html
<p> Lorem ipsum dolor sit amet consec adipis elit. Phasel nec preti mi. Curabit facilis ornare velit non vulputa. Aliquam metus tortor, auctor id gravida condime, viverra quis sem. Curabit non nisl nec nisi sceleri maximus </p>
 <a class="btn custom-btn" href="home.html">Book A Table</a> </div> </div>
<div class="col-lg-7"> <div class="row"> <div class="col-sm-6"> <div class="feature-item">
<i class="flaticon-cooking"></i> <h3>World's best Chef</h3>
<p> Lorem ipsum dolor sit amet elit. Phasel nec preti mi. Curabit facilis ornare velit non vulput metus tortor </p> </div> </div>
 <div class="col-sm-6"> <div class="feature-item"> <i class="flaticon-vegetable"></i>
<h3>Natural ingredients</h3> <p> Lorem ipsum dolor sit amet elit. Phasel nec preti mi. Curabit facilis ornare velit non vulput metus tortor </p>
 </div> </div> </div>
<div class="row">
 <div class="col-sm-6">
        <div class="feature-item"> <i class="flaticon-medal"></i> <h3>Best quality products</h3>
        <p> Lorem ipsum dolor sit amet elit. Phasel nec preti mi. Curabit facilis ornare velit non vulput metus tortor </p
</div> </div>
 <div class="col-sm-6">
<div class="feature-item">
        <i class="flaticon-meat"></i> <h3>Fresh vegetables & Meet</h3>
        <p> Lorem ipsum dolor sit amet elit. Phasel nec preti mi. Curabit facilis ornare velit non vulput metus tortor </p>
</div> </div> </div>
div class="row">
 <div class="col-sm-6">
        <div class="feature-item"> <i class="flaticon-courier"></i> <h3>Fastest door delivery</h3>
         <p> Lorem ipsum dolor sit amet elit. Phasel nec preti mi. Curabit facilis ornare velit non vulput metus tortor </p>
</div> </div>
 <div class="col-sm-6">
<div class="feature-item"> <i class="flaticon-fruits-and-vegetables"></i> <h3>Ground beef & Low fat</h3> <p>

<div class="contact">
<div class="container">
        <div class="section-header text-center"> <p>Contact Us</p> <h2>Contact For Any Query</h2>
 </div>
<div class="row align-items-center contact-information">
        <div class="col-md-6 col-lg-3"> <div class="contact-info"> <div class="contact-icon"> <i class="fa fa-map-marker-alt"></i> </div>
 <div class="contact-text">
        <h3>Address</h3> <p>7 Roads,Kadapa,AP</p> </div> </div> </div> <div class="col-md-6 col-lg-3">
        <div class="contact-info"> <div class="contact-icon"> <i class="fa fa-phone-alt"></i> </div>
                <div class="contact-text"> <h3>Call Us</h3> <p>+918887799900</p>
</div>

  <div class="col-md-6 col-lg-3">
        <div class="contact-info"> <div class="contact-icon"> <i class="fa fa-envelope"></i> </div>
        <div class="contact-text"> <h3>Email Us</h3> <p>support@roastup.com</p>
 </div> </div> </div>

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

        <iframe src="img/support.jpg"><strong>Enter Your Details</strong> </iframe>

 </div>
```

```html
      <div class="col-md-6">
                 <div id="success">
      </div>
      <form name="sentMessage" id="contactForm" novalidate="novalidate">
      <div class="control-group"> <input type="text" class="form-control" id="name" placeholder="Your Name" required="required"
      data-validation-required-message="Please enter your name" /> <p class="help-block text-danger"></p>
      </div>
       <div class="control-group"> <input type="email" class="form-control" id="email" placeholder="Your Email"
      required="required" data-validation-required-message="Please enter your email" />
       <p class="help-block text-danger"></p> </div> <div class="control-group"> <input type="text" class="form-control"
      id="subject" placeholder="Subject" required="required" data-validation-required-message="Please enter a subject" />
      <p class="help-block text-danger"></p>
       </div> <div class="control-group">
                 <textarea class="form-control" id="message" placeholder="Message" required="required" data-validation-required-
                 message="Please enter your message"></textarea> <p class="help-block text-danger"></p>
      </div>
      <div> <button class="btn custom-btn" type="submit" id="sendMessageButton">Send Message</button> </div>
                 </form> </div>
      </div> </div> </div>

      <div class="footer-contact">
      <h2>Our Address</h2>
      <p><i class="fa fa-map-marker-alt"></i>123 Street, New York, USA</p>
       <p><i class="fa fa-phone-alt"></i>+012 345 67890</p>
       <p><i class="fa fa-envelope"></i>info@example.com</p>
       <div class="footer-social"> <a href="home.html">
      <i class="fab fa-twitter"></i></a> <a href="home.html">
      <i class="fab fa-facebook-f"></i></a>
       <a href="home.html"><i class="fab fa-youtube">
      </i></a> <a href="home.html"><i class="fab fa-instagram"></i>
      </a> <a href="home.html"><i class="fab fa-linkedin-in"></i></a>
      </div> </div> </div>
<div class="copyright">

 <div class="container"> <p>Copyright &copy; <a href="home.html#">RoastUP</a>, All Right Reserved.</p> </div> </div>

</div> <script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js"></script>

 <script src="http://10.30.28.123:8000/ROASTUP/lib/easing/easing.min.js"></script>

<script src="http://10.30.28.123:8000/ROASTUP/lib/owlcarousel/owl.carousel.min.js"></script>

<script src="http://10.30.28.123:8000/ROASTUP/lib/tempusdominus/js/moment.min.js"></script>

<script src="http://10.30.28.123:8000/ROASTUP/lib/tempusdominus/js/moment-timezone.min.js"></script>

 <script src="http://10.30.28.123:8000/ROASTUP/lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

 <script src="http://10.30.28.123:8000/ROASTUP/mail/jqBootstrapValidation.min.js"></script>

 <script src="http://10.30.28.123:8000/ROASTUP/mail/contact.js"></script> <script src="js/main.js"></script>

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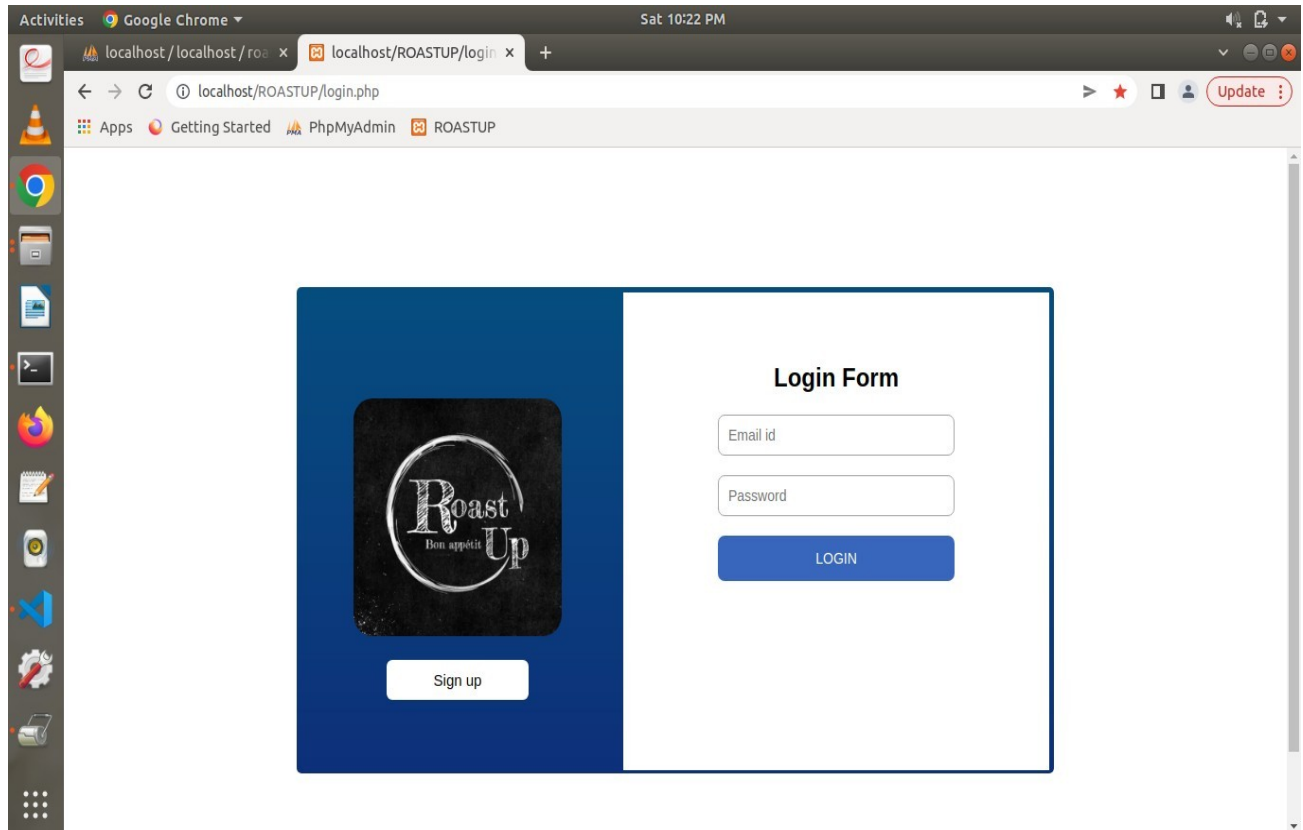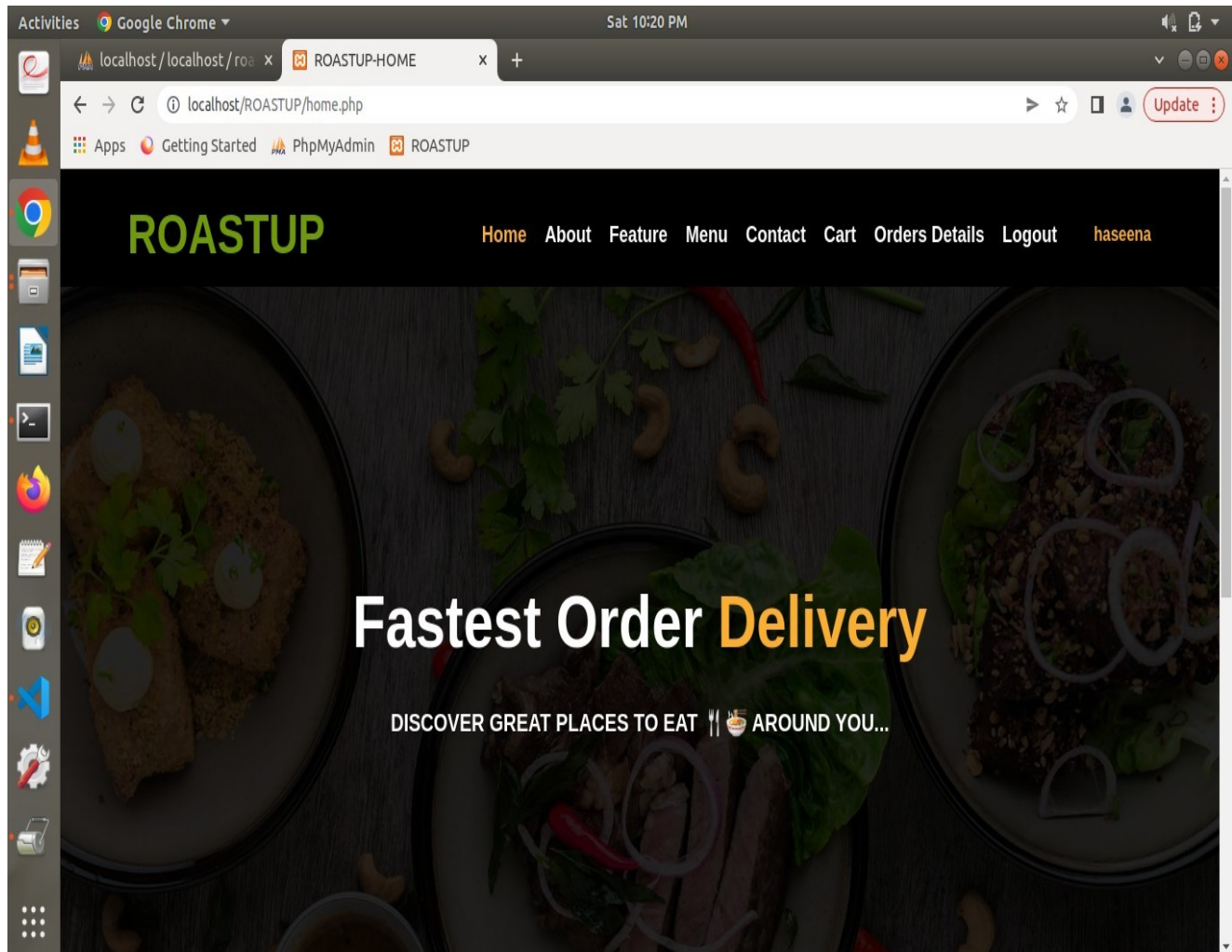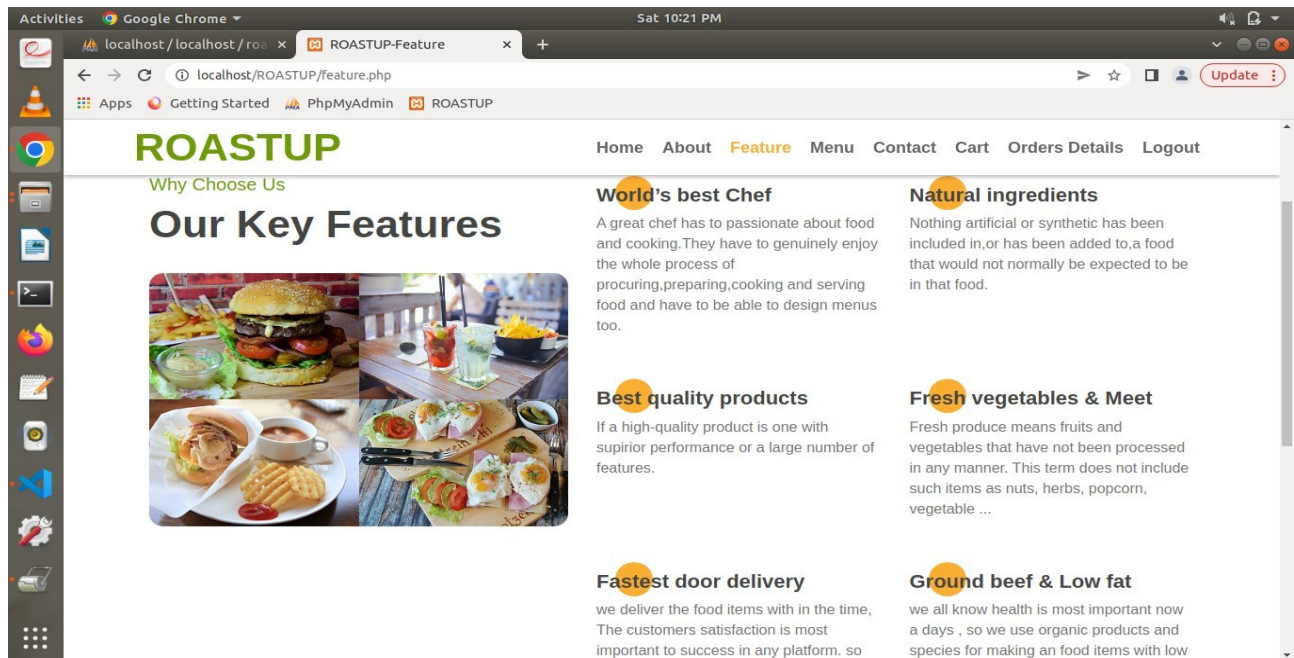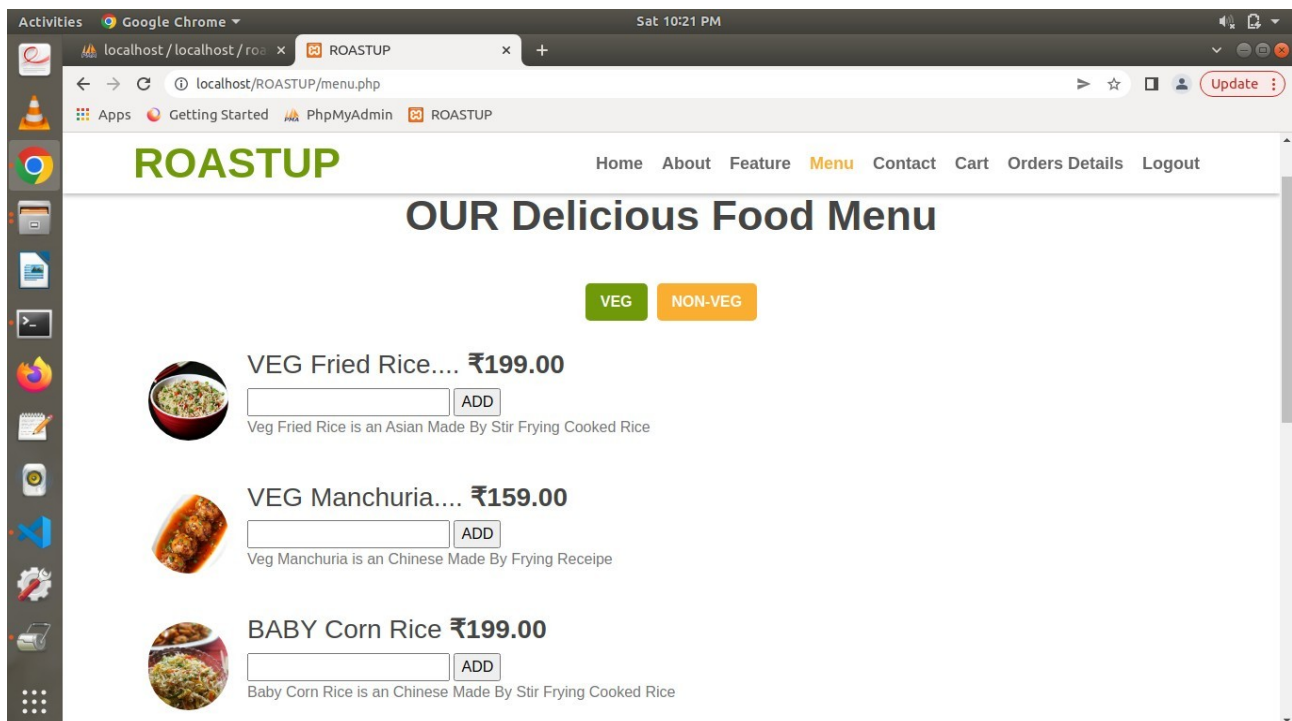
Evaluation

Project output

LOGIN PAGE

About Page

Features

Menu

NON-VEG

Cart

Admin Login

suggestions

21

Conclusion

Overall we have created a website in focus of future Online food delivery system , this website will helpful to many people.
We Implemented some modules for user feedback,we also provide suggestion tab if user want to deliver their suggestions.
Admin can keep track of all orders placed by the customers, he can managers whole online food delivery system without any interruption.

- Automation of the entire system improves the productivity.

- It provides a friendly graphical user interface which proves to be better when compared to the existing system.

- It gives appropriate access to the authorized users depending on their permissions.

- It effectively overcomes the delay in communications.

- Updating of information becomes so easier.

- System security, data security and reliability are the striking features.

- The System has adequate scope for modification in future if it is necessary.

References

For PHP

- https://www.w3schools.com/php/default.asp

- https://www.sitepoint.com/php/

- https://www.php.net/

For MySQL

- https://www.mysql.com/
- http://www.mysqltutorial.org

For JAVASCRIPT

- https://www.apachefriends.org/download.html

*******THANKYOU********