Dissertation on

Design and Implementation of Online Shopping Website

Thesis submitted towards partial fulfilment of the requirements for the degree of

Master of Technology in IT (Courseware Engineering)

Submitted by

Rimita Santra

EXAMINATION ROLL NO.: M4CWE22024

UNIVERSITY REGISTRATION NO.: 154506 of 2020-21

Under the guidance of

Prof. Dr. Matangini Chattopadhyay
School of Education Technology
Jadavpur University

Course affiliated to

Faculty of Engineering and Technology
Jadavpur University
Kolkata – 700032,
India
2022

M.Tech IT (Courseware Engineering)
Course affiliated to
Faculty of Engineering and Technology
Jadavpur University
Kolkata, India

CERTIFICATE OF RECOMMENDATION

This is to certify that the thesis entitled **"DESIGN AND IMPLEMENTATION OF ONLINE SHOPPING WEBSITE"** is a bonafide work carried out by **RIMITA SANTRA** under our supervision and guidance for partial fulfilment of the requirements for the degree of Master of Technology in IT(Courseware Engineering) in School of Education Technology, during the academic session 2021-2022.

_____

SUPERVISOR

School of Education Technology

Jadavpur University,

Kolkata – 700 032

_____

DIRECTOR

School of Education Technology

Jadavpur University,

Kolkata – 700 032

_____

DEAN - FISLM

Jadavpur University,

Kolkata-700 032

M.Tech. IT (Courseware Engineering)
Course affiliated to
Faculty of Engineering and Technology
Jadavpur University
Kolkata, India

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I hereby declare that this thesis contains literature survey and original research work by the undersigned candidate, as part of her **Master of Technology in IT (Courseware Engineering)** studies.

All information in this document has been obtained and presented in accordance with academic rules and ethical conduct.

I also declare that, as required by this rule and conduct, I have fully cited and referenced all materials and results that are not original to this work.

NAME: RIMITA SANTRA

EXAMINATION ROLL NUMBER: M4CWE22024

THESIS TITLE: DESIGN AND IMPLEMENTATION OF ONLINE SHOPPING WEBSITE

SIGNATURE: **DATE**:

ACKNOWLEDGEMENT

Firstly, I would like to express my sincere gratitude to my supervisor Prof. Dr. Matangini Chattopadhyay for her continuous support in my thesis work and related research. Her guidance and valuable suggestions always helped me at time of research and writing of this thesis. I could not have imagined having a better advisor and mentor for my Master Degree study. I am very much thankful to her for the motivation and support given during the entire duration of research work.

Besides this, I would like to thank Prof. Dr. Ranjan Parekh, Dr. Saswati Mukherjee and Mr. Joydeep Mukherjee for their continuous encouragement and support during my entire period of study in the School of Education Technology. I would like to express my gratitude to the entire staff, lab assistant and research workers specially Dr. Jyotismita Chaki, Dr. Susovan Jana & Mr. Hindol Bhattacharya and all of those who were associated with my work for their co-operation and opinion. I am very grateful to all my fellow classmates of M.Tech IT (Courseware Engineering) and also Master in Multimedia Development courses for their helpful suggestions and continuous support.

I would like to thank my parents for always supporting me in every ups and downs during my entire period of work. I am also thankful to my friends and well wishers who always have faith in me.

Rimita Santra

Class Roll No. 002030402024

Examination Roll No. M4CWE22024

Univ. Registration No. 154506 of 2020-21

M.Tech IT (Courseware Engineering)

School of Education Technology

Jadavpur University , Kolkata - 700032

DEDICATED TO,

My Parents

And My Mentor

Prof. Dr. Matangini Chattopadhyay

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LIST OF ABBREVIATION

1. E-Commerce – Electronic Commerce
2. PHP – PHP:Hypertext Preprocessor
3. HTML – Hypertext Markup Language
4. CSS – Cascading Style Sheet
5. JS – JavaScript
6. XAMPP – Cross Platform , Apache, MySQL, PHP and Perl.
7. SQL -- Structured Query Language

EXECUTIVE SUMMARY

E-commerce (electronic commerce) is gaining momentum as a recognized medium of Online Shopping in today's fast-moving business environment. E-commerce is the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the internet. That's the goal of accessibility for E-commerce creating an online store that everyone can use, no matter their age, skill level, location, or presence of a disability. An accessible website does not rely on the mouse. It makes all functionality available from a keyboard. Then people with disabilities can use assistive technologies that mimic the keyboard, such as speech input.

The research work is built with an aim to create an ecommerce website, which will help consumers to have a look into various listed products ranging from apparels, day-to-day items for use, books, etc. The website gives a freedom to the customers to view the products, choose the suitable products, add products to the cart, and pay through online as well as offline mode for purchasing products. Hence this website creates an enriched buying experience for a consumer. A separate Admin panel has been created, comprising of a Dashboard to check all pending orders, customers, products, product categories, etc. The Admin has all the access to add/ modify Manufacturers, varied Products, Categories (man, woman, kid, etc.) and Sub-categories (Jackets, Accessories, Shoes, Coats, T-Shirts, etc.). An exclusive access has been provided to change contents, slides, rules & regulations, formats in customer interface. Customers, Payments, Pending Orders, other Admin users details can also be viewed through this panel.

All the mentioned features included in this Ecommerce website have created this one-stop solution for the customers as well as Admins.

1.INTRODUCTION

In today's fast-moving business environment, it is very important to be proficient enough to respond to customer needs efficiently and timely

Online shopping has found rapid growth for the fast-paced world in the present context. Fashion is the key word for today's teenagers. Any shopping website that is concerned will be able to attract more customers only if the items purchased will be delivered on time. Here the user interface should be simple and easy to understand even by the common people. An online shop evokes the physical analogy of buying products or services at a regular shopping center; the process is called business-to-consumer (B2C) online shopping. When an online store is set up to enable businesses to buy from another businesses, the process is called business-to-business (B2B) online shopping. A typical online store enables the customer to browse the firm's range of products and services, view photos or images of the products, along with information about the product specifications, features and prices.

Online shopping is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser or a mobile app. It is important to create an experience for customers who want to see our business online and have quick access to our products or services. E-commerce is gaining momentum as a recognized medium of online shopping in the business paradigm. Many business houses use web sites that provide with the ability to do commercials and to brand them on the web. It makes sense to say that the process of shopping on the web has become quite common and user-friendly.

1.1 **Shopping Methodologies**

1.1.1 **Offline Shopping**

Offline shops have offers going on only a limited number of months a year. While buying offline, one person can check how well the dress fits him/her and how is the dress material. In Online system, you hardly get the idea looking at images on your computer but in Offline System, you can feel the texture of the cloth and if it is as per your expectation.

Advantages of Offline Shopping System

- **Feel of the clothes**

Shopping for things in person gives you the option to feel the clothes. The quality of the material is easier to judge. While selecting clothing for children, it's important that the material does not itch, or is uncomfortable. When selecting clothes in a store, you can get the feel of the cloth, hence making a more informed choice.

- **Staff help**

A staff at any store is well versed in the outlets' many pieces, and hence their recommendations are important. Especially in bigger multi brand stores, the staff can point you in the right direction and help you pick out select pieces. This helps you save time and discover new things you didn't know about before!

The other advantages are :

- No delay in delivery. Go to the store and get what you want without delay in offline shopping
- Choose by experience
- Quick return
- Purchase immediate products
- Pay by cash or other options
- Safety

1.1.2 Online Shopping

Online shopping is a process whereby consumers directly buy goods, services etc. from a seller without an intermediary service over the Internet.

The Advantages of online shopping :-

- **Customer database management system**: The information of the customers doing the online shopping must be maintained in a well organized way.
- **Description**: There should be proper description that must be given to the items that are kept for sale.
- **Price**: The price of the item should also be mentioned along with the description to prevent any further confusion.
- **Category**: There must be various categories like clothes, accessories, electronic gadgets and so on which will help in easy searching for the items by the customers.

- **Delivery boy**: There should be some delivery boys available to deliver the items that have been purchased by the customers. Each area must be assigned different delivery boys.
- **On time delivery**: The items purchased by the customers must be delivered on time without any delay.

1.1 Objectives

- To learn XAMPP which helps a local host or server to test online shopping website and clients via computers and laptops.
- To learn about Bootstrap version 3 includes HTML and CSS based design templates for forms, buttons, tables, navigation, images and many others.
- To easily create responsive web design which automatically adjust themselves to look good on all devices, Bootstrap helps me to do that.
- To learn PHP, which helps to develop backend.
- To learn HTML, which helps to describe the content and structure of the webpages.
- To learn Javascript, which helps web pages interactive elements that engage a user.
- To learn CSS, which helps to define styling like cell padding of table cells, the style, thickness, color of a table border, padding around images or other objects.

1.3Implementation Technology

- **HTML5**

  HTML is used in the system for describing the structure of Web pages. It gives the means to publish online documents with headings, tables, text, lists, photos, etc. Online information is retrieved via hypertext links, at the click of a button. HTML5 is the latest version of HTML which can provide many capabilities including the ability to run images, audio & video files, which in turn can effectively attract different users to the site. As a result, it can increase the traffic to the website and this version can create very high graphics for websites.

- **CSS3**

  CSS3 is mainly used with HTML to create & format content structure. It is responsible for colours, font properties, text alignments, background images, graphics, tables, etc. It provides the positioning of various elements with the values being fixed, absolute, and relative. In short, CSS is a design language that makes a website look more appealing than just plain or uninspiring pieces of text. HTML largely determines textual content but CSS determines visual structure, layout.

- **JavaScript**

  JavaScript is the world's most popular programming language. HTML and CSS are languages that give structure and style to web pages. JavaScript gives web pages interactive elements that engage a user.

- **Bootstrap 3**

  Bootstrap is a free front-end framework, with the purpose to make web development faster and easier. It also includes HTML and CSS-based design templates for forms, typography, buttons, navigation, tables, modals, image carousels, and many other components along with other optional JavaScript plugins. Bootstrap is a potent front-end framework used to create modern websites and web apps. It's open-source and free to use, yet features numerous HTML and CSS templates for UI interface elements such as buttons and forms. Bootstrap also supports JavaScript extensions.

- **PHP**

PHP is an open source, server-side, scripting language, and a powerful tool for making dynamic and interactive Web pages. It is a widely-used, free, and efficient alternative to competitors. With HTML, code execution is done on the user's browser (client-side). On the other hand, with PHP server-side scripting language, it's executed on the server before it gets to the web browser of the user.

PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.

It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.

- **MySQL**

MySQL is a relational database management system based on SQL. The application is used for a wide range of purposes, including data warehousing, e-commerce, and logging applications. The most common use for MySQL however, is for the purpose of a web database.

- **XAMPP**

  XAMPP is a short form for Cross-Platform, Apache, MySQL, PHP, and Perl. It consists of following components-

  - Apache HTTP Server
  - MariaDB database formerly known as MySQL database
  - PHP scripts
  - Perl programming.

  XAMPP is a popular cross-platform web server that allows programmers to write and test their code on a local webserver. It was created by Apache Friends, and the public can revise or modify its native source code. XAMPP has the ability to serve web pages on the World Wide Web. A special tool is provided to password-protect the most important parts of the package.

- **Macromedia Dreamweaver 8**

  Dreamweaver is a great tool for producing Web sites. It provides an array of options and functions that speed up the development process and make it easy to update your site. A comprehensive website authoring program for Windows and Mac from Adobe. Dreamweaver enables the HTML programmer to build complex websites using HTML, JavaScript and server-side programming languages. It immediately renders the code in a design window.

Advantages of Using Dream Weaver to Design Web Pages

- Ease and efficiency of use. This software has not only been designed with advanced level users in mind but also for beginners
- The ability to create consistent looking web pages
- Managing and updating websites effectively
- Customisable software

1.4 Assumptions and Scopes

1.4.1 Assumptions

- Every User must be connected to the internet.
- Every User may be shopped by “Rimita E-Store” Website.

1.4.2 Scopes

- The “Rimita E-Store” Website can help customers to choose the items.
- By The “Rimita E-Store” Website, one can shop online very easily.
- If the customer want they can delete the specific items as well.
- If the customer face any difficulty they can contact with the CEO of the website.
- Customer can edit their profile, change password edit profile picture as well.

1.5. Literature Survey

Throughout this section, there will be comprehensive discussion on theoretical and practical views of previous studies done in online shopping and offline shopping for apparels. This study combines factors that other studies have done that will influence the consumer’s purchasing decision in online and offline stores for apparels. It includes the price attractiveness, time saving, perceived risk, enjoyment and excitement, tangibility and high interactivity. All of these factors will contribute to the study of customer’s purchasing intention for apparels on both stores which includes online and offline shopping.

- Paper [1] B/S (Browser/Server) Model has been described. B/S model simplifies system development, maintenance and usage. The client only needs one browser under the B/S model, and the browser interact data with database through Web Server. Finally, the system can meet online shopping requirements. It is also a good application of e-commerce.
- Paper[2] design and implementation of the online shopping system based on JSP has been discussed . It mainly introduces the online shopping program, online payment, the order generating, and completed a series of functions about online shopping for digital works.
- Paper [3] describes how easy customer search is the products easily and the customers desire if the whole of fashion world is under a single click. To overcome the older context of searching products manually, an algorithm is proposed which is a fusion of auto tagging and geo-tagging along with the other features such as crawling, feature extraction and filtering technique.
- Paper [4] the impact of E-commerce on young generation has been described Indian E-commerce market is growing faster and expected to see tremendous growth over next few years. If base of Indian E-commerce grows, high margin business will generate the returns for investors.
- Paper [5] Qualitative and Quantitative research methods to study the impact of demographic factors of consumers on online shopping parameters. It result reveals that online shopping in India is significantly affected by various demographic factors like age, gender, marital status, family size and income.
- Paper [6] describes online shopping services and real estate business services by using new technologies. User can electronically exchange goods and services with no barriers of time and distance. Nyasacart is a web application, which retails various fashion, products and real estate services. It allows users to directly buy product from seller over the internet. This paper introduces a new method where users check outfit by uploading their own picture.
- Paper [7] describes employed case and survey methods to study the antecedents of customer satisfaction. Though case methods a research model with hypotheses is developed. And through survey methods, the

relationships between antecedents and satisfaction are further examined and analysed. Among all five antecedents homepage presentation is a new and unique antecedent which has not existed in traditional marketing.

- Paper [8] describes factors online buyers perceive websites differently. This research found that website design, website reliability/fulfilment, website customer service and website privacy are the four dominant factors of new Zealand buyers ;i.e, trial, occasional, frequent and regular online buyers. These buyers have different evaluations of website design and also security/privacy issues which are important to most of online buyers.
- Paper [9] easiness to locate the web site/app, ease of use, perceived usefulness, utilitarian features, perceived enjoyment, multi-device compatibility have been described. Brand engagement, positive word of mouth (WOM) and repeat purchase are the outcomes of compelling online customer experience. The purpose of this paper is to develop a theoretical model for a unified online customer experiences by drawing related literature on consumer behaviour in the online context.
- An empirical analysis of Vietnamese consumers online shopping behaviour has been discussed in paper [10]. They found that education and monthly income have a significant impact on the amount of consumers online shopping, while flow of goods and information have a significant positive effect on consumers' online shopping frequency.

1.6. Background Concept

The traditional shopping includes offline shopping and online shopping. In present scenario, shopping is shifting towards online system from offline or face to face shopping system. Therefore, it's important to understand customer's choice and need. The customers can choose the system in one click and without any effort. In order to achieve these goals, Online Shopping is that solution to save time and effort and personalized shopping to the customer. In reality, certain difficulty will be faced by customers, those are as follows –

- ✓ The customer may face less interest about a particular product items.
- ✓ Difficulty to understand the colour and size of a particular product.

- ✓ The product material does not suit customer's choice and need as well.
- ✓ The system may be less interactive for gaining customers motivation.

In our demonstration and research work, Online shopping has been used for overcoming some of these constraints. Online system via any device is portable. Therefore it is highly beneficial for customers to choose products anywhere and anytime. Mobile phones rather Smartphones having touch screens are very easy to use. The smartphone provides features similar to computers and laptops like internet connectivity, GPS, Wi-Fi, camera , calling and mailing facility and many more.

1.7 Organization of Thesis

- Section 1 introduces the research work in brief. It describes different methodologies and their advantages briefly. The section also covers objectives, implementation technology, assumption, scopes and background concept as well.
- Section 2 analyses some problems depending on some concepts which will help to achieve objectives towards the solution of work.
- Section 3 describes design model and proposed solution. Design includes system architecture, detailed description, database design, flowchart diagram etc.
- Section 4 includes experimentation along with result after testing the system.
- Section 5 discusses about comparative analysis.
- Section 6 concludes the research work and indicates future works and further improvements.
- Section 7 includes all the references used in this research work.
- Appendix A provides a user manual, Appendix B includes some code snippets of developing online shopping "Rimita E-store" website.

2. Concepts and problem analysis

The present day Online Shopping system has some drawbacks. Firstly, we can say different customers have different choice level, different knowledge about products, preferences and styles. These parameters affect shopping process. If all customers get same products without judging individual needs, style etc. the shopping process becomes more difficult. For that, one solution is provided in my research work discussed below.

- ❖ when a customer is viewing the details of a product or going to add it to cart, "Products You May Like" feature will suggest products for the same product category. So, if you are going to

add a Shoe to your cart, you will be suggested with other shoe items. Again, once you go to your CART, there can be more than one type of products in the cart. For example, if you have a shoe, an accessory and a jacket in your cart, you will be suggested with any products from shoes, accessories and jackets in the "Products You May Like" section.

Secondly, the problem is most of the e-commerce websites have only an Online Payment mode and few of those support Cash-On-Delivery (COD) along with it. It has been observed that COD is not always affordable during initial start, as it involves more labours. However, on looking further into people's convenience as well as difficulties, we have explored another Offline mode of payment.

For that, one solution is provided in my research work.

- a separate section for Bank details of the store has been kept. In case of difficulties in the payment gateway supported by the website during payment, customer can pay through other gateways that are installed in their mobile phones and update the details in the website to mark it as 'Paid'. Also, there are people who are not comfortable or still don't feel safe to available online transaction. In that case, consumer can also go to bank and pay the bill through any other bank modes and update the details in the website to mark it as 'Paid' status.

3. Proposed Approach

3.1 Design and System Architecture

A system architecture is a representation of a system in which there is a mapping of functionality onto hardware and software components, a mapping of the software architecture onto the hardware architecture, and human interaction with these components. Architectures must have both form and function and it is a good test of an architecture to measure its elegance. An architecture that is well designed will tend to be elegant and have a simplicity of form that will be obvious to those that take the time to study it. Fig 1 shows the architectural diagram of the online shopping system.

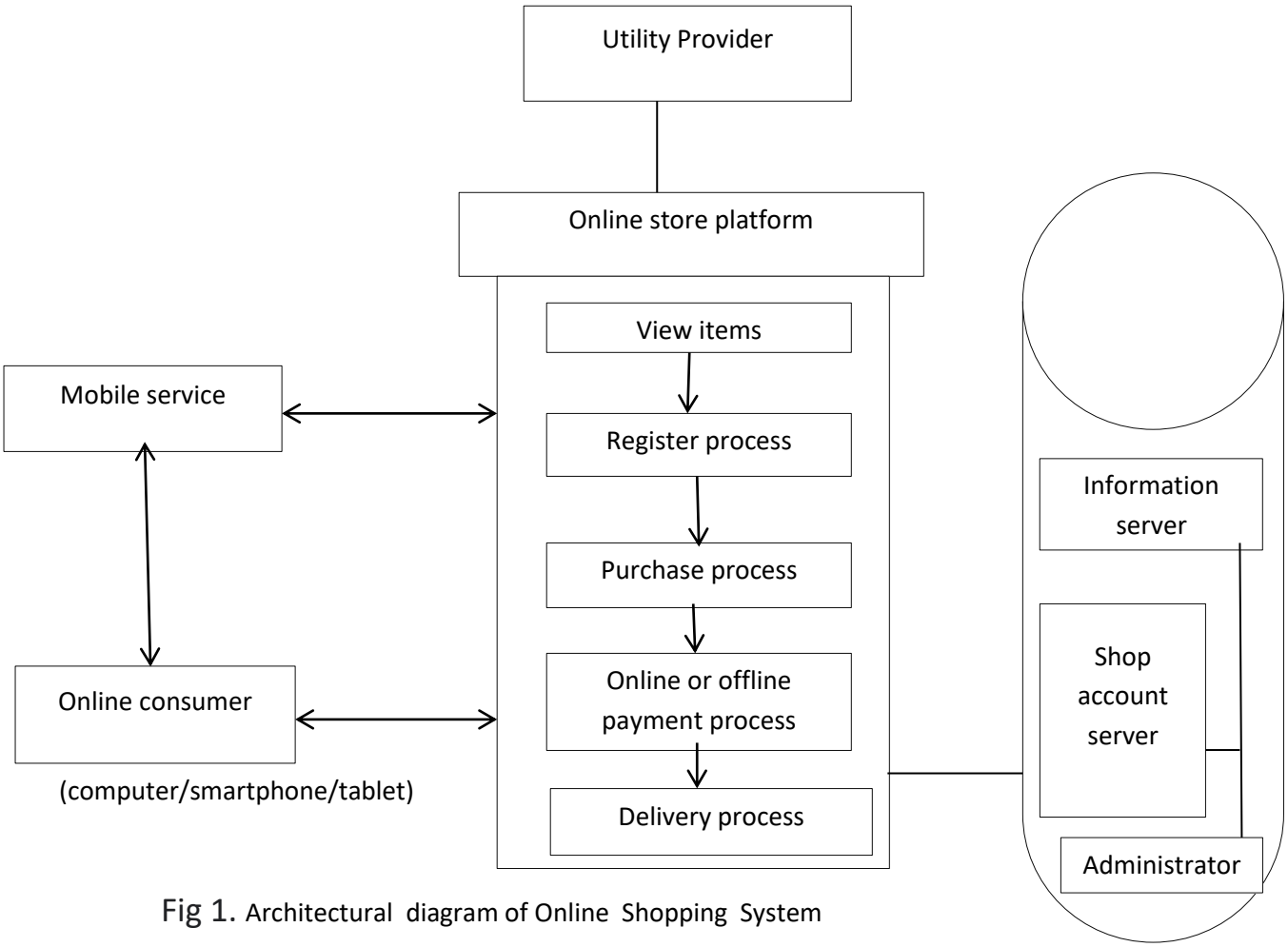


Fig 1. Architectural diagram of Online Shopping System

In the architectural diagram (figure 1), customer use mobile services that provide by online consumer like computer, smartphone and tablet. Utility Provide (manufacturers, CEO and other Business assistant) provides all

facilities into online store platform. Via mobile services customers can view items. If the customer is new, they register into the website and if they are already registered customer then only login to enter their account, purchase items if any products are likable and if not they can delete from shopping cart page. If they buy any product then if click proceed button directly go to online or offline payment process and send message to the customer to delivery the item. All paid item, order items are automatically stored to the database. In the database, separate tables are created to store pending orders, payment products, admin details, customers details, terms and condition etc.

The administrator is responsible for the content creation and segregating content from webpages. When the administrator logs on the system, he/she has provision to start the content segregation module by requesting a webpage. The database is maintained in the web server where the HTML pages are stored. On receiving the request, the server retrieves the HTML page and it is sent to all media and stored in the Web server's directory structure.

3.2 Flow chart of Online transaction:

fig2 shows the flow chart of online transaction. The flowchart depicts how system is works in frontend , backend and also in database .

Here in the front end, from Home page all other pages are shown like shopping cart, login, shop. From shop table, customer can search for the items and view items. They can select any items if that one is favourite then that will go to or add to shopping cart . When they want to purchase the items, then generate that orders and that is added to the transaction database. If the item is purchased then payment page will be opened otherwise, delete the order. In my website, two modes are generated for payment via Online and Offline. Online payment directly go is to via payment gateway and go to my account page. In case of offline mode pay through bank or other gateway and there be a form to fill up for confirmation pay of that directly go to My Account page and finally show payment information and status and transaction ends these information directly go to database to be stored and at last, customer can logout from their account.

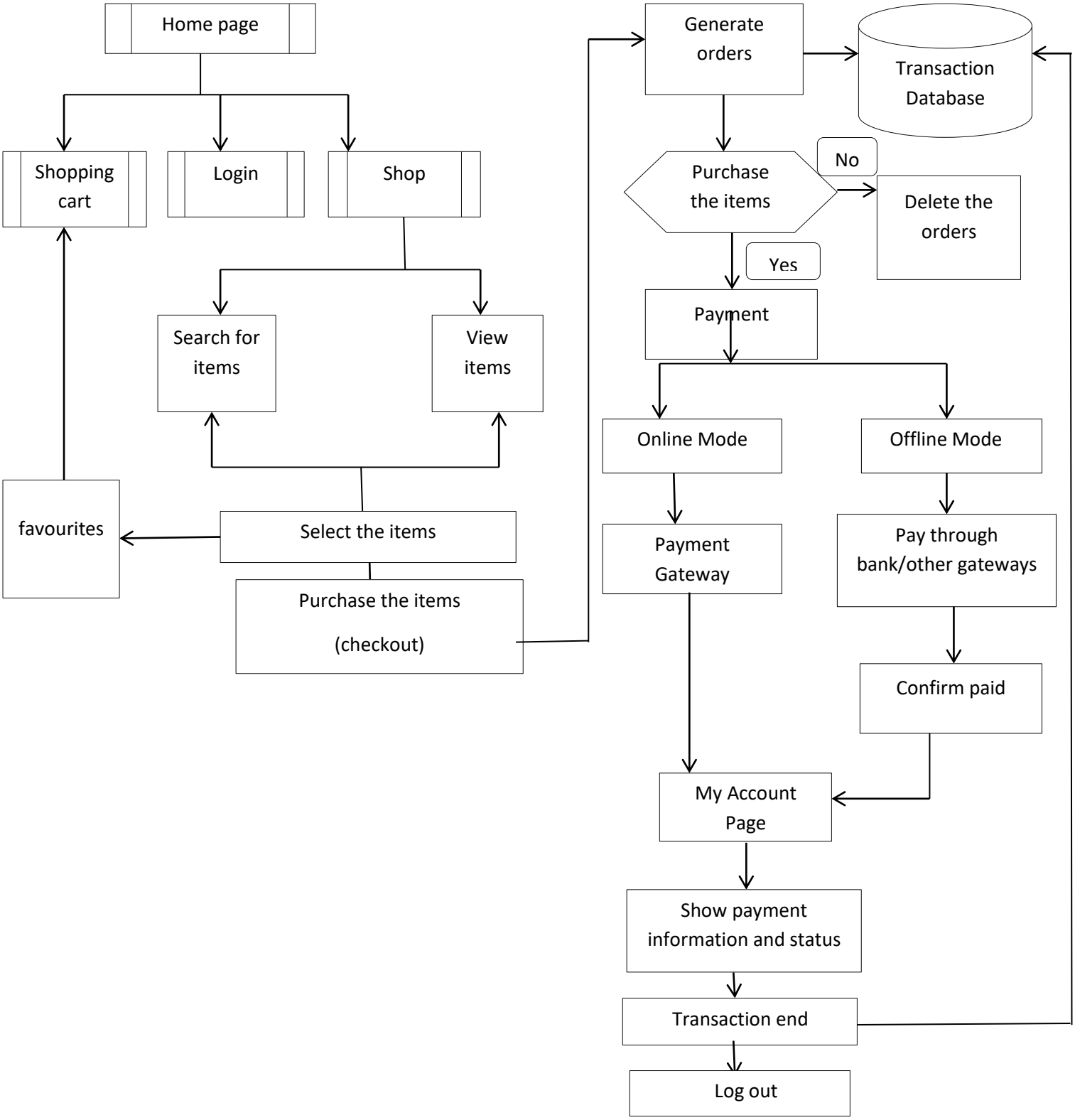


Fig 2：Flow-chart of Online Transaction

3.3 Browser And Server Communication

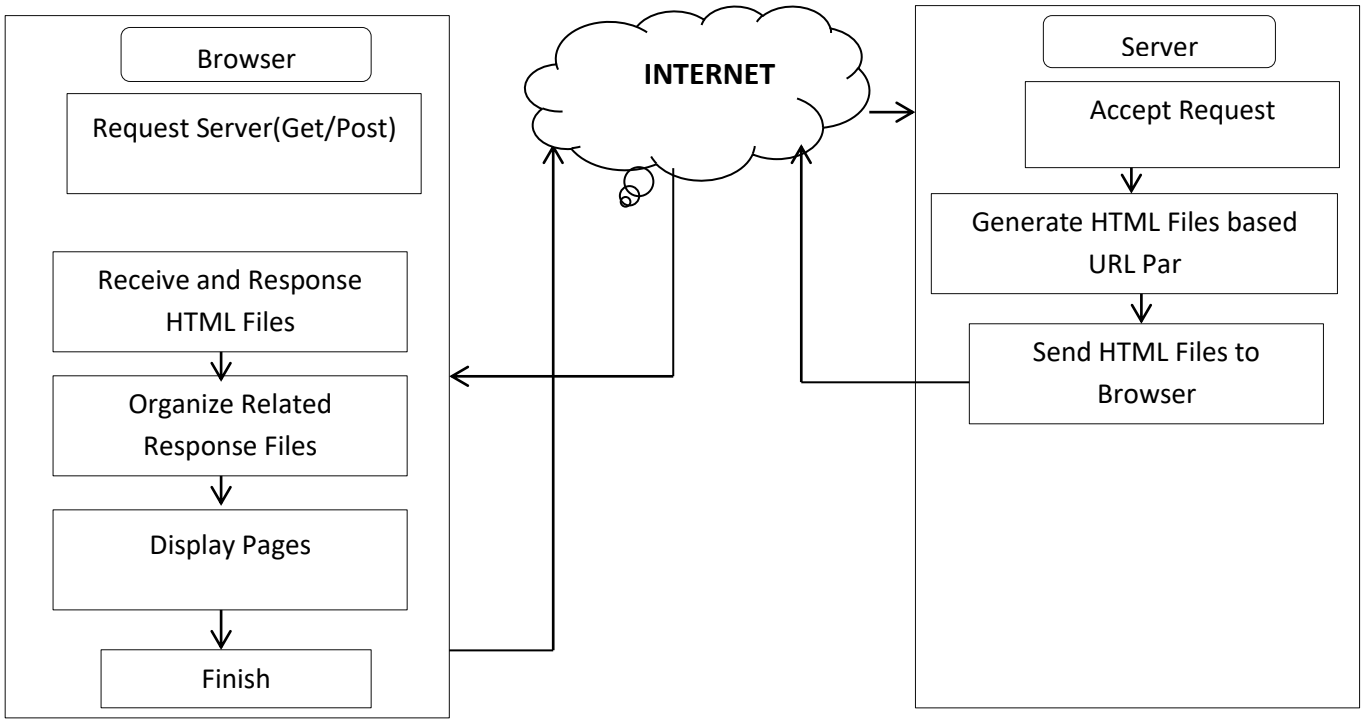


Fig 3: Browser Server Connectivity System

In fig3 B/S (Browser- server) model is one hidden client mode after WEB development. B/S model simplifies system development, maintenance and usage. The client only needs one Browser under the B/S model, and the browser interacts with database through Web Server. Finally, the system can meet online shopping requirements. It is also a good application of e-commerce.

In the Fig3 diagram describe the Browser – server connectivity system. Here first step is user operation on client side, For example, users submit forms in the client side, and send request to server and wait server's response. The server accepts and process is request, such as process is the data requested by shopping cart, calculates the data. The last step is sending necessary information according to feedback, and display results to users.

3.4 Design

Here E-R Diagram, Use case diagram are graphically represent the entire Online shopping system.

3.4.1. Data Model

Here Database Structures are designed and the entire system has been described.

3.4.1.1. DATABASE CONCEPTUAL DESIGN (ENTITY RELATIONSHIP DIAGRAM)

According to the relationship between each functional modules here all entities, attributes are drawn very clearly shown in the below diagram.

- In the fig4 diagram , customer, online shopping, products, product_categories, payment , cart , Customer order, pending order, Admin, Boxes section , Terms and slider all are entities. All Attributes are mentioned below.

1) `**admins**`(`admin_id`, `admin_name`, `admin_email`, `admin_pass`, `admin_image`, `admin_country`, `admin_about`, `admin_contact`, `admin_job`)
2) `**customers**`(`customer_id`, `customer_name`, `customer_email`, `customer_pass`, `customer_country`, `customer_city`, `customer_contact`, `customer_address`, `customer_image`, `customer_ip`)
3) `**customer_orders**`(`order_id`, `customer_id`, `due_amount`, `invoice_no`, `qty`, `size`, `order_date`, `order_status`)
4) `**manufacturers**` (`manufacturer_id`, `manufacturer_title`, `manufacturer_top`, `manufacturer_image`)
5) **payments**` (`payment_id`, `invoice_no`, `amount`, `payment_mode`, `ref_no`, `code`, `payment_date`)
6) `**pending_orders**` (`order_id`, `customer_id`, `invoice_no`, `product_id`, `qty`, `size`, `order_status`)
7) `**products**` (`product_id`, `p_cat_id`, `cat_id`, `manufacturer_id`, `date`, `product_title`, `product_img1`, `product_img2`, `product_img3`, `product_price`, `product_keywords`, `product_desc`, `product_label`, `product_sale`)
8) `**product_categories**` (`p_cat_id`, `p_cat_title`, `p_cat_top`, `p_cat_image`)
9) `**cart**` (`p_id`, `ip_add`, `qty`, `p_price`, `size`)
10) `**categories**` (`cat_id`, `cat_title`, `cat_top`, `cat_image`)
11) `**boxes_section**` (`box_id`, `box_title`, `box_desc`)
12) `**slider**` (`slide_id`, `slide_name`, `slide_image`, `slide_url`)
13) `**terms**` (`term_id`, `term_title`, `term_link`, `term_desc`)

- The relationships are drawn in diamond shape design those are:- belongs to, has, added to, does, Backend create.

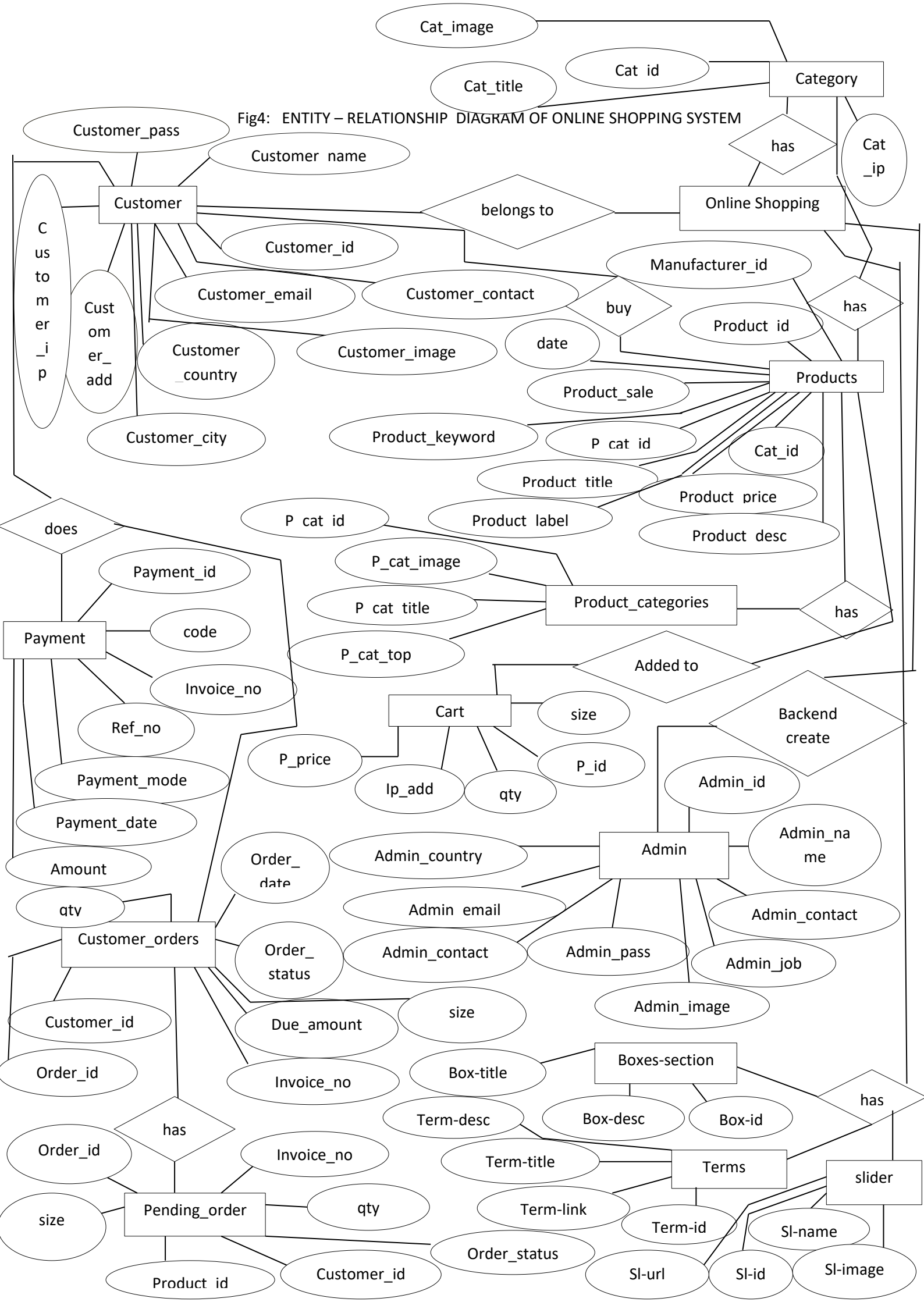


Fig4: ENTITY – RELATIONSHIP DIAGRAM OF ONLINE SHOPPING SYSTEM

3.4.1.2 USE CASE DIAGRAM OF ONLINE SHOPPING SYSTEM :-

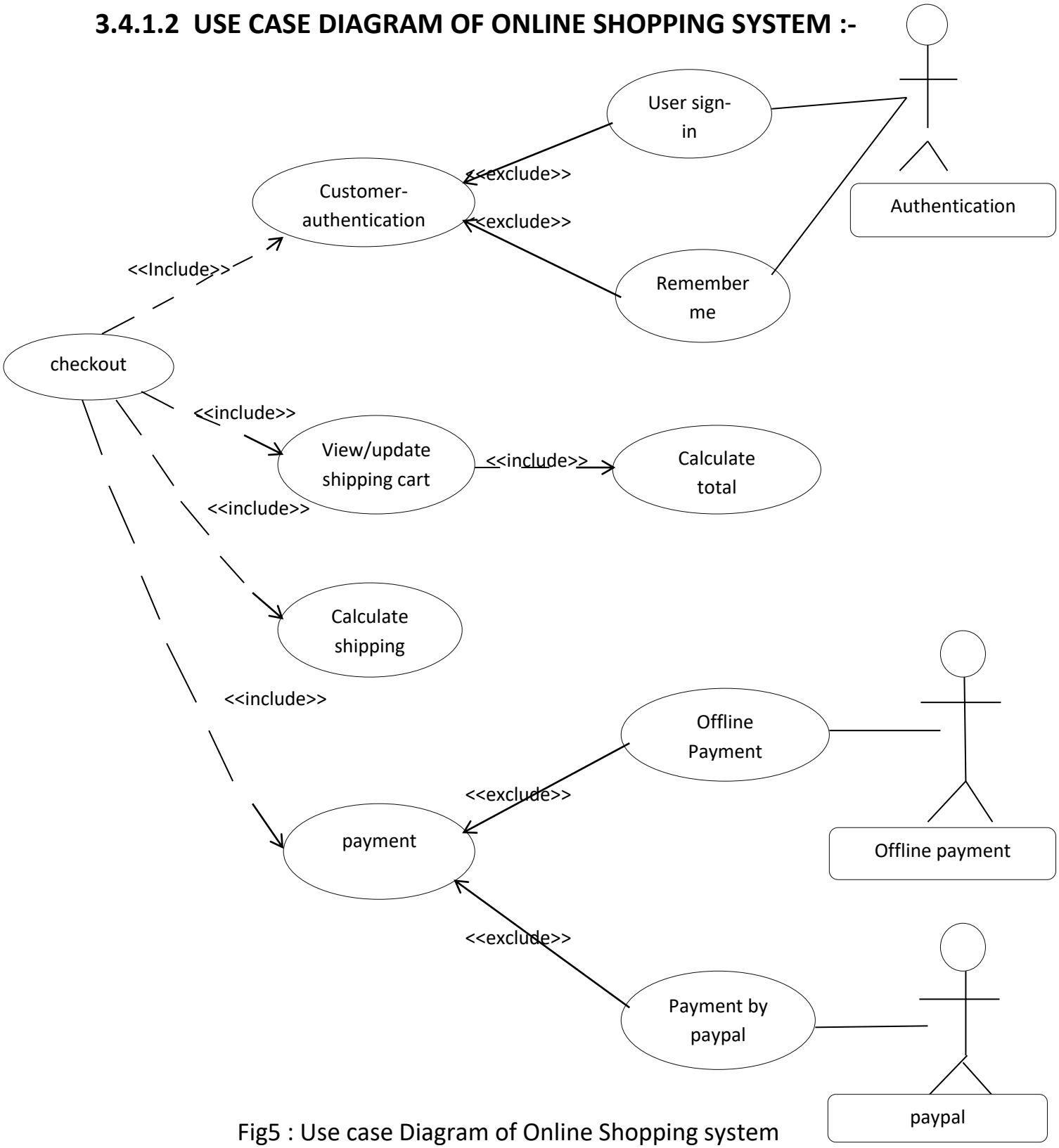


Fig5 : Use case Diagram of Online Shopping system

In the fig5 describes relationship in which one use case “Include” the functionality of another use case and in the other hand “Exclude” is optional use case which extends the base use case. Here, in fig5 according to the work, functionality all systems are drawn with perfect manner.

3.4.2 Database Design

Here, three important tables are drawn in table format with attributes and records shown in Table1. In my “Rimita E-store” website the database name is “ecom_store”.

Table 1. Customer Table

Field Name	Data Types	Character Length	Primary Key
Customer_id	Integer	10	YES
Customer_name	Varchar	255	NO
Customer_email	Varchar	255	NO
Customer_pass	Varchar	255	NO
Customer_country	text	--	NO
Customer_city	text	--	NO
Customer_contact	Varchar	255	NO
Customer_address	text	--	NO
Customer_image	text	--	NO
Customer_ip	Varchar	100	NO

Table 2. Customer Order Table

Field Name	Data - Type	Character-length	Primary Key
Order-id	INTEGER	10	YES
Customer-id	INTEGER	10	Foreign Key
Due - amount	INTEGER	100	NO
Invoice - no	INTEGER	100	NO
qty	INTEGER	10	NO
Size	Text	--	NO
Order- date	Date	--	NO
Order- status	Text	--	NO

Table 3. Products Table

Field Name	Data-Type	Character- length	Primary-key
Product-id	INTEGER	10	YES
P_Cat_id	INTEGER	10	Foreign-key
Cat_id	INTEGER	10	Foreign- key
Manufacturer_id	INTEGER	10	Foreign-key
Date	Timestamp	--	NO
Product_title	Text	--	NO
Product(img1,img2,img3)	Text	--	NO
Product_Price	INTEGER	10	NO
Product_Keywords	Text	--	NO
Product_desc	Text	--	NO
Product_label	Text	--	NO
Product_sale	INTEGER	100	NO

1)`**admins**`(`admin_id`, `admin_name`, `admin_email`, `admin_pass`, `admin_image`, `admin_country`, `admin_about`, `admin_contact`, `admin_job`)
2)`**customers**`(`customer_id`, `customer_name`, `customer_email`, `customer_pass`, `customer_country`, `customer_city`, `customer_contact`, `customer_address`, `customer_image`, `customer_ip`)
3)`**customer_orders**`(`order_id`, `customer_id`, `due_amount`, `invoice_no`, `qty`, `size`, `order_date`, `order_status`)
4)`**manufacturers**` (`manufacturer_id`, `manufacturer_title`, `manufacturer_top`, `manufacturer_image`)
5)payments` (`payment_id`, `invoice_no`, `amount`, `payment_mode`, `ref_no`, `code`, `payment_date`)
6)`**pending_orders**` (`order_id`, `customer_id`, `invoice_no`, `product_id`, `qty`, `size`, `order_status`)
7)`**products**` (`product_id`, `p_cat_id`, `cat_id`, `manufacturer_id`, `date`, `product_title`, `product_img1`, `product_img2`, `product_img3`, `product_price`, `product_keywords`, `product_desc`, `product_label`, `product_sale`)
8)`**product_categories**` (`p_cat_id`, `p_cat_title`, `p_cat_top`, `p_cat_image`)
9)`**cart**` (`p_id`, `ip_add`, `qty`, `p_price`, `size`)
10)`**categories**` (`cat_id`, `cat_title`, `cat_top`, `cat_image`)
11)`**boxes_section**` (`box_id`, `box_title`, `box_desc`)
12)`**slider**` (`slide_id`, `slide_name`, `slide_image`, `slide_url`)
13) `**terms**` (`term_id`, `term_title`, `term_link`, `term_desc`)

The other tables are describes with attributes above in the database.

3.4.3 Classes and Their Interactions

In “Rimita E-store ” Website, there are several classes which control all the operations at the customer and admin side. Some class names and their brief descriptions are given below:-

- .container – provides a responsive fixed width container.
- .navbar-default --- class in bootstrap is used to create a navigation bar.
- hidden-xs ---- class is hidden on an extra small screen.
- Navbar-toggle ---- The collapsing nature is tripped by a button that has by this class.
- .sr-only ----class hides an element to all devices except screen readers and skip to main content.
- Fa-shopping-cart ---- This create the shopping cart type of icon.
- Carousel-indicators ---- These indicators are the little dots at the bottom of each slide.
- Row --- In bootstrap, the “row” class is used mainly to hold columns in it. Bootstrap divides each row into a grid of 12 virtual columns.

- Input-group ---- This class is a container to enhance an input by adding an icon, text or a button in front or behind the input field as a “help text”.

3.4.4 System Foreground Structure

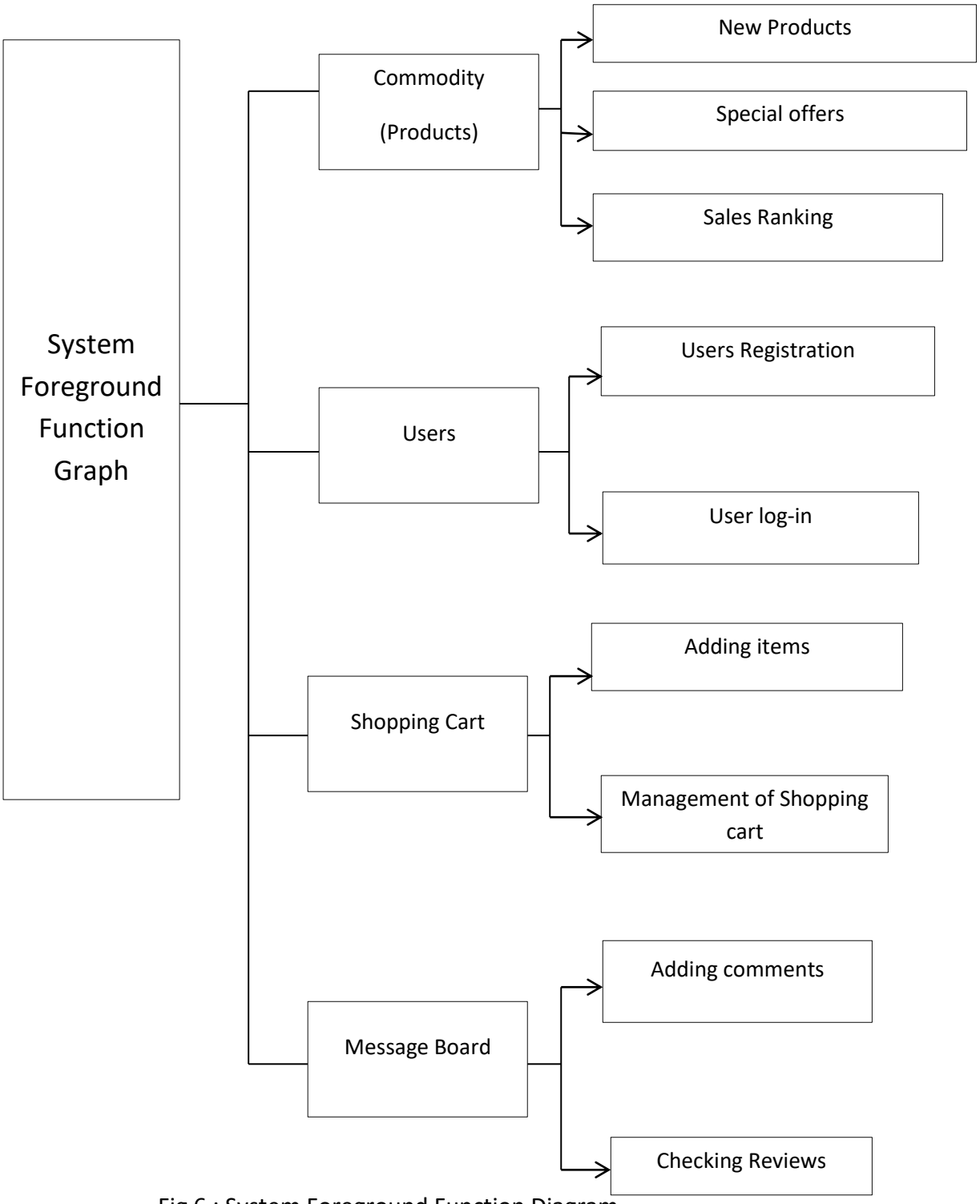


Fig 6 : System Foreground Function Diagram

Foreground (for customers)

In fig 6, module of commodity has three parts. The New product shows all new items in this website. Products in special offers are always more cost-effective and long-lasting. The sales ranking shows all commodities, which are convenient and preferable to customers. Two main aspects in User module are User Registration and User Login.

In Shopping Cart module, adding items and manage that items means user can choose the items and number of items and empty the cart if the items are not taken or finish the shopping process. In Message board module, adding comments and checking review from customers to improve communicationwith the website.

3.4.5 System Background Structure

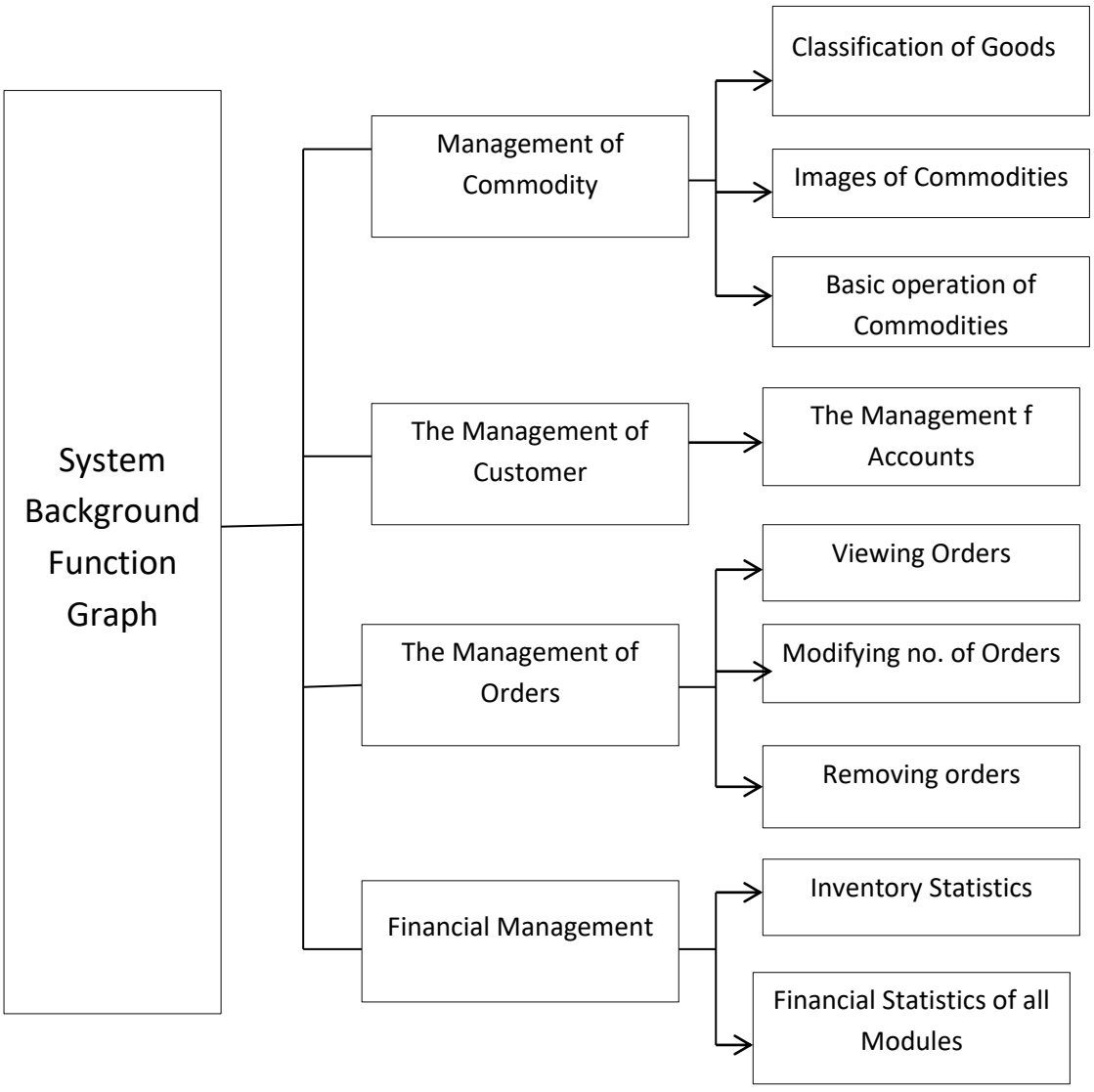


Fig 7 : System Background Function Diagram

Background (for Admin)

In fig 7, Admin can change four main parts. These are, Management of commodity, Management of Customers, Management of orders and Financial Management. The respective functionalities are drawn here. Here the main functionality is divided into two parts: one is payment already proceed and other is unpaid.

3.4.6 Database System Design

In fig 8 , co-relation between tables are shown clearly.

Tables with attributes are shown based on E-R Diagram. Here, each table is drawn with respect to its functionality.

In Customer table cust_id is primary key that is foreign key customer _order table where order_id is primary key. Customer_id is also foreign key of Payment table Where primary key is Pament_id.

Primary key of Pending_order table is order_id, which is foreign key of Customer table. Customer_order (order_id) acts as foreign key of pending_order table. This table is also foreign key of product table where primary key is Product_id.

Primary key of Cart table is order_id that is foreign key of Pending_order table where order_id is primary key.

Product table is also foreign table via manufacturer_id attribute to the Manufacturer table where Manufacturer_id is the primary key.

Product table is also foreign table via cat_id attribute to the Categories table where Cat_id is the primary key.

Product table is also foreign table via p_cat_id attribute to the Product_cat table where p_cat_id is the primary key.

Manufacturer table also creates relation to admin table.

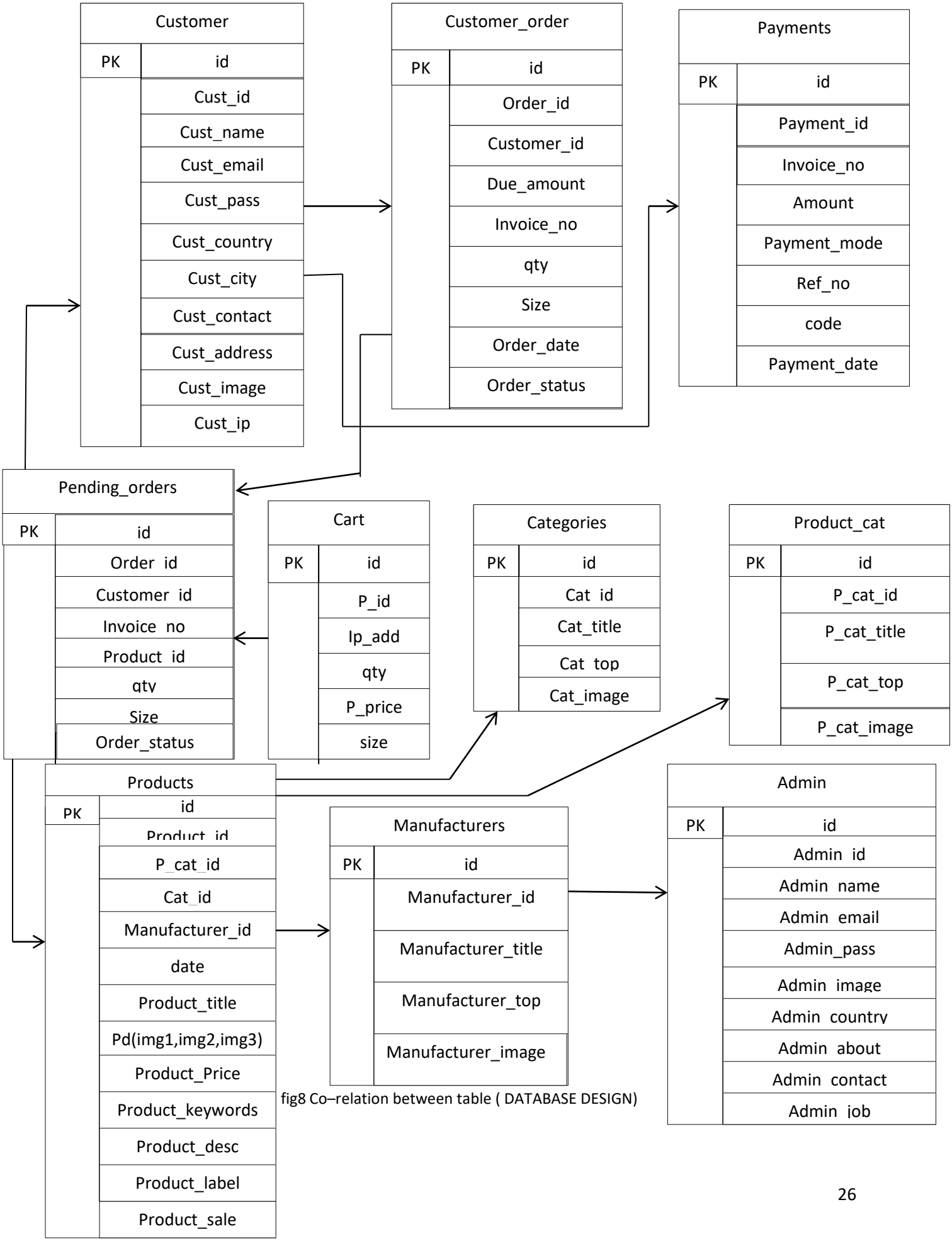


fig8 Co–relation between table (DATABASE DESIGN)

4. Implementation and Test Result

In its simplest form, PHP is a server-side scripting language that is embedded in HTML. PHP allows web developers to create dynamic content and to interact with databases. PHP is known for its simplicity, speed, and flexibility — features which have made it a cornerstone in the web development world. In the backend, PHP works to implement “Rimita E-store” Website.

4.1 System Performance Evaluation

In the system performance evaluation of this Online Shopping System, efficiency has been considered from various aspects like response time optimization, optimization of page loading speed and connection time. Fig 9 shows specific information related to the evaluation process.

SYSTEM PERFORMANCE EVALUATION

<table>
<tr><th>Specific Configuration</th><th colspan="2">Description</th></tr>
<tr><td rowspan="2">Hardware Environment</td><td>Hardware Configuration</td><td>Intel Core i5, 16 GB</td></tr>
<tr><td>Operating System</td><td>Windows 10</td></tr>
<tr><td rowspan="4">Test Equipment</td><td>Load Testing tool</td><td>Google Extension</td></tr>
<tr><td rowspan="3">Parameter Options</td><td>Analysis Summery</td></tr>
<tr><td>Statistic Summery</td></tr>
<tr><td>Transaction Response Time</td></tr>
</table>

Fig 9 : Performance Test Parameter & Hardware Environment

4.2 Software Equipment

4.2.1 XAMPP

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Here XAMPP version is v3.3.0. Fig 10 shows XAMPP Control panel where the administrator has to start the Apache server and MySql.

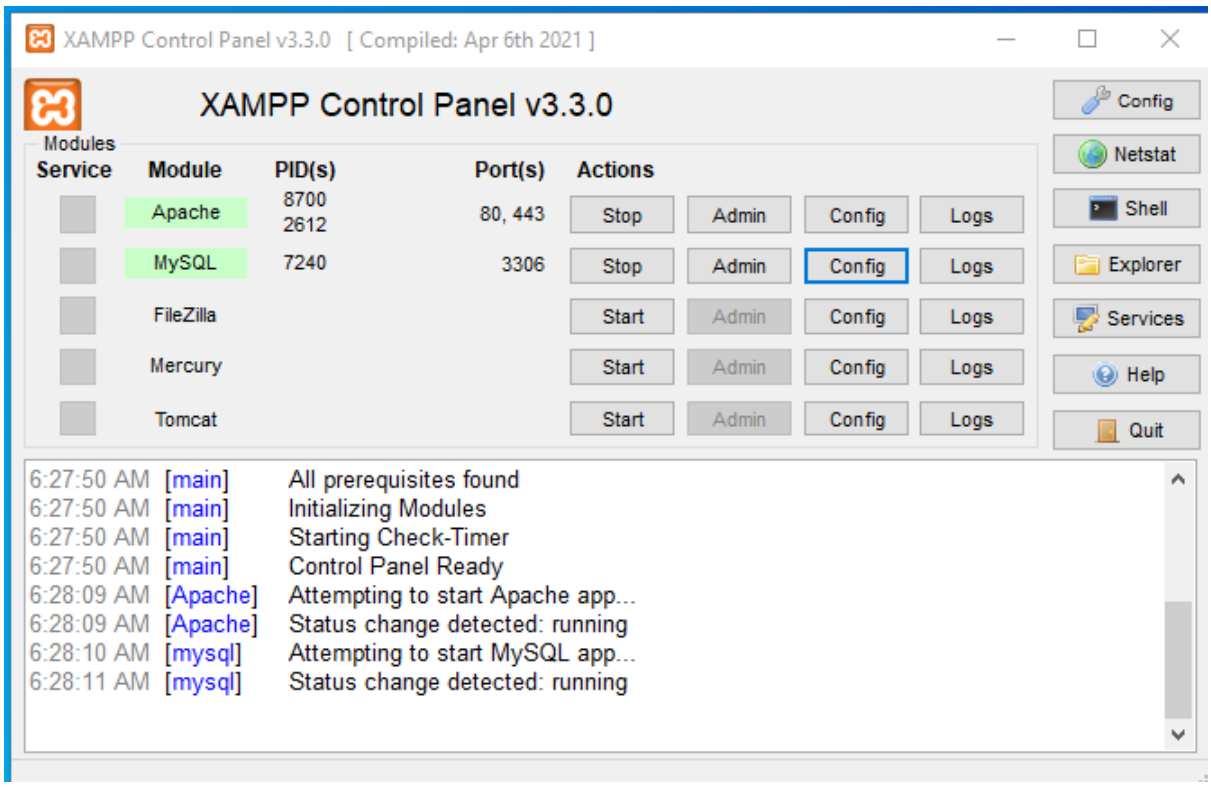


Fig 10: Starting of XAMPP

PHP connects to XAMPP by Open your browser and go to localhost/PHPMyAdmin or click “Admin” in XAMPP UI. Now click Edit privileges and go to Change Admin password, type your password there and save it. Remember this password as it will be used to connect to your Database.

The htdocs folder should already contain data to help configuration of the web server. It is a folder with “permits public access”.

4.2.2 Design and Testing pages

Design of customer section (front end part)

Step 1: Firstly, The starting page of the website is shown in fig 11. When "Rimita E-store" website starts fig 11 is shown.

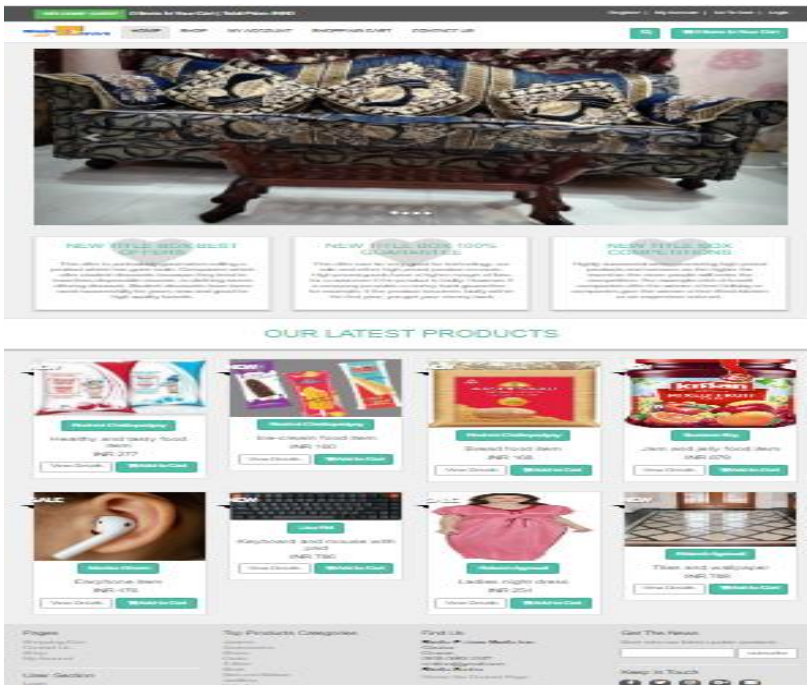


Fig 11 : Home page

Step 2: After that "shop" pages are displayed to show all items and in the sidebar all manufacturers, product categories, categories of items if we click the beside check box all items are shown accordingly. In the sidebar, if customer selects one option like "sari and salwar" product category then all woman products are shown in "shop" page. That is also shown in fig 12 and fig 13 .

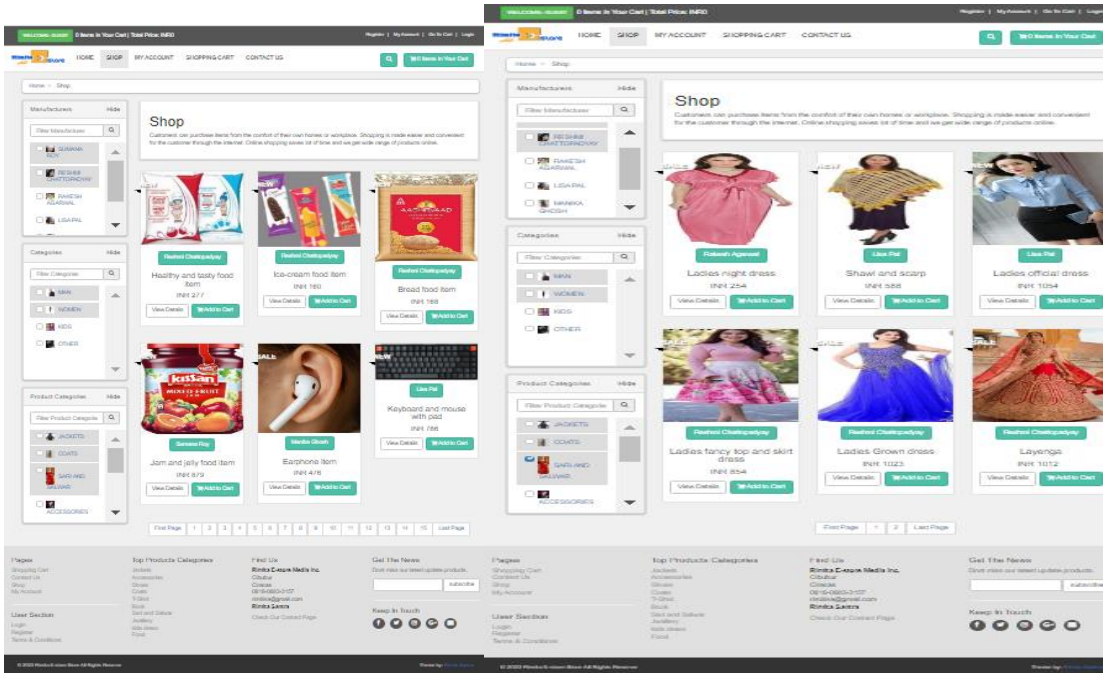


Fig 12 : Shop page Fig 13 : Shop page with specific Product Category

Step 3: If customers add items that directly go to “shopping cart “ page. There customer can choose the size and quantity of that specific item shown in fig 14. In our demonstration, when a customer is viewing the details of a product or going to add it to cart, "Products You May Like" feature will suggest products for the same product category. So, if you are going to add a Shoe to your cart, you will be suggested with other shoe items. Again, once you go to your CART, there can be more than one type of products in the cart. For example, if you have a shoe, an accessory and a jacket in your cart, you will be suggested with any products from shoes, accessories and jackets in the below "Products You May Like" section. That is shown in fig 14 .

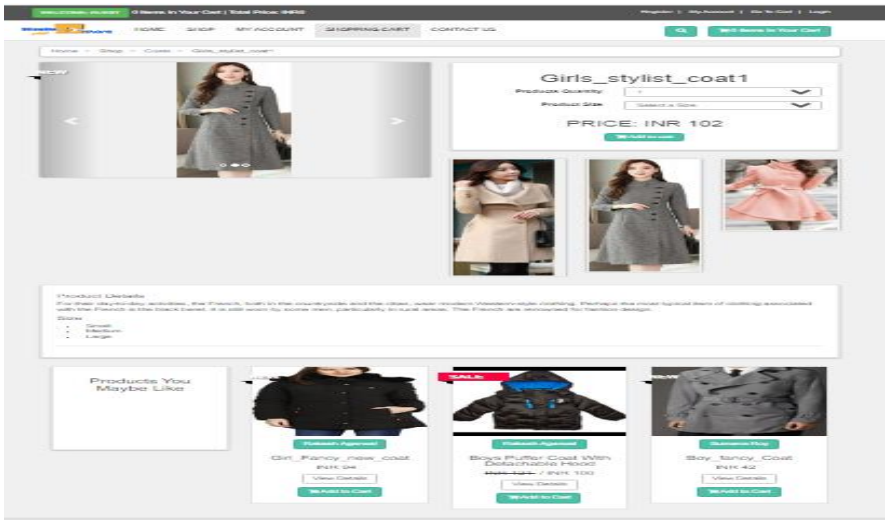


Fig 14 : Shopping Cart page (item choosement)

Step 4 :Number of items which are stored in the shopping cart are shown in the shopping cart page. The items can be removed because customer does not want that item also can be deleted. If more item can be buy by the customer more than one that price also increases. If no item is there 0 number is to be shown in the shopping cart. These are shown in the fig 15 figure.

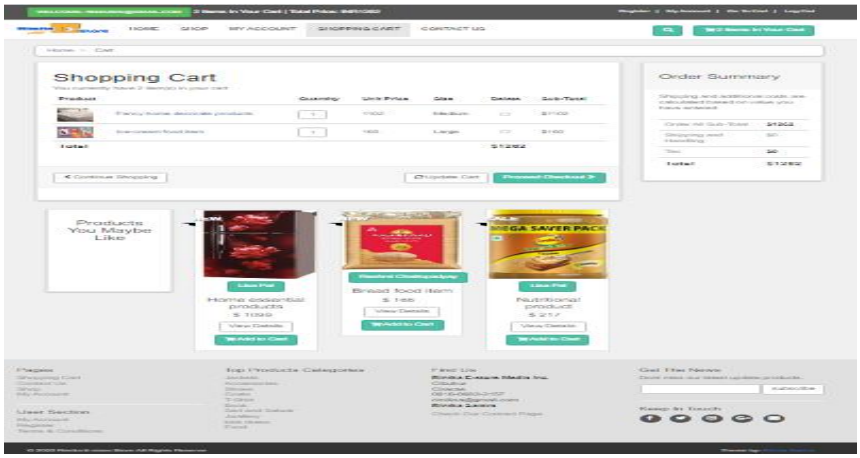


Fig 15 Shopping cart functionality diagram

Step 5: If proceed the shopping button is clicked then two scenario will happen. If the customer is new then go to register page and secondly, if the customer is already registered then go to login page. These two pages are shown in fig 16 and 17.

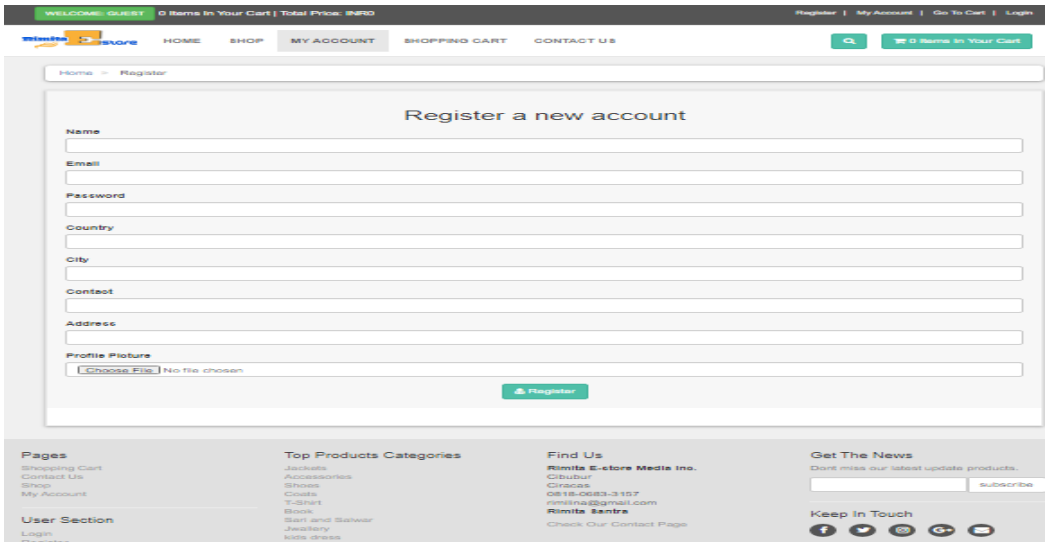


Fig 16 Registration page for new customer

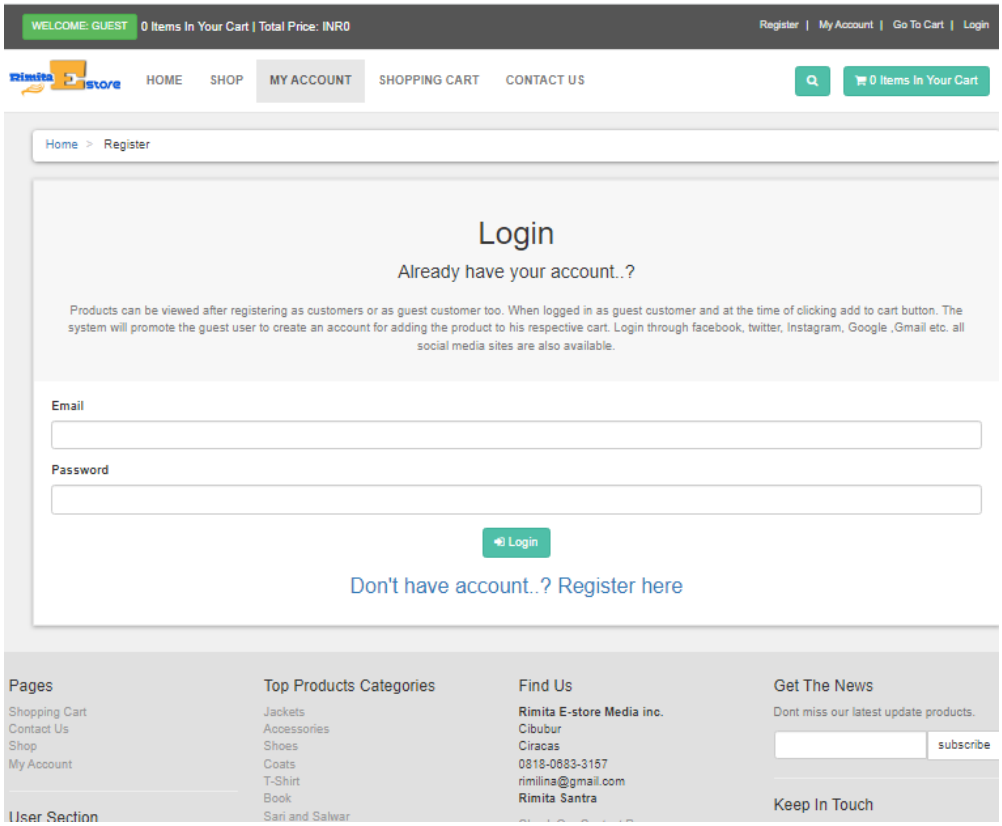


Fig 17 : login page.

Step 6 : After login or registered customer can easily enter into their account page. That is also in fig18.

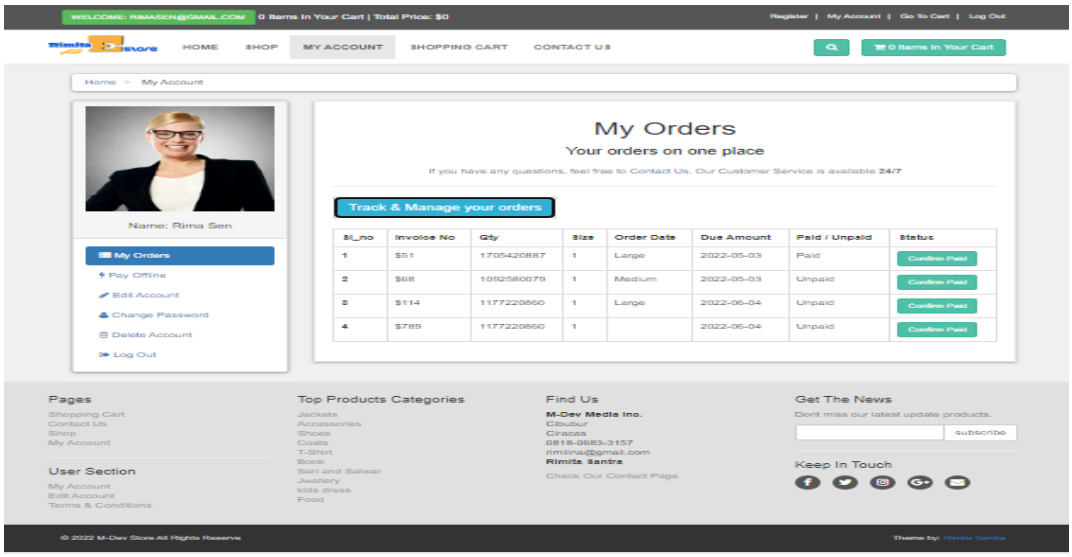


Fig 18 : Customer account page

Here, they can easily show the ordered items by clicking Track and manage our orders button.

Step 7: If Customer want they can edit their profile picture and other information shown in fig 19 figure.

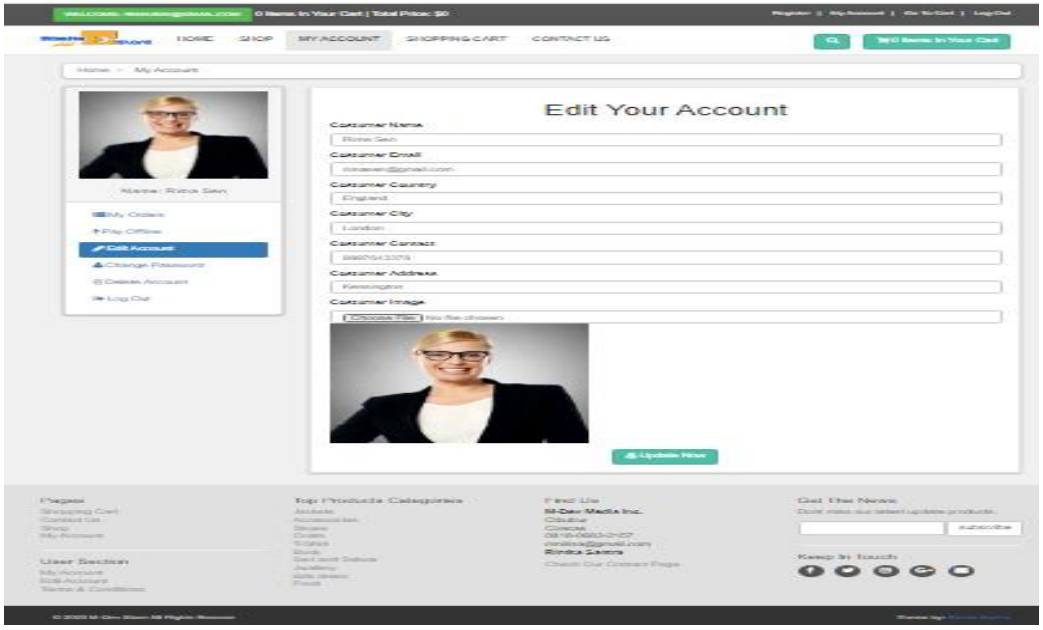


Fig 19 : Customer Edit Account page

Step 8 : If the customer wants to pay offline that offline page is to be shown first after the customer login to the system. They have to fill up a form by clicking confirm paid option and all bank details will be shown in their account. If customer feels any difficulty they can contact to the website. That is shown fig 20, fig 21, fig 22, fig 23 respectively.

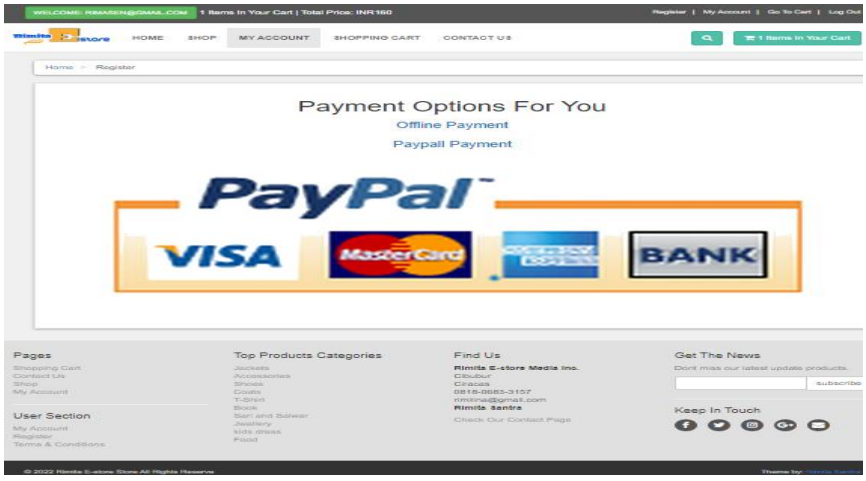


Fig 20 : Customer payment page

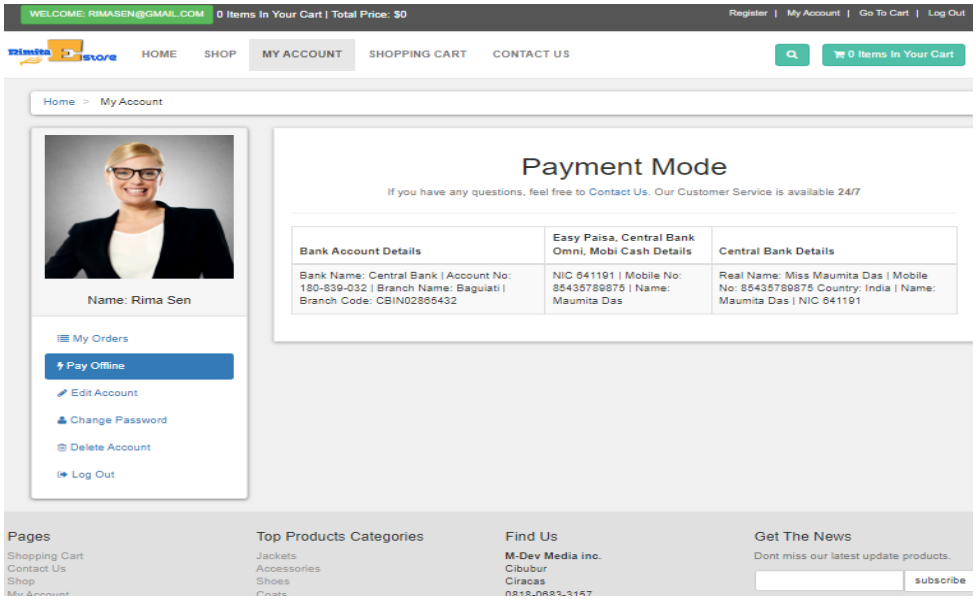
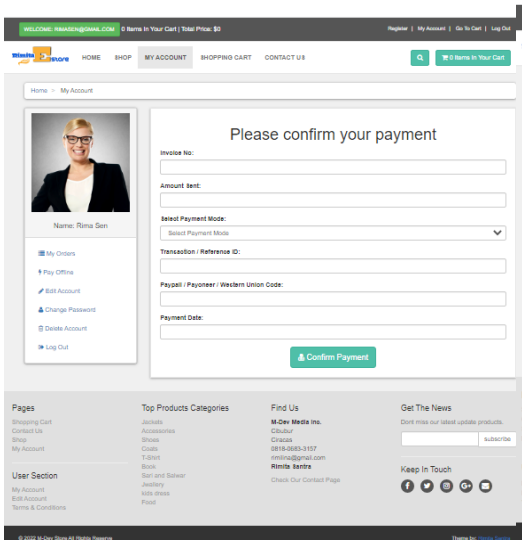


Fig 21 : Payment mode page via Bank



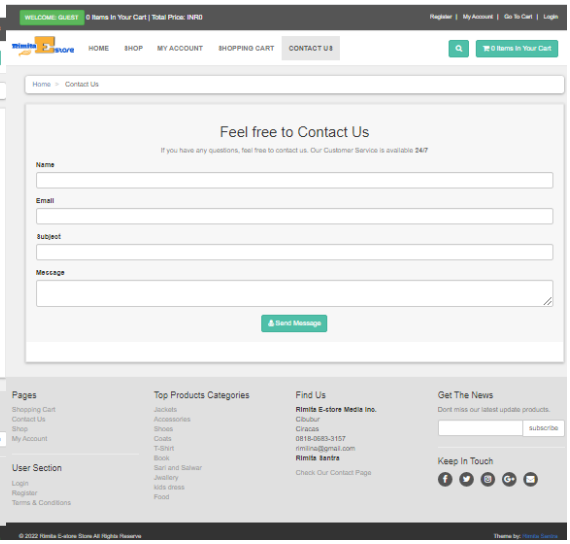


Fig 22 : Confirm payment form page fig 23: Contact page of website

Step 9: If you want to logout anytime always a pop up option is shown. That is shown in fig 24 .

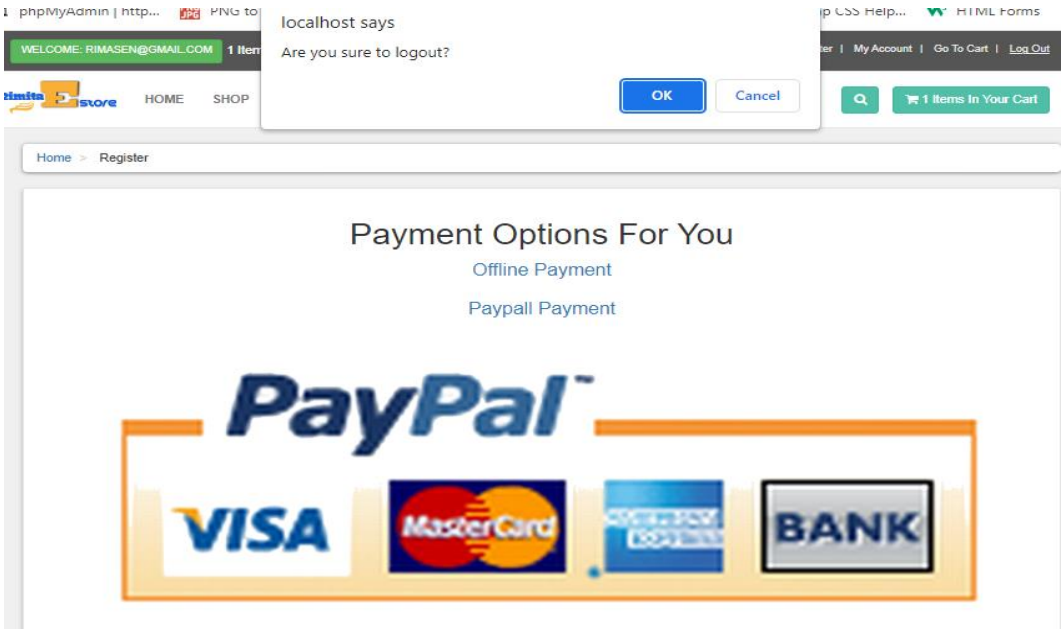


Fig 24 : Log out pop up page

Step 10: If one customer wants to change password that also can be done as shown in fig 25 .

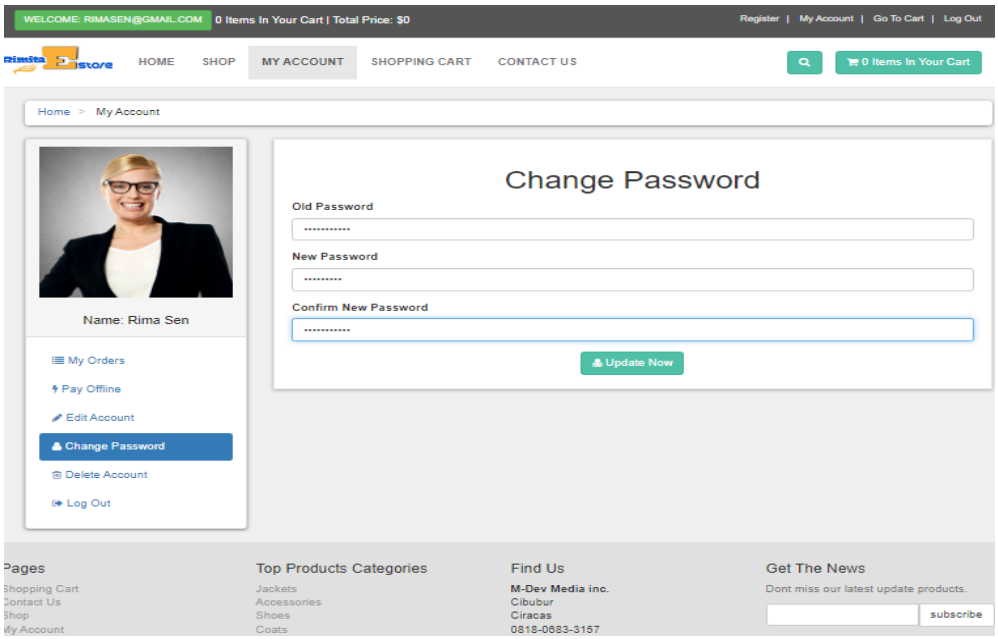


Fig 25 **:** Change password page of customer

4.2.3 Database configuration

Some database configurations are shown in fig 26 .

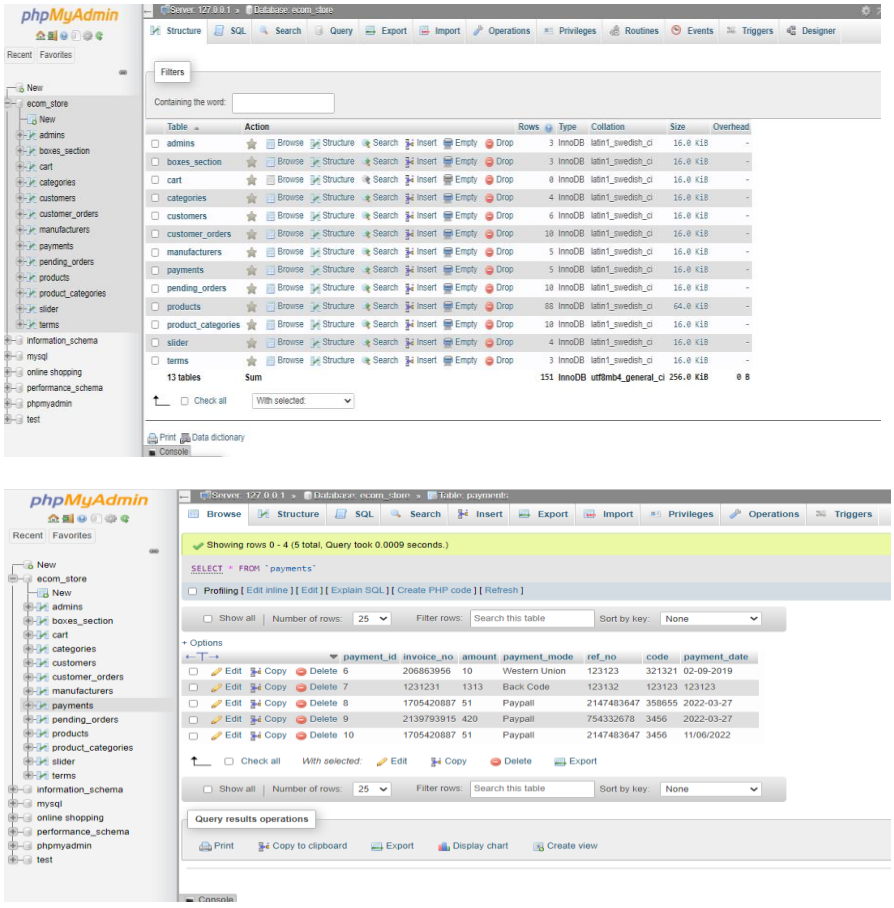


Fig 26 : Database configuration page

4.2.4 Admin Section configuration (Backend portion)

Here, first show the login id and password section. After that in the dashboard section all orders, CEO profile details and number of products, categories etc. are shown in fig 27, fig 28 .

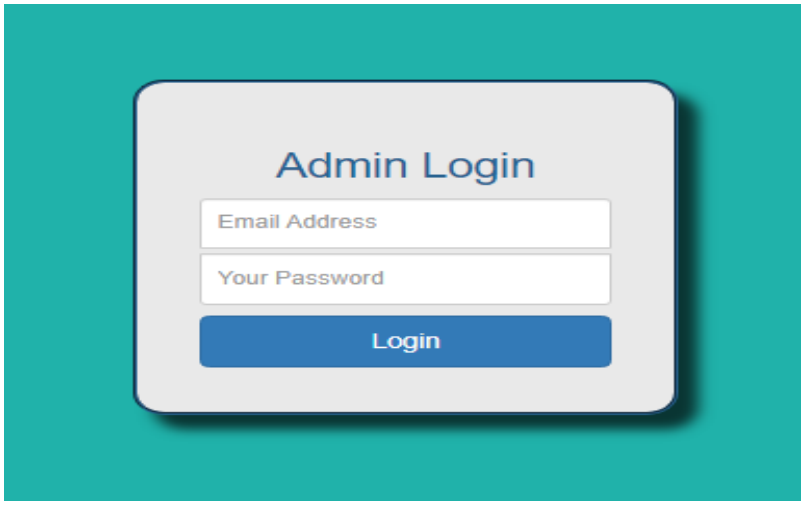


Fig 27 : Admin login page

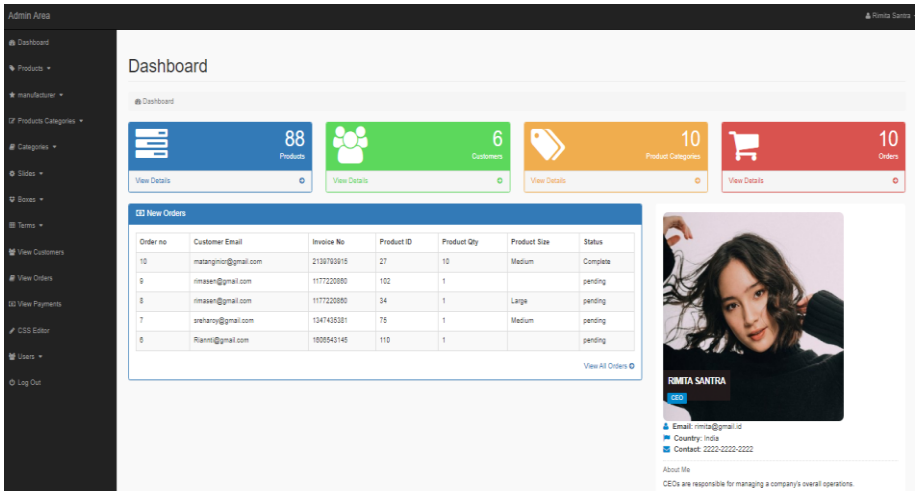


Fig 28 : Admin Dashboard Page

In the Sidebar of admin section, all documentation like manufacturers details, slide show figures, User (CEO, business assistant, partner) , products, boxes section terms and condition section, product categories and categories etc. are shown in the admin section . These are shown in fig 29.

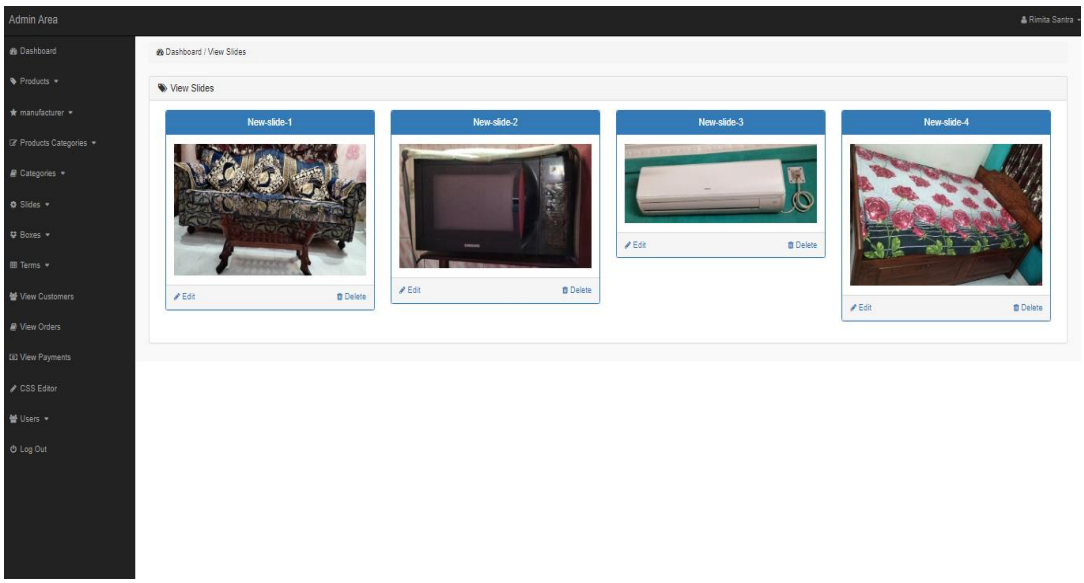


Fig 29 : Admin View Sidebar page

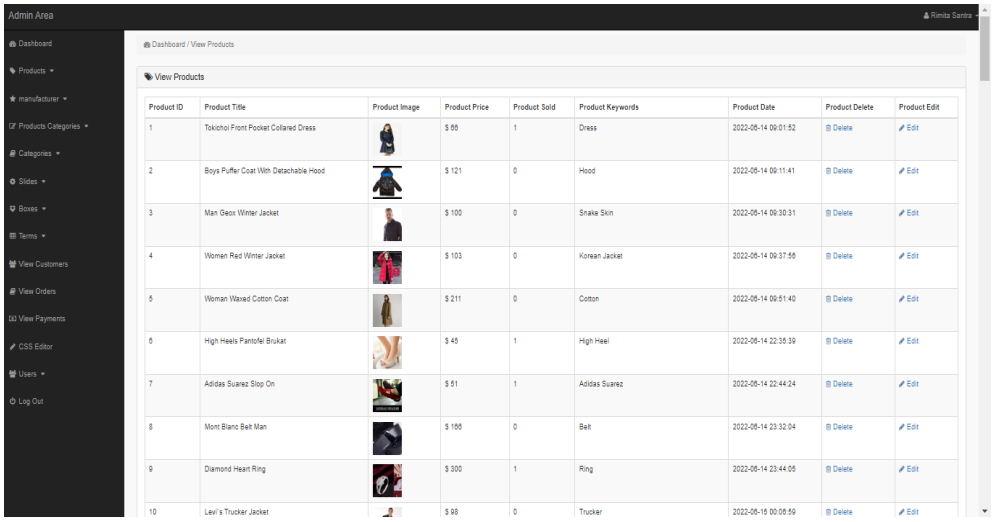


Fig 30 : Admin View product page

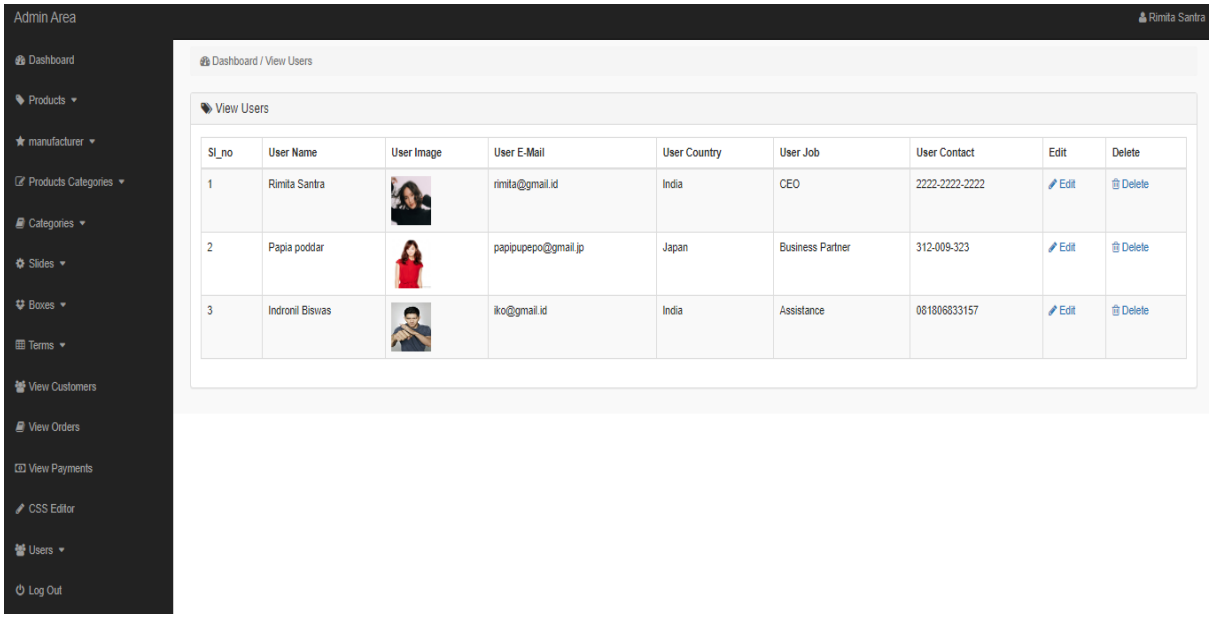


Fig 31 : Admin View User page

4.3 Test Result

There are many modules involved in the system that need to be tested, and some of them are selected here.

- **Customer registration test**, In this module, User ID, User Name, Email, Password and other necessary information are considered as inputs. The Table 4 shows the view of results.

Table 4 : **TEST RESULT OF CUSTOMER REGISTRATION**

Customer id	Customer Name	Email	Password	Profile Picture	Country	City	Contact	Address	Result(Pass/Fail)
5	Raya Ghosh	Riannti@gmail.com	rianti123	Member1.jpg	India	Kerala	8891822	Belghoria	pass
Null	Josh Roychoudhuri	jamesbono@gmail.com	james1123	Null	England	London	555-2255-222	Hyde Park	Fail
9	Sreha Roy	Null	Null	Indonesian-Pretty.jpg	India	Delhi	98123496	Green Park	Fail
8	Matangini Sengu ptta	matangini cr@gmail.com	Sample 123$	Cl.jpg	India	Kolkata	9830883459	Jadavpur University	Pass
4	Rima-sen	rimasen@gmail.com	rimasen1234	Member4.jpg	England	London	986543235	Sanfrancisco	Fail
3	Lina Saha	Null	linasaha1234	Arint-Rianti.jpg	Canada	Toronto	9856423776	John Jones	Fail

- **Shopping Cart Test**: The purpose of this test is to check if the functionalities of the shopping cart are implemented correctly. If some products are present in the shopping cart then that number is to be shown in the shopping cart. If no item is there then 0 number shown in the shopping cart. Table 5 shows detailed testing process.

Tabl5 : RESULT OF SHOPPING CART TEST

Shopping Cart Test		
Input	Actual Output	Test Result(Pass/Fail)
Operation of adding shopping cart	Product name, price, and quantity appears in shopping cart	pass
Changing number of items to 3	The number of items have update and sub-total of that item will be also updated	Pass
Change the quantity number to negative such as -1	The system shown the amount means unit price will be that actual price of that item but sub-total will be change according to that quantity	Pass
Clicking detail button to display the product details	A full description of goods is shown	pass
Clicking delete then click on update cart button to clear shopping cart	The relative record is deleted in shopping cart	pass

- . **Page Loading Time Graph**

Page Loading Time Graph displays simply loads actual number of pages from database. This method improves retrieval speed and the time of website page loading. It shows the time differences after System page loading time optimization. By Google Extension I see loading time of each webpage. In the same way 4-5 pages loading time values are taken and in MS Excel I put the values and plot the graph in fig 40 .

Fig 40 : Page no. vs Page loading Time graph

5. Comparative Analysis

Below are some of the comparison with respect to various aspects, such as:

- Technology: There are several reasons why PHP is at the forefront of website development, rather than JSP or other languages.

✔ Efficient Performance

JSP execution requires more time since it is translated into Servlet, compiled and executed, whereas PHP execution requires less time than JSP. Depending on how the web developer codes, PHP has the potential to turn in an efficient language. It is scalable when used for writing codes and can also be used for creating a large number of applications. It is the programming language of choice when a website has several web pages.

✔ Complexity

JSP requires more and complex code, but PHP is simple and requires fewer lines of code.

✓ Easy and Simple to Learn

PHP is considered one of the easiest scripting languages. Compared to other web languages, PHP doesn't require a manual or intensive studying. PHP syntax is logical and well-organized. Even command functions are easy to understand, as they tell the developer what function they perform. As a result, web developers find it very easy to create and optimize the application.

✓ Extremely Flexible

PHP is highly flexible whether it is during an ongoing project or after completing the project. Flexibility in a scripting language is very crucial, as functionality can change anytime during the course of a project. The best part about PHP is the ability to make changes even after starting the project and this saves valuable time.

A developer does not have to write fresh codes or command functions, as changes to the existing codes and functions can be done and used.

✓ Easy Integration and Compatibility

PHP is compatible with a large majority of operating systems. It can easily run on different platforms, including UNIX, Solaris, and Linux. As it can be integrated without effort with other technologies, such as Java, existing software does not require re-development. This saves time and money.

✓ Cost-Efficient

PHP is an open-source web language, hence is completely free. There is no cost involved in purchasing expensive licenses or software. It can work efficiently with different databases, such as MySQL, Apache, and PostgreSQL. The cost of developing a website using PHP is minimal.

✔ Gives Web Developer More Control

Compared to other programming languages, PHP allows the website developer to have more control. Other programming languages are bogged down by long, complicated scripts, but this isn't true for PHP. A few simple lines of code are sufficient. Furthermore, PHP allows tags, and hence, website developers can add and/or mix HTML tags, making the content extremely dynamic.

Developers don't have to worry about placing codes in the right place when using PHP, as it is written between tags. Hence, functions and codes do not have to be written in any specific order, as long as they are within the tags.

✓ Wrapping Up

PHP has a very helpful, active, and widespread PHP community. Also, this scripting language offers a lot of resources, such as commands, functions, and codes, which can easily be rewritten and used without incurring any cost. The ease of use, easy integration, cost efficiency, and easy access makes PHP one of the most popular server-side programming languages.

- Functionality: Some of the additional features implemented in the functionalities are as below:

✔ Upgraded Payment System –

This website is built with an improved version of payment system on looking into people's convenience as well as difficulties, where we have explored another Offline mode of payment. In our demonstration, a separate section for Bank details of the store has been kept. In case of difficulties in the payment gateway supported by the website during payment, customer can pay through other gateways that are installed in their mobile phones and update the details in the website to mark it as 'Paid'. Also, there are customers who are not comfortable to avail online transaction, they will be able to go to bank and clear the bill followed by updating the details in the website to mark it as 'Paid' status.

✔ Enhanced User Experience (Responsive UI) –

Bootstrap framework is used to build and maintain the highly customizable web design comparatively provided much more benefits for agile design needs.

✔ Interactive Admin Panel –

A custom CSS editor has been provided for the admin along with a interactive Dashboard with a huge scope of improvement, along with all other customised accesses.

✔ Structured Codebase –

The entire codebase has been designed in a very structured way keeping in mind the future scopes of enhancement in each parts. This helped in making the scopes broader for future enhancements.

6. Conclusion and Future Scope

This E-commerce website has been built up with an aim to create an enriched end to end experience for the customers in terms of virtual shopping as well as payment. A user friendly interface has been developed so that customer can easily navigate through pages, search proper products, get the varied product item and finalize the same through proper payment interfaces. Value addition to this website has been done by including online, offline and banking mode payment options keeping in mind the convenience of all types of customer. The system mainly realizes the management of the front end shopping module and the function of the backstage management module and the function of the backstage management module via PHP, JSP technology. The front and back functions of the system are powerful, which makes online shopping more efficient and meet many business requirements, such as commodity management, online browsing and online purchasing.

Some of the future scopes for enhancement are:

✔ Revised versions of Admin Panel Dashboard with more operation, strategic and analytical features can be released. Business pie-charts, Analytical graphs and Reporting tools can be included.

✔ There is a scope for updated version of the payment system (both online/offline). An auto-tracking system can be included which will help in updating the payment status of customer automatically after payment through offline, so that there won't be any dependency on user to update and confirm payment.

✔ An internal Search Engine can be implemented and improvised to enable a streamlined and efficient search process. This will lead to satisfying experience for the users and increase the reachability and visibility of all the products.

✔ There is always a scope for improvement of the User Interface & User Experience.

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Appendix part A

❖ Users' Manual

➢ System Requirements

Personal computer or laptop having the following features.

- Intel core i5
- 16GB RAM
- Internet connection
- Windows Operating system (Windows 10)
- 15.6" HD display, Built in DVD Drive, Wireless and Bluetooth connection and HDMI.
- For accelerated emulator: 64 bit operating system and Intel processor.

➢ Software Requirements

- Web-server : XAMPP control panel v3.3.0,
- Server Software Module : Apache, MySQL, port(s) :80,443 and 3306 respectively.
- Macromedia Dreamweaver version 8.0
- Browser : Opera, Windows internet explorer and Google Chrome.
- Microsoft Excel and
- Microsoft word 2010.

➢ Programming Requirements

- PHP Version 8.0.12
- Javascript
- HTML and CSS
- Bootstrap version 3

➢ Download Speeds

- Internet speed is measured in Mbps.

- 3 – 5Mbps is recommended for the ecommerce site.

- **Loading Testing Tool :** Google Exxtension.
- **Parameter Options**
  - Analysis Summery
  - Statistic Summery
  - Transaction Response Time

Appendix part B

❖ Code Snippets

✓ index.php (Home page)

```
<?php
$active='Home';
  include("includes/header.php");
?>
 <div class="container" id="slider"><!-- container Begin -->
   <div class="col-md-12"><!-- col-md-12 Begin -->
       <div class="carousel slide" id="myCarousel" data-ride="carousel"><!-- carousel slide Begin -->
           <ol class="carousel-indicators"><!-- carousel-indicators Begin -->
             <li class="active" data-target="#myCarousel" data-slide-to="0"></li>
             <li data-target="#myCarousel" data-slide-to="1"></li>
             <li data-target="#myCarousel" data-slide-to="2"></li>
             <li data-target="#myCarousel" data-slide-to="3"></li>
             </ol><!-- carousel-indicators Finish -->
          <div class="carousel-inner"><!-- carousel-inner Begin -->
             <?php
             $get_slides = "select * from slider LIMIT 0,1";
            $run_slides = mysqli_query($con,$get_slides);
            while($row_slides=mysqli_fetch_array($run_slides)){
              $slide_name = $row_slides['slide_name'];
                $slide_image = $row_slides['slide_image'];
                $slide_url = $row_slides['slide_url'];
            echo "
```

```
            <div class='item active'>
            <a href='$slide_url'>
          <img src='admin_area/slides_images/$slide_image'>
</a>
      </div>
         ";
       }
     $get_slides = "select * from slider LIMIT 1,3";
    $run_slides = mysqli_query($con,$get_slides);
    while($row_slides=mysqli_fetch_array($run_slides)){
                $slide_name = $row_slides['slide_name'];
                 $slide_image = $row_slides['slide_image'];
                 $slide_url = $row_slides['slide_url'];
               echo "
            <div class='item'>
                 <a href='$slide_url'>
<img src='admin_area/slides_images/$slide_image'>    </a>
              </div>
           ";
          }
        ?>
      </div><!-- carousel-inner Finish -->
        <a href="#myCarousel" class="left carousel-control" data-slide="prev"><!-- left carousel-control Begin -->
         <span class="glyphicon glyphicon-chevron-left"></span>
              <span class="sr-only">Previous</span>
```

```
        </a><!-- left carousel-control Finish -->
      <a href="#myCarousel" class="right carousel-control" data-slide="next"><!-- left carousel-control Begin -->
            <span class="glyphicon glyphicon-chevron-right"></span>
              <span class="sr-only">Next</span>
            </a><!-- left carousel-control Finish -->
            </div><!-- carousel slide Finish -->
          </div><!-- col-md-12 Finish -->
    </div><!-- container Finish -->
 <div id="advantages"><!-- #advantages Begin -->
   <div class="container"><!-- container Begin -->
    <div class="same-height-row"><!-- same-height-row Begin -->
 <?php
       $get_boxes = "select * from boxes_section";
        $run_boxes = mysqli_query($con,$get_boxes);
while($run_boxes_section=mysqli_fetch_array($run_boxes)){
 $box_id = $run_boxes_section['box_id'];
          $box_title = $run_boxes_section['box_title'];
          $box_desc = $run_boxes_section['box_desc'];
         ?>
 <div class="col-sm-4"><!-- col-sm-4 Begin -->
     <div class="box same-height"><!-- box same-height Begin -->
           <div class="icon"><!-- icon Begin -->
              <i class="fa fa-heart"></i>
                 </div><!-- icon Finish -->
            <h3><a href="#"><?php echo $box_title; ?></a></h3>
```

```
                <p> <?php echo $box_desc; ?> </p>
              </div><!-- box same-height Finish -->
            </div><!-- col-sm-4 Finish -->
<?php    } ?>
          </div><!-- same-height-row Finish -->
        </div><!-- container Finish -->
    </div><!-- #advantages Finish -->
 <div id="hot"><!-- #hot Begin -->
    <div class="box"><!-- box Begin -->
       <div class="container"><!-- container Begin -->
           <div class="col-md-12"><!-- col-md-12 Begin -->
              <h2>
                  Our Latest Products
              </h2>
            </div><!-- col-md-12 Finish -->
         </div><!-- container Finish -->
</div><!-- box Finish -->
     </div><!-- #hot Finish -->
 <div id="content" class="container"><!-- container Begin -->
   <div class="row"><!-- row Begin -->
     <?php
       getPro();
      ?>
     </div><!-- row Finish -->
   </div><!-- container Finish -->
  <?php
```

```
 include("includes/footer.php");
  ?>
<script src="js/jquery-331.min.js"></script>
<script src="js/bootstrap-337.min.js"></script>
  </body>
</html>
```

- ✓ **Shop.php**

```
?php
$active='Shop';
  include("includes/header.php");
?>
 <div id="content"><!-- #content Begin -->
     <div class="container"><!-- container Begin -->
        <div class="col-md-12"><!-- col-md-12 Begin -->
           <ul class="breadcrumb"><!-- breadcrumb Begin -->
              <li>
                 <a href="index.php">Home</a>
              </li>
              <li>
                 Shop
              </li>
           </ul><!-- breadcrumb Finish -->
         </div><!-- col-md-12 Finish -->
      <div class="col-md-3"><!-- col-md-3 Begin -->
<?php
  include("includes/sidebar.php");
```

```
 ?>

  </div><!-- col-md-3 Finish -->

   <div class="col-md-9"><!-- col-md-9 Begin -->

<div class='box'><!-- box Begin -->

            <h1>Shop</h1>

            <p>

              Customers can purchase items from the comfort of their own homes or workplace. Shopping is made easier and convenient for the customer through the internet. Online shopping saves lot of time and we get wide range of products online.

            </p>

          </div><!-- box Finish -->

        <div id="products" class="row"><!-- row Begin -->


          <?php getProducts(); ?>

          </div><!-- row Finish -->

           <center>

             <ul class="pagination"><!-- pagination Begin --->

 <?php getPaginator(); ?>

</ul><!-- pagination Finish -->

           </center>

         </div><!-- col-md-9 Finish -->

<div id="wait" style="position:absolute;top:40%;left:45%;padding: 200px 100px 100px 100px;"></div>

    </div><!-- container Finish -->

  </div><!-- #content Finish -->

<?php

  include("includes/footer.php");
```

```
    ?>
 <script src="js/jquery-331.min.js"></script>
   <script src="js/bootstrap-337.min.js"></script>
   <script>
  $(document).ready(function(){
  // Hide & Show Sidebar Toggle //
$('.nav-toggle').click(function(){
       $('.panel-collapse,.collapse-data').slideToggle(700,function(){
 if($(this).css('display')=='none'){
$(".hide-show").html('Show');
 }else{
$(".hide-show").html('Hide');
 }     });        });
// Finish Hide & Show Sidebar Toggle //
 // Search Filters | by Letter //
  $(function(){
$.fn.extend({
 filterTable: function(){
return this.each(function(){
 $(this).on('keyup', function(){
var $this = $(this),
                        search = $this.val().toLowerCase(),
                        target = $this.attr('data-filters'),
                        handle = (target),
                        rows = handle.find('li a');
                         if(search == ''){
```

```
                    rows.show();
                }else{
                rows.each(function(){
                var $this = $(this);
 $this.text().toLowerCase().indexOf(search) === -1 ? $this.hide() : $this.show();

                    });     }     });

                });     }     });
$('[data-action="filter"][id="dev-table-filter"]').filterTable();

        });

        // Finish Search Filters | by Letter //
 });
</script>
 <script>
 $(document).ready(function(){
// getProducts Function Begin //
 function getProducts(){
// Code For Manufacturers Begin //

            var sPath = '';
            var aInputs = $('li').find('.get_manufacturer');
            var aKeys = Array();
            var aValues = Array();
```

```
                iKey = 0;
$.each(aInputs, function(key, oInput){
 if(oInput.checked){
aKeys[iKey] = oInput.value

                };

                iKey++;

            });

            if(aKeys.length>0){

                var sPath = '';

                for(var i = 0; i < aKeys.length; i++){

                    sPath = sPath + 'man[]=' + aKeys[i]+'&';

                }   }
 // Code For Manufacturers Finish//
 // Code For Product Categories Begin //

            var aInputs = Array();
            var aInputs = $('li').find('.get_p_cat');
            var aKeys = Array();
```

```
var aValues = Array();

iKey = 0;

$.each(aInputs, function(key, oInput){

   if(oInput.checked){

      aKeys[iKey] = oInput.value     };
iKey++;

});

if(aKeys.length>0){

   var sPath = '';

   for(var i = 0; i < aKeys.length; i++){

      sPath = sPath + 'p_cat[]=' + aKeys[i]+'&';

   }

}

// Code For Product Categories Finish //
```

```
// Code For Categories Begin //

var aInputs = Array();
var aInputs = $('li').find('.get_cat');
var aKeys = Array();
var aValues = Array();

iKey = 0;

$.each(aInputs, function(key, oInput){

   if(oInput.checked){

      aKeys[iKey] = oInput.value

   };

   iKey++;

});

if(aKeys.length>0){

   var sPath = '';
```

```
    for(var i = 0; i < aKeys.length; i++){

        sPath = sPath + 'cat[]=' + aKeys[i]+'&';

    }

}

// Code For Categories Finish //

// Loader When Loading Begin //

$('#wait').html('<img src="images/load.gif"');

// Loader When Loading Finish //

$.ajax({

    url:"load.php",

    method:"POST",

    data: sPath+'sAction=getProducts',

    success:function(data){

        $('#products').html('');
```

```
            $('#products').html(data);
            $('#wait').empty();     }     });
        $.ajax({
          url:"load.php",
              method:"POST",
          data: sPath+'sAction=getPaginator',
          success:function(data){
            $('.pagination').html('');
            $('.pagination').html(data);    }    });     }

        // getProducts Function Finish //

        $('.get_manufacturer').click(function(){
           getProducts();
        });

        $('.get_p_cat').click(function(){
           getProducts();
        });

        $('.get_cat').click(function(){
           getProducts();
        });              });
  </script>
 </body>
</html>
```

✓ Customer_ register.php

```
<?php
$active='Account';
   include("includes/header.php");


?>


  <div id="content"><!-- #content Begin -->
     <div class="container"><!-- container Begin -->
        <div class="col-md-12"><!-- col-md-12 Begin -->


           <ul class="breadcrumb"><!-- breadcrumb Begin -->
              <li>
                 <a href="index.php">Home</a>
              </li>
              <li>
                 Register
              </li>
           </ul><!-- breadcrumb Finish -->
           </div><!-- col-md-12 Finish -->
        <div class="col-md-12"><!-- col-md-12 Begin -->
           <div class="box"><!-- box Begin -->
           <div class="box-header"><!-- box-header Begin -->
            <center><!-- center Begin -->
      <h2> Register a new account </h2>
   </center><!-- center Finish -->
```

```
<form action="customer_register.php" method="post" enctype="multipart/form-data"><!-- form Begin -->
<div class="form-group"><!-- form-group Begin -->
<label>Name</label>
<input type="text" class="form-control" name="c_name" required>
</div><!-- form-group Finish -->
<div class="form-group"><!-- form-group Begin -->
<label>Email</label>
<input type="text" class="form-control" name="c_email" required>
</div><!-- form-group Finish -->
<div class="form-group"><!-- form-group Begin -->
<label>Password</label>
<input type="password" class="form-control" name="c_pass" required>
</div><!-- form-group Finish -->
<div class="form-group"><!-- form-group Begin -->
<label>Country</label>
<input type="text" class="form-control" name="c_country" required>
</div><!-- form-group Finish -->
```

```
<div class="form-group"><!-- form-group Begin -->

  <label>City</label>

  <input type="text" class="form-control" name="c_city" required>

</div><!-- form-group Finish -->

<div class="form-group"><!-- form-group Begin -->

  <label>Contact</label>

  <input type="text" class="form-control" name="c_contact" required>
</div><!-- form-group Finish -->

<div class="form-group"><!-- form-group Begin -->

  <label>Address</label>

  <input type="text" class="form-control" name="c_address" required>

</div><!-- form-group Finish -->

<div class="form-group"><!-- form-group Begin -->

  <label>Profile Picture</label>
```

```
                    <input type="file" class="form-control form-height-custom"
name="c_image" required>

                </div><!-- form-group Finish -->

                <div class="text-center"><!-- text-center Begin -->

                    <button type="submit" name="register" class="btn btn-primary">

                    <i class="fa fa-user-md"></i> Register

                    </button>
            </div><!-- text-center Finish -->

                </form><!-- form Finish -->

              </div><!-- box-header Finish -->

            </div><!-- box Finish -->

          </div><!-- col-md-12 Finish -->

      </div><!-- container Finish -->
  </div><!-- #content Finish -->
 <?php
```

```
  include("includes/footer.php");      ?>
  <script src="js/jquery-331.min.js"></script>
   <script src="js/bootstrap-337.min.js"></script>
 </body>
</html>
<?php
if(isset($_POST['register'])){

   $c_name = $_POST['c_name'];

   $c_email = $_POST['c_email'];

   $c_pass = $_POST['c_pass'];

   $c_country = $_POST['c_country'];

   $c_city = $_POST['c_city'];

   $c_contact = $_POST['c_contact'];

   $c_address = $_POST['c_address'];

   $c_image = $_FILES['c_image']['name'];

   $c_image_tmp = $_FILES['c_image']['tmp_name'];
```

```
    $c_ip = getRealIpUser();

    move_uploaded_file($c_image_tmp,"customer/customer_images/$c_image");

    $insert_customer = "insert into customers
(customer_name,customer_email,customer_pass,customer_country,customer_city,custom
er_contact,customer_address,customer_image,customer_ip) values
('$c_name','$c_email','$c_pass','$c_country','$c_city','$c_contact','$c_address','$c_image','$
c_ip')";

    $run_customer = mysqli_query($con,$insert_customer);

    $sel_cart = "select * from cart where ip_add='$c_ip'";

    $run_cart = mysqli_query($con,$sel_cart);

    $check_cart = mysqli_num_rows($run_cart);

    if($check_cart>0){

      /// If register have items in cart ///

      $_SESSION['customer_email']=$c_email;

      echo "<script>alert('You have been Registered Sucessfully')</script>";

      echo "<script>window.open('checkout.php','_self')</script>";
```

```
   }else{

      /// If register without items in cart ///

      $_SESSION['customer_email']=$c_email;

      echo "<script>alert('You have been Registered Sucessfully')</script>";

      echo "<script>window.open('index.php','_self')</script>";   }     }    ?>
```

- ✓ **Order.php**

```
<?php

include("includes/db.php");
include("functions/functions.php");      ?>
<?php
if(isset($_GET['c_id']))
  $customer_id = $_GET['c_id'];    }
   $ip_add = getRealIpUser();
$status = "pending";
$invoice_no = mt_rand();
$select_cart = "select * from cart where ip_add='$ip_add'";
$run_cart = mysqli_query($con,$select_cart);
while($row_cart = mysqli_fetch_array($run_cart)){
    $pro_id = $row_cart['p_id'];
```

```
$pro_qty = $row_cart['qty'];

$pro_size = $row_cart['size'];

$sub_total = $row_cart['p_price']*$pro_qty;


$insert_customer_order = "insert into customer_orders
(customer_id,due_amount,invoice_no,qty,size,order_date,order_status) values
('$customer_id','$sub_total','$invoice_no','$pro_qty','$pro_size',NOW(),'$status')";


$run_customer_order = mysqli_query($con,$insert_customer_order);

    $insert_pending_order = "insert into pending_orders
(customer_id,invoice_no,product_id,qty,size,order_status) values
('$customer_id','$invoice_no','$pro_id','$pro_qty','$pro_size','$status')";


$run_pending_order = mysqli_query($con,$insert_pending_order);

$delete_cart = "delete from cart where ip_add='$ip_add'";

$run_delete = mysqli_query($con,$delete_cart);

echo "<script>alert('Your orders has been submitted, Thanks')</script>"

echo "<script>window.open('customer/my_account.php?my_orders','_self')</script>";

    }    ?>
```

- ✓ **Payment_options.php**

```
<div class="box"><!-- box Begin -->


<?php


$session_email = $_SESSION['customer_email'];


$select_customer = "select * from customers where customer_email='$session_email'";
```

```
$run_customer = mysqli_query($con,$select_customer);

$row_customer = mysqli_fetch_array($run_customer);

$customer_id = $row_customer['customer_id'];

?>

<h1 class="text-center">Payment Options For You</h1>

 <p class="lead text-center"><!-- lead text-center Begin -->

    <a href="order.php?c_id=<?php echo $customer_id ?>"> Offline Payment </a>

 </p><!-- lead text-center Finish -->

 <center><!-- center Begin -->

   <p class="lead"><!-- lead Begin -->

      <a href="#">

         Paypall Payment

         <img class="img-responsive" src="images/paypall_img.png" alt="img-paypall">
```

```
            </a>

        </p> <!-- lead Finish -->

    </center><!-- center Finish -->

</div><!-- box Finish -->
```

✓ Header.php

```
<?php
session_start();
include("includes/db.php");
include("functions/functions.php");

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Rimita E-Store</title>
    <link rel="stylesheet" href="styles/bootstrap-337.min.css">
    <link rel="stylesheet" href="font-awsome/css/font-awesome.min.css">
    <link rel="stylesheet" href="styles/style.css">
</head>
```

```
<body>

  <div id="top"><!-- Top Begin -->
    <div class="container"><!-- container Begin -->
      <div class="col-md-6 offer"><!-- col-md-6 offer Begin -->
        <a href="#" class="btn btn-success btn-sm">

            <?php

            if(!isset($_SESSION['customer_email'])){

              echo "Welcome: Guest";

            }else{

              echo "Welcome: " . $_SESSION['customer_email'] . "";    }    ?>
          </a>
          <a href="checkout.php"><?php items(); ?> Items In Your Cart | Total Price: <?php
total_price(); ?> </a>

        </div><!-- col-md-6 offer Finish -->

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

          <ul class="menu"><!-- cmenu Begin -->
```

```
<li>
   <a href="customer_register.php">Register</a>
</li>
<li>
   <a href="checkout.php">My Account</a>
</li>
<li>
   <a href="cart.php">Go To Cart</a>
</li>
<li>
   <a href="checkout.php">

      <?php

      if(!isset($_SESSION['customer_email'])){

         echo "<a href='checkout.php'> Login </a>";

        }else{

         echo " <a onclick='confirmLogout()'> Log Out </a> ";   }    ?>
      <script>
 function confirmLogout() {
 let confirmLogout = confirm("Are you sure to logout?");
if(confirmLogout) {
     alert("You are logged out!");
```

```
window.open('logout.php','_self');
      } else {
alert("Logout cancelled!");   }     }
 </script>
                  </a>
               </li>

            </ul><!-- menu Finish -->

         </div><!-- col-md-6 Finish -->

      </div><!-- container Finish -->

   </div><!-- Top Finish -->

   <div id="navbar" class="navbar navbar-default"><!-- navbar navbar-default Begin -->

      <div class="container"><!-- container Begin -->

         <div class="navbar-header"><!-- navbar-header Begin -->

            <a href="index.php" class="navbar-brand home"><!-- navbar-brand home Begin -->

               <img src="images/logo_web.png" alt="Rimita E-Store Logo" class="hidden-xs">

               <img src="images/logo_mobile.png" alt="Rimita E-Store Logo Mobile"
class="visible-xs">
```

```
            </a><!-- navbar-brand home Finish -->

            <button class="navbar-toggle" data-toggle="collapse" data-target="#navigation">

               <span class="sr-only">Toggle Navigation</span>

               <i class="fa fa-align-justify"></i>

            </button>

            <button class="navbar-toggle" data-toggle="collapse" data-target="#search">

               <span class="sr-only">Toggle Search</span>

               <i class="fa fa-search"></i>

            </button>

         </div><!-- navbar-header Finish -->

         <div class="navbar-collapse collapse" id="navigation"><!-- navbar-collapse collapse
Begin -->

            <div class="padding-nav"><!-- padding-nav Begin -->
```

```
<ul class="nav navbar-nav left"><!-- nav navbar-nav left Begin -->

<li class="<?php if($active=='Home') echo"active"; ?>">
<a href="index.php">Home</a>
</li>
<li class="<?php if($active=='Shop') echo"active"; ?>">
<a href="shop.php">Shop</a>
</li>
<li class="<?php if($active=='Account') echo"active"; ?>">
<?php

if(!isset($_SESSION['customer_email'])){

echo"<a href='checkout.php'>My Account</a>";

}else{

echo"<a href='customer/my_account.php?my_orders'>My Account</a>";
} ?>
</li>
<li class="<?php if($active=='Cart') echo"active"; ?>">
<a href="cart.php">Shopping Cart</a>
</li>
<li class="<?php if($active=='Contact') echo"active"; ?>">
<a href="contact.php">Contact Us</a>
</li>
```

```
            </ul><!-- nav navbar-nav left Finish -->

        </div><!-- padding-nav Finish -->

        <a href="cart.php" class="btn navbar-btn btn-primary right"><!-- btn navbar-btn btn-primary Begin -->

            <i class="fa fa-shopping-cart"></i>

            <span><?php items(); ?> Items In Your Cart</span>

        </a><!-- btn navbar-btn btn-primary Finish -->

        <div class="navbar-collapse collapse right"><!-- navbar-collapse collapse right Begin -->

            <button class="btn btn-primary navbar-btn" type="button" data-toggle="collapse" data-target="#search"><!-- btn btn-primary navbar-btn Begin -->

                <span class="sr-only">Toggle Search</span>

                <i class="fa fa-search"></i>

            </button><!-- btn btn-primary navbar-btn Finish -->

        </div><!-- navbar-collapse collapse right Finish -->
```

```
<div class="collapse clearfix" id="search"><!-- collapse clearfix Begin -->

<form method="get" action="results.php" class="navbar-form"><!-- navbar-form Begin -->

<div class="input-group"><!-- input-group Begin -->

<input type="text" class="form-control" placeholder="Search" name="user_query" required>

<span class="input-group-btn"><!-- input-group-btn Begin -->

<button type="submit" name="search" value="Search" class="btn btn-primary"><!-- btn btn-primary Begin -->

<i class="fa fa-search"></i>

</button><!-- btn btn-primary Finish -->

</span><!-- input-group-btn Finish -->

</div><!-- input-group Finish -->

</form><!-- navbar-form Finish -->

</div><!-- collapse clearfix Finish -->
```

```
        </div><!-- navbar-collapse collapse Finish -->

      </div><!-- container Finish -->

    </div><!-- navbar navbar-default Finish -->
```

✓ Footer.php

```
<div id="footer"><!-- #footer Begin -->
   <div class="container"><!-- container Begin -->
      <div class="row"><!-- row Begin -->
         <div class="col-sm-6 col-md-3"><!-- col-sm-6 col-md-3 Begin -->

            <h4>Pages</h4>

            <ul><!-- ul Begin -->
               <li><a href="cart.php">Shopping Cart</a></li>
               <li><a href="contact.php">Contact Us</a></li>
               <li><a href="shop.php">Shop</a></li>
               <li><a href="customer/my_account.php">My Account</a></li>
            </ul><!-- ul Finish -->

            <hr>

            <h4>User Section</h4>

            <ul><!-- ul Begin -->
```

```
            <?php

            if(!isset($_SESSION['customer_email'])){

               echo"<a href='checkout.php'>Login</a>";

            }else{

              echo"<a href='customer/my_account.php?my_orders'>My Account</a>";

            }    ?>

        <li><a href="customer_register.php">Register</a></li>
        <li><a href="terms.php">Terms & Conditions</a></li>
    </ul><!-- ul Finish -->

    <hr class="hidden-md hidden-lg hidden-sm">

</div><!-- col-sm-6 col-md-3 Finish -->

<div class="com-sm-6 col-md-3"><!-- col-sm-6 col-md-3 Begin -->

    <h4>Top Products Categories</h4>

    <ul><!-- ul Begin -->
```

```
<?php

$get_p_cats = "select * from product_categories";

$run_p_cats = mysqli_query($con,$get_p_cats);

while($row_p_cats=mysqli_fetch_array($run_p_cats)){

$p_cat_id = $row_p_cats['p_cat_id'];

$p_cat_title = $row_p_cats['p_cat_title'];

echo "

<li>

<a href='shop.php?p_cat=$p_cat_id'>

$p_cat_title

</a>    </li>

“;     }       ?>

</ul><!-- ul Finish -->
```

```
    <hr class="hidden-md hidden-lg">

</div><!-- col-sm-6 col-md-3 Finish -->

<div class="col-sm-6 col-md-3"><!-- col-sm-6 col-md-3 Begin -->

    <h4>Find Us</h4>

    <p><!-- p Start -->

        <strong>Rimita E-store Media inc.</strong>
        <br/>Cibubur
        <br/>Ciracas
        <br/>0818-0683-3157
        <br/>rimilina@gmail.com
        <br/><strong>Rimita Santra</strong>

    </p><!-- p Finish -->

    <a href="contact.php">Check Our Contact Page</a>

    <hr class="hidden-md hidden-lg">

</div><!-- col-sm-6 col-md-3 Finish -->
```

```
<div class="col-sm-6 col-md-3">

  <h4>Get The News</h4>

  <p class="text-muted">
    Dont miss our latest update products.
  </p>

  <form action="https://feedburner.google.com/fb/a/mailverify" method="post"
target="popupwindow"
onsubmit="window.open('https://feedburner.google.com/fb/a/mailverify?uri=M-
devMedia', 'popupwindow', 'scrollbars=yes,width=550,height=520');return true"
method="post"><!-- form begin -->
    <div class="input-group"><!-- input-group begin -->

      <input type="text" class="form-control" name="email">

      <input type="hidden" value="M-devMedia" name="uri"/><input
type="hidden" name="loc" value="en_US"/>

      <span class="input-group-btn"><!-- input-group-btn begin -->

        <input type="submit" value="subscribe" class="btn btn-default">

      </span><!-- input-group-btn Finish -->

    </div><!-- input-group Finish -->
  </form><!-- form Finish -->
```

```
            <hr>

            <h4>Keep In Touch</h4>
        <p class="social">
                <a href="#" class="fa fa-facebook"></a>
                <a href="#" class="fa fa-twitter"></a>
                <a href="#" class="fa fa-instagram"></a>
                <a href="#" class="fa fa-google-plus"></a>
                <a href="#" class="fa fa-envelope"></a>
            </p>
           </div>
        </div><!-- row Finish -->
    </div><!-- container Finish -->
</div><!-- #footer Finish -->
<div id="copyright"><!-- #copyright Begin -->
    <div class="container"><!-- container Begin -->
        <div class="col-md-6"><!-- col-md-6 Begin -->
          <p class="pull-left">&copy; 2022 Rimita E-store Store All Rights Reserve</p>
      </div><!-- col-md-6 Finish -->
        <div class="col-md-6"><!-- col-md-6 Begin -->
       <p class="pull-right">Theme by: <a href="#">Rimita Santra</a></p>
           </div><!-- col-md-6 Finish -->
    </div><!-- container Finish -->
</div><!-- #copyright Finish -->
```

✓ Dashboard.php

```
<?php
 if(!isset($_SESSION['admin_email']))
 echo "<script>window.open('login.php','_self')</script>";
    }else{              ?>
<div class="row"><!-- row no: 1 begin -->
   <div class="col-lg-12"><!-- col-lg-12 begin -->
      <h1 class="page-header"> Dashboard </h1>

      <ol class="breadcrumb"><!-- breadcrumb begin -->
         <li class="active"><!-- active begin -->
      <i class="fa fa-dashboard"></i> Dashboard
      </li><!-- active finish -->
      </ol><!-- breadcrumb finish -->
  </div><!-- col-lg-12 finish -->
</div><!-- row no: 1 finish -->
<div class="row"><!-- row no: 2 begin -->
 <div class="col-lg-3 col-md-6"><!-- col-lg-3 col-md-6 begin -->
      <div class="panel panel-primary"><!-- panel panel-primary begin -->
       <div class="panel-heading"><!-- panel-heading begin -->
            <div class="row"><!-- panel-heading row begin -->
               <div class="col-xs-3"><!-- col-xs-3 begin -->
             <i class="fa fa-tasks fa-5x"></i>
      </div><!-- col-xs-3 finish -->

               <div class="col-xs-9 text-right"><!-- col-xs-9 text-right begin -->
```

```
                <div class="huge"> <?php echo $count_products; ?> </div>
               <div> Products </div>
                </div><!-- col-xs-9 text-right finish -->
          </div><!-- panel-heading row finish -->
       </div><!-- panel-heading finish -->
     <a href="index.php?view_products"><!-- a href begin -->
          <div class="panel-footer"><!-- panel-footer begin -->
         <span class="pull-left"><!-- pull-left begin -->
                View Details
             </span><!-- pull-left finish -->
  <span class="pull-right"><!-- pull-right begin -->
                <i class="fa fa-arrow-circle-right"></i>
             </span><!-- pull-right finish -->
         <div class="clearfix"></div>
          </div><!-- panel-footer finish -->
       </a><!-- a href finish -->

    </div><!-- panel panel-primary finish -->
</div><!-- col-lg-3 col-md-6 finish -->

<div class="col-lg-3 col-md-6"><!-- col-lg-3 col-md-6 begin -->
    <div class="panel panel-green"><!-- panel panel-green begin -->
   <div class="panel-heading"><!-- panel-heading begin -->
          <div class="row"><!-- panel-heading row begin -->
             <div class="col-xs-3"><!-- col-xs-3 begin -->
          <i class="fa fa-users fa-5x"></i>
```

```
  </div><!-- col-xs-3 finish -->

            <div class="col-xs-9 text-right"><!-- col-xs-9 text-right begin -->
               <div class="huge"> <?php echo $count_customers; ?> </div>
              <div> Customers </div>
             </div><!-- col-xs-9 text-right finish -->
          </div><!-- panel-heading row finish -->
       </div><!-- panel-heading finish -->
    <a href="index.php?view_customers"><!-- a href begin -->
          <div class="panel-footer"><!-- panel-footer begin -->

             <span class="pull-left"><!-- pull-left begin -->
                View Details
             </span><!-- pull-left finish -->

             <span class="pull-right"><!-- pull-right begin -->
                <i class="fa fa-arrow-circle-right"></i>
             </span><!-- pull-right finish -->
            <div class="clearfix"></div>
       </div><!-- panel-footer finish -->
       </a><!-- a href finish -->

    </div><!-- panel panel-green finish -->
</div><!-- col-lg-3 col-md-6 finish -->

<div class="col-lg-3 col-md-6"><!-- col-lg-3 col-md-6 begin -->
```

```
<div class="panel panel-orange"><!-- panel panel-yellow begin -->

<div class="panel-heading"><!-- panel-heading begin -->
<div class="row"><!-- panel-heading row begin -->
<div class="col-xs-3"><!-- col-xs-3 begin -->
<i class="fa fa-tags fa-5x"></i>
</div><!-- col-xs-3 finish -->
<div class="col-xs-9 text-right"><!-- col-xs-9 text-right begin -->
<div class="huge"> <?php echo $count_p_categories; ?> </div>
<div> Product Categories </div>
</div><!-- col-xs-9 text-right finish -->
</div><!-- panel-heading row finish -->
</div><!-- panel-heading finish -->

<a href="index.php?view_p_cats"><!-- a href begin -->
<div class="panel-footer"><!-- panel-footer begin -->
<span class="pull-left"><!-- pull-left begin -->
View Details
</span><!-- pull-left finish -->
<span class="pull-right"><!-- pull-right begin -->
<i class="fa fa-arrow-circle-right"></i>
</span><!-- pull-right finish -->
<div class="clearfix"></div>
</div><!-- panel-footer finish -->
</a><!-- a href finish -->
</div><!-- panel panel-yellow finish -->
```

```
</div><!-- col-lg-3 col-md-6 finish -->

<div class="col-lg-3 col-md-6"><!-- col-lg-3 col-md-6 begin -->
    <div class="panel panel-red"><!-- panel panel-red begin -->
<div class="panel-heading"><!-- panel-heading begin -->
          <div class="row"><!-- panel-heading row begin -->
            <div class="col-xs-3"><!-- col-xs-3 begin -->
   <i class="fa fa-shopping-cart fa-5x"></i>
          </div><!-- col-xs-3 finish -->
        <div class="col-xs-9 text-right"><!-- col-xs-9 text-right begin -->
              <div class="huge"> <?php echo $count_pending_orders; ?> </div>
            <div> Orders </div>
        </div><!-- col-xs-9 text-right finish -->
</div><!-- panel-heading row finish -->
        </div><!-- panel-heading finish -->

        <a href="index.php?view_orders"><!-- a href begin -->
          <div class="panel-footer"><!-- panel-footer begin -->
 <span class="pull-left"><!-- pull-left begin -->
              View Details
            </span><!-- pull-left finish -->

            <span class="pull-right"><!-- pull-right begin -->
              <i class="fa fa-arrow-circle-right"></i>
            </span><!-- pull-right finish -->
```

```
                <div class="clearfix"></div>
            </div><!-- panel-footer finish -->
            </a><!-- a href finish -->

        </div><!-- panel panel-red finish -->
    </div><!-- col-lg-3 col-md-6 finish -->

</div><!-- row no: 2 finish -->
<div class="row"><!-- row no: 3 begin -->
    <div class="col-lg-8"><!-- col-lg-8 begin -->
        <div class="panel panel-primary"><!-- panel panel-primary begin -->
            <div class="panel-heading"><!-- panel-heading begin -->
                <h3 class="panel-title"><!-- panel-title begin -->

                    <i class="fa fa-money fa-fw"></i> New Orders

                </h3><!-- panel-title finish -->
            </div><!-- panel-heading finish -->

            <div class="panel-body"><!-- panel-body begin -->
                <div class="table-responsive"><!-- table-responsive begin -->
                    <table class="table table-hover table-striped table-bordered"><!-- table table-hover table-striped table-bordered begin -->

                        <thead><!-- thead begin -->
            <tr><!-- th begin -->
```

```
                <th> Order no </th>
                <th> Customer Email </th>
                <th> Invoice No </th>
                <th> Product ID </th>
                <th> Product Qty </th>
                <th> Product Size </th>
                <th> Status </th>

            </tr><!-- th finish -->
          </thead><!-- thead finish -->
      <tbody><!-- tbody begin -->
            <?php

                $i=0;
$get_order = "select * from pending_orders order by 1 DESC LIMIT 0,5";

                $run_order = mysqli_query($con,$get_order);

                while($row_order=mysqli_fetch_array($run_order)){

                  $order_id = $row_order['order_id'];

                  $c_id = $row_order['customer_id'];

                  $invoice_no = $row_order['invoice_no'];
```

```
                $product_id = $row_order['product_id'];

                $qty = $row_order['qty'];

                $size = $row_order['size'];

                $order_status = $row_order['order_status'];

                $i++;       ?>

            <tr><!-- tr begin -->

              <td> <?php echo $order_id; ?> </td>
              <td>

                <?php

                  $get_customer = "select * from customers where
customer_id='$c_id'";

                  $run_customer = mysqli_query($con,$get_customer);

                  $row_customer = mysqli_fetch_array($run_customer);

                  $customer_email = $row_customer['customer_email'];
```

```
            echo $customer_email;     ?>
        </td>
        <td> <?php echo $invoice_no; ?> </td>
        <td> <?php echo $product_id; ?> </td>
        <td> <?php echo $qty; ?> </td>
        <td> <?php echo $size; ?> </td>
        <td>

          <?php

            if($order_status=='pending'){

              echo $order_status='pending';

            }else{

              echo $order_status='Complete';    }     ?>
        </td>

    </tr><!-- tr finish -->

    <?php } ?>

</tbody><!-- tbody finish -->
```

```
            </table><!-- table table-hover table-striped table-bordered finish -->

          </div><!-- table-responsive finish -->

          <div class="text-right"><!-- text-right begin -->

            <a href="index.php?view_orders"><!-- a href begin -->

              View All Orders <i class="fa fa-arrow-circle-right"></i>

            </a><!-- a href finish -->

          </div><!-- text-right finish -->

        </div><!-- panel-body finish -->

      </div><!-- panel panel-primary finish -->
    </div><!-- col-lg-8 finish -->

    <div class="col-md-4"><!-- col-md-4 begin -->
      <div class="panel"><!-- panel begin -->
        <div class="panel-body"><!-- panel-body begin -->
          <div class="mb-md thumb-info"><!-- mb-md thumb-info begin -->

            <img src="admin_images/<?php echo $admin_image; ?>" alt="<?php echo
$admin_image; ?>" class="rounded img-responsive">
```

```
                <div class="thumb-info-title"><!-- thumb-info-title begin -->


                  <span class="thumb-info-inner"> <?php echo $admin_name; ?> </span>

                  <span class="thumb-info-type"> <?php echo $admin_job; ?> </span>

                  </div><!-- thumb-info-title finish -->

                 </div><!-- mb-md thumb-info finish -->

      <div class="mb-md"><!-- mb-md begin -->

                <div class="widget-content-expanded"><!-- widget-content-expanded begin -->

                  <i class="fa fa-user"></i> <span> Email: </span> <?php echo $admin_email; ?>
<br/>

                  <i class="fa fa-flag"></i> <span> Country: </span> <?php echo
$admin_country; ?> <br/>

                  <i class="fa fa-envelope"></i> <span> Contact: </span> <?php echo
$admin_contact; ?> <br/>

                </div><!-- widget-content-expanded finish -->

             <hr class="dotted short">

           <h5 class="text-muted"> About Me </h5>

            <p><!-- p begin -->

    <?php echo $admin_about; ?>

        </p><!-- p finish -->

       </div><!-- mb-md finish -->

  </div><!-- panel-body finish -->

        </div><!-- panel finish -->

     </div><!-- col-md-4 finish -->


</div><!-- row no: 3 finish -->    <?php    }?>
```

✓ Insert_cart.php

```
<?php

   if(!isset($_SESSION['admin_email'])){

      echo "<script>window.open('login.php','_self')</script>";

   }else{          ?>
<div class="row"><!-- row 1 begin -->
   <div class="col-lg-12"><!-- col-lg-12 begin -->
      <ol class="breadcrumb"><!-- breadcrumb begin -->
         <li>
            <i class="fa fa-dashboard"></i> Dashboard / Insert Category
         </li>
      </ol><!-- breadcrumb finish -->
   </div><!-- col-lg-12 finish -->
</div><!-- row 1 finish -->
<div class="row"><!-- row 2 begin -->
   <div class="col-lg-12"><!-- col-lg-12 begin -->
      <div class="panel panel-default"><!-- panel panel-default begin -->
         <div class="panel-heading"><!-- panel-heading begin -->
            <h3 class="panel-title"><!-- panel-title begin -->
               <i class="fa fa-money fa-fw"></i> Insert Category
            </h3><!-- panel-title finish -->
         </div><!-- panel-heading finish -->
```

```
<div class="panel-body"><!-- panel-body begin -->

  <form action="" class="form-horizontal" method="post" enctype="multipart/form-data"><!-- form-horizontal begin -->

    <div class="form-group"><!-- form-group begin -->

      <label for="" class="control-label col-md-3"><!-- control-label col-md-3 begin -->

        Category Title

      </label><!-- control-label col-md-3 finish -->

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

        <input name="cat_title" type="text" class="form-control">

      </div><!-- col-md-6 finish -->

    </div><!-- form-group finish -->

    <div class="form-group"><!-- form-group 2 begin -->

      <label for="" class="control-label col-md-3"><!-- control-label col-md-3 begin -->

        Choose As Top Manufacturer

      </label><!-- control-label col-md-3 finish -->

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

```
        <input name="cat_top" type="radio" value="yes">
                <label>Yes</label>
              <input name="cat_top" type="radio" value="no">
                <label>No</label>
            </div><!-- col-md-6 finish -->
          </div><!-- form-group 2 finish -->
<div class="form-group"><!-- form-group 3 begin -->
        <label for="" class="control-label col-md-3"><!-- control-label col-md-3 begin -->
            Category Image
          </label><!-- control-label col-md-3 finish -->

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

                <input type="file" name="cat_image" class="form-control">

              </div><!-- col-md-6 finish -->

            </div><!-- form-group 3 finish -->

              <div class="form-group"><!-- form-group begin -->
            <label for="" class="control-label col-md-3"><!-- control-label col-md-3 begin -->

              </label><!-- control-label col-md-3 finish -->

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

```
                    <input value="Submit Category" name="submit" type="submit" class="form-
control btn btn-primary">

                </div><!-- col-md-6 finish -->

            </div><!-- form-group finish -->

          </form><!-- form-horizontal finish -->

        </div><!-- panel-body finish -->

      </div><!-- panel panel-default finish -->

   </div><!-- col-lg-12 finish -->

</div><!-- row 2 finish -->

<?php

        if(isset($_POST['submit'])){

           $cat_title = $_POST['cat_title'];

           $cat_top = $_POST['cat_top'];

           $cat_image = $_FILES['cat_image']['name'];

           $temp_name = $_FILES['cat_image']['tmp_name'];

           move_uploaded_file($temp_name,"other_images/$cat_image");
```

```
        $insert_cat = "insert into categories (cat_title,cat_top,cat_image) values
('$cat_title','$cat_top','$cat_image')";

        $run_cat = mysqli_query($con,$insert_cat);

        if($run_cat){

           echo "<script>alert('Your New Category Has Been Inserted')</script>";

           echo "<script>window.open('index.php?view_cats','_self')</script>";

        }
 }
 ?>
<?php
 }
?>
```

✓ Delete_product.php

```
<?php
    if(!isset($_SESSION['admin_email'])){
       echo "<script>window.open('login.php','_self')</script>";
      }else{
?>
<?php
  if(isset($_GET['delete_product'])){
       $delete_id = $_GET['delete_product'];
      $delete_pro = "delete from products where product_id='$delete_id'";
      $run_delete = mysqli_query($con,$delete_pro);
       if($run_delete){
           echo "<script>alert('One of your product has been Deleted')</script>";

          echo "<script>window.open('index.php?view_products','_self')</script>";
          }
      }
?>

<?php
 }
 ?>
```