

A Project Report
on
GYAN SALA WEBSITE

Submitted in the Partial Fulfillment of the Requirement for the Award of

Bachelor of Technology

in

Information Technology

Submitted By

ARCHIT KUMAR GUPTA (1904850130016)

VIPIN TIWARI (1904850130061)

AMIT KUMAR (1904850130009)

Under the Guidance of

Mr. RAHUL GUPTA

HOD

Dept. of Information Technology

at



SR INSTITUTE OF MANAGEMENT & TECHNOLOGY LUCKNOW

(Recognized by AICTE & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

AKTU College Code – 485

(2022-23)

CONTENT

S.N.	TOPICS	P.N.
	CERTIFICATE	03
	DECLARATION	04
	ABSTRACT	05
	ACKNOWLEDGEMENT	06
	LIST OF FIGURES	07
1	Introduction	08-09
	1.1 Background	08
	1.2 Objective	08-09
	1.3 Purpose & Scope	09
	1.4 Limitations	09
2	Feasibility study	10
	2.1 Economic Feasibility	10
	2.2 Technical Feasibility	10
	2.3 Behavioural Feasibility	10
3	Requirement & Analysis	11-15
	3.1 Problem Definition	11-12
	3.2 Planning & Scheduling (Flow Chart & Gantt Chart)	13-14
	3.3 Software / Hardware Requirements	14
	3.4 SDLC Model	15
4	Survey of Technology	16-19
	4.1 Technology Used (Front End, Backend & Database)	16-18
	4.2 IDE & Various Tools	19
5	Preliminary Module Description	20
6	System Design	21-28
	6.1 DFD	21-24
	6.2 ER-Diagram	25
	6.3 Data Structure (Tables of Database)	26-28
7	Detailed Design	29-108
	7.1 Input Output Screen of Project	29
	7.2 Validation Checks	30
	7.3 Program code	31-108
8	Testing Techniques	109-110
9	Implementation & Maintenance	111
10	Limitation, Future Scope & Enhancements	112
11	References & Bibliography	113

CERTIFICATE

This is to certify that the project entitled “**GYAN SALA WEBSITE**” is a bonafide record of the semester work done by **ARCHIT KUMAR GUPTA (1904850130016)**, **VIPIN TIWARI (1904850130061)** and **AMIT KUMAR (1904850130009)** under my supervision and guidance, in partial fulfillment of the requirements for the Outcome-based Education Paradigm in Information Technology from **SR Institute of Management & Technology, Lucknow** for the academic year

2022-2023.

Place: Lucknow

Date:

Rahul Gupta
(HoD)/ (Project Guide)
Dept. of Information Technology
SRIMT,Lucknow

DECLARATION

We declare that the project entitled, “**GYAN SALA WEBSITE**” represents our ideas in our own words and carried out by us under the guidance of Mr. Rahul Gupta, Department of Information Technology, **SR Institute of Management & Technology, Lucknow**. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission.

Place: Lucknow

Archit kumar Gupta (1904850130016)

Date

Vipin Tiwari (190485013006)

Amit Kumar (1904850130009)

ABSTRACT

This paper aims to present an e-service project finding conducted in one of the SR Institute of Management & Technology, Lucknow. The objective of the project is to create a prototype showing the functionalities of online ordering books system. The methodology used was Object Oriented approach where it involved three main phases, which are defining requirements, analysing requirement and validation functionalities. There are several diagram involved to show the functionalities of the system which are; use case diagram, use case specification, class diagram, sequence diagram, collaboration diagram, activity diagram and the list of requirement. This prototype provides a guideline in developing a real system of online ordering book based on user's perspective, particularly in the perspective of academic staff of SR Institute of Management & Technology, Lucknow.

ACKNOWLEDGEMENT

A project is a combined effort of many people. An accomplished project is the fruit of lots of research, hard work and ideas on the part of the team and the valuable suggestions and guidance of a supervisor. This project is no different. We take this opportunity to thank all the people associated with this project who helped us in the preparation of this project by their cooperation, suggestions and guidance. First of all, we would like to thank our teacher and guide for supervising us throughout the development of this project. Her valuable suggestions and ideas gave us a head start with this project and directed us in the right direction throughout the project development. We would also like to thank our **parents** for their valuable support and advice. Last but certainly, not the least we would like to thank our dear friends for their ideas, suggestions and occasional criticism. It helped a lot. All of these people played a very important role in the development of “SRIMT, Lucknow” project and we would like them to know that they have our heartfelt gratitude.

We would like to express my sincere appreciation to **Mr. Rahul Gupta** for his invaluable suggestions and practical advice which helped us tremendously during our research and planning of this project. His willingness to give his time so generously has been highly appreciated. We would like to offer our special thanks to **Mr. Rahul Gupta**, Ankur Singh and Faculty Members for his professional guidance and valuable support. We would also like to extend my thanks to our institute for offering us the resources. Thanks for all your encouragement!

Archit kumar Gupta
(1904850130016)

Vipin Tiwari
(1904850130061)

Amit Kumar
(1904850130009)

LIST OF FIGURES

S.N.	TOPIC		P.N.
1.	Planning & Scheduling		13-14
	1.1	Flow Chart	13
	1.2	Gantt Chart	14
2.	SDLC Model (Waterfall Model)		15
3.	DFD		21-25
	3.1	O-Level DFD	21
	3.2	Admin Process	22
	3.3	User registration & Profile update	23
	3.4	Shopping & Checkout Process	24
	3.5	ER-Diagram	25
4.	Admin & client Server (Output)		102-108
	4.1	Admin Server	102-105
	4.1.1	User account	102
	4.1.2	Dashboard	103
	4.1.3	Add product	103
	4.1.4	Orders	104
	4.1.5	Message	104
	4.1.6	Registration	105
	4.2	Client Server	105-108
	4.2.1	Home	105
	4.2.2	About	105
	4.2.3	Shopping	106
	4.2.4	Login & New a/c create	106
	4.2.5	Order	107
	4.2.6	Contect Page	107
	4.2.7	Cart Page	108

1. INTRODUCTION:

Online shopping is the process whereby consumers directly buy goods, services etc. from a seller interactively in real-time without an intermediary service over the internet.

Online shopping is the process of buying goods and services from merchants who sell on the Internet. Since the emergence of the World Wide Web, merchants have sought to sell their books to people who surf the Internet. Shoppers can visit web stores from the comfort of their homes and shop as they sit in front of the computer. Consumers buy a variety of items from online stores. In fact, people can purchase just about anything from companies that provide their books online. Books, clothing, household appliances, toys, hardware, software, and health insurance are just some of the hundreds of books consumers can buy from an online store.

Many people choose to conduct shopping online because of the convenience. For example, when a person shops at a brick-and-mortar store, she has to drive to the store, find a parking place, and walk throughout the store until she locates the books she needs. After finding the items she wants to purchase, she may often need to stand in long lines at the cash register.

1.1 Background

Online shopping allows you to browse through endless possibilities, and even offers merchandise that's unavailable in stores. If you're searching for a niche product that may not be distributed locally, you're sure to find what you're looking for on the internet. What's even more useful is the ability to compare items, similar or not, online. You can search through multiple stores at the same time, comparing material quality, sizes and pricing simultaneously.

Say 'goodbye' to the days when you stood in line waiting, and waiting, and waiting some more for a store clerk to finally check out your items. Online shopping transactions occur instantly-saving you time to get your other errands done! Additionally, unlike a store, online shopping has friendly customer service representatives available 24 hours a day, 7 days a week to assist you with locating, purchasing and shipping your merchandise.

1.2 Objective

My objective is to design such an application using which one can say 'goodbye' to the days when you stood in line waiting, and waiting some more for a store clerk to finally check out your items. Online shopping transactions occur instantly-saving you time to get your other errands done! Additionally, unlike a store, online shopping has friendly customer service representatives available 24 hours a day, 7 days a week to assist you with locating, purchasing and shipping your merchandise.

My main aim is to design such a book store where customer can visit our site anytime of the day from anywhere to view the available books, choose any of them and can order by paying online or can opt for cash on delivery as well. The administrator will regularly add any new books available to them for sale. The administrator will take books from the reputed publishers and vendors only.

1.3 Purpose and Scope

1.3.1 Purpose

Online Shopping system would have the following goals.

- Provide a web user interface to add, view, delete records in different areas.
- Provide a user interface to enter computer details.
- Provide a user interface to change details of all the computers and accessories.
- Provide a user interface for users to explore the store and choose items to buy.

1.3.2 Scope

The main scope and deliverables of the project would be to:

- Understand and prepare detailed requirement and specifications
- Prepare high level and detailed design specifications of the system
- Prepare Test Plan and Test cases
- Develop the system and coding
- Perform unit testing, integration and system testing
- Demonstrate a bug free application after suitable modification if needed.

1.4 Limitations

- By successfully implementing the project, a substantial knowledge has been acquired on the implementation of a database system using .net technologies. This knowledge will be useful in the future in creating any type of desktop application or online database systems.

2. FEASIBILITY STUDY

After doing the project Online Books Store, study and analyzing all the existing or required functionalities of the system, the task is to do the feasibility study for the project. All projects are feasible –given unlimited resources and infinite time.

2.1 Economical feasibility:-

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

1. All hardware and software cost has to be borne by the organization.
2. Overall we have estimated that the benefit the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

2.2 Technical feasibility:-

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

2.3 Behavioral feasibility:-

People are inherently resistant to change, and computers have been known to facilitate change. An estimate should be made of how strong a reaction the user staff is likely to have toward the development of a computerized system. [It is common knowledge that computer installations have something to do with turnover, transfers, retraining, and changes in employee job status. Therefore, it is understandable that the introduction of a candidate system requires special effort to educate, sell, and train the staff on new ways of conducting business.

3. REQUIREMENTS AND ANALYSIS

3.1 Problem Definition

Problem Definition and Need for the New System

- Online Book Store is a specific requirement of the client that integrates the buying and selling services specifically to their customers.
- Reports can be generated at any time within few seconds, so that manual labor is not required, and also analysis can be performed much more frequently which helps in taking decision.
- The details regarding all users, books can also be maintained as their information is very helpful and sometimes becomes a critical requirement.
- Allows user to get registered from their places and transact for the required product.
- To overcome these problems we develop “**Gyansala Book Store**”.

SYSTEM REQUIREMENTS SPECIFICATIONS

System requirements are expressed in a software requirement document. The Software requirement specification (SRS) is the official statement of what is required of the system developers. This requirement document includes the requirements definition and the requirement specification. The software requirement document is not a design document. It should set out what the system should do without specifying how it should be done. The requirement set out in this document is complete and consistent.

The software specification document satisfies the following:-

- It specifies the external system behaviours.
- It specifies constraints on the implementation.
- It is easy to change.
- It serves as reference tool for system maintainers.
- It record forethought about the life cycle of the system.
- It characterizes acceptable response to undesired events.

User Class and Characteristics:

- General public
- Customers
- Administrator
- General public can use the system to see the books, their prices and quantity available.
- Non registered user cannot buy the books.
- Customers are using for viewing and buying the books.
- Customer can also write feedbacks for books and services
- Administrators can add, edit & delete books and provide services to the customer.
- Administrator can see the daily sell. Can also see the feedback given by the customer.
- Administrator maintaining the deliveries.

Functional Requirements:

- The System must provide following functionalities—
- Keeping records of registration of customers.
- Keeping the records of books.
- Keeping the daily sell.
- Storing the feedback given by the customer.
- Keeping details about the product it is delivered or not. etc.
- Storing the items selected by the customer in the temporary storage.

Non Functional Requirements:

Following Non-functional requirements will be there in the online shopping portal.

- Secure access of confidential data (customer's details).
- 24 X 7 availability.
- Better component design to get better performance at peak time.

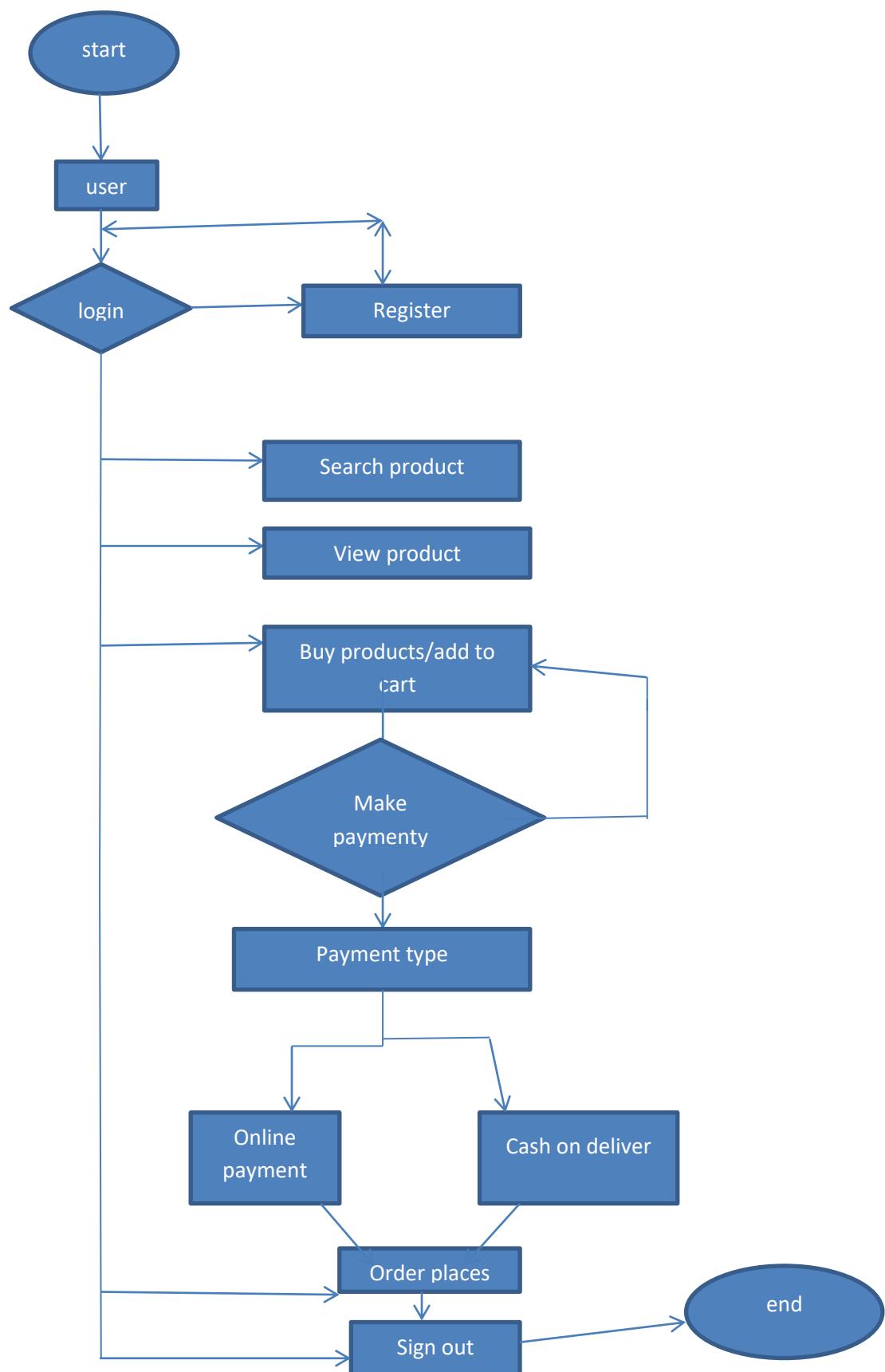
Flexible service based architecture will be highly desirable for future extension Non functional requirements define system properties and constraints It arise through user needs, because of budget constraints or organizational policies, or due to the external factors such as safety regulations, privacy registration and so on.

Various other Non-functional requirements are:

1. Security
2. Reliability
3. Maintainability
4. Portability
5. Extensibility
6. Reusability
7. Application Affinity/Compatibility
8. Resource Utilization

3.2 Planning & Scheduling (Flow Chart & Gantt Chart)

Flow charts:-



Gantt charts:-

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Idea						
Requirement & Analysis						
Coding & Testing						
Implementation						
Maintanance						

3.3 HARDWARE AND SOFTWARE REQUIREMENTS:

User Interface:

User of the system will be provided with the Graphical user interface, there is no command line interface for any functions of the product.

Hardware Requirements

Hardware requirements for running this project are as follows:

Processor: - Pentium I or above.

RAM: - 2GB or above.

HD: - 10 GB or above.

Software Requirements

Software required to make working of product is:-

Front end- HTML/PHP

Back end- My SQL

3.4 SDLC MODEL:-

The Software Development Life Cycle (SDLC) is a systematic process that development teams use to produce high-quality software, that meets customer expectations, in a cost-effective way. It provides a methodical, step-by-step approach to developing successful software, including gathering the initial requirements for a new product, through to maintaining a mature product on the market. The SDLC is used by both large and small software organizations.

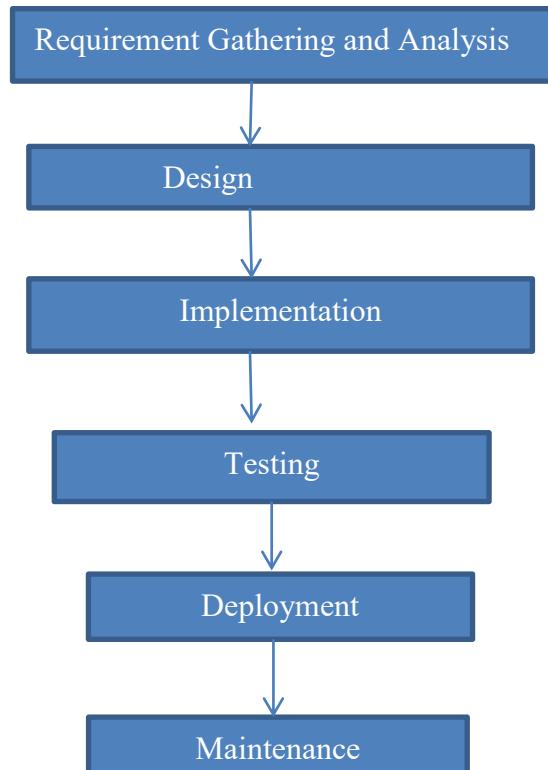
Teams follow development models ranging from Waterfall to Agile and others. Determining which SDLC is right for your project depends heavily on not just the expected outcome, but the parameters by which the project is executed. Since there's no one-size-fits-all approach to software development, it's important for software project managers, architects, and team leads to grasp the different options at their disposal before making a decision that affects the budgeting, staffing, and management of software delivery.

SDLC Phases:-

These are the standard stages of the SDLC:

- Requirement Gathering and Analysis
- Design
- Implementation (Coding / Development)
- Testing
- Deployment
- Maintenance

WATER FALL MODEL



4. SURVEY OF TECHNOLOGY

In a desktop application like Laboratory Management System, there is a scope for a large number of platforms, languages and frameworks to choose from. Before selecting from this large array of technologies, the following aspects, which are characteristic to windows based application like this one, have been kept in mind:

- Data validation
- Performance
- Reliability
- Scalability
- Security
- Portability
- Performance
- Time constraint
- Cost constraint

The various technologies available for consideration are as follows:

Operating System: Windows 10

Client Side Scripting:

- HTML
- CSS
- JavaScript

Server Side Scripting:

- PHP

Database Tool:

- MySQL

HTML

HTML or Hyper Text Markup Language is the standard markup language used to create web pages.

HTML is written in the form of HTML elements consisting of *tags* enclosed in angle brackets (like <html>). HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent *empty elements* and so are unpaired, for example . The first tag in a pair is the *start tag*, and the second tag is the *end tag* (they are also called *opening tags* and *closing tags*).

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language rather than a programming language.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

CSS

CSS was first developed in 1997, as a way for Web developers to define the look and feel of their Web pages. It was intended to allow developers to separate content from design so that HTML could perform more of the function that it was originally based on the markup of content, without worry about the design and layout.

CSS didn't gain in popularity until around 2000, when Web browsers began using more than the basic font and color aspects of CSS.

Web Designers that don't use CSS for their design and development of Web sites are rapidly becoming a thing of the past. And it is arguably as important to understand CSS as it is to know HTML - and some would say it was more important to know CSS.

Style sheet refers to the document itself. Style sheets have been used for document design for years. They are the technical specifications for a layout, whether print or online. Print designers use style sheets to insure that their designs are printed exactly to specifications. A style sheet for a Web page serves the same purpose, but with the added functionality of also telling the viewing engine (the Web browser) how to render the document being viewed.

PHP:

PHP (recursive acronym for *PHP: Hypertext Preprocessor*) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

Instead of lots of commands to output HTML (as seen in C or Perl), PHP pages contain HTML with embedded code that does "something" (in this case, output "Hi, I'm a PHP script!"). The PHP code is enclosed in special start and end processing instructions <?php and ?> that allow you to jump into and out of "PHP mode."

What distinguishes PHP from something like client-side JavaScript is that the code is executed on the server, generating HTML which is then sent to the client. The client would receive the results of running that script, but would not know what the underlying code was. You can even configure your web server to process all your HTML files with PHP, and then there's really no way that users can tell what you have up your sleeve.

The best things in using PHP are that it is extremely simple for a newcomer, but offers many advanced features for a professional programmer. Don't be afraid reading the long list of PHP's features. You can jump in, in a short time, and start writing simple scripts in a few hours.

MYSQL:

MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by Oracle Corporation.

The MySQL Web site (<http://www.mysql.com/>) provides the latest information about MySQL software.

- **MySQL is a database management system.**

A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or the vast amounts of information in a corporate network. To add, access, and process data stored in a computer database, you need a database management system such as MySQL Server. Since computers are very good at handling large amounts of data, database management systems play a central role in computing, as standalone utilities, or as parts of other applications.

- **MySQL databases are relational.**

A relational database stores data in separate tables rather than putting all the data in one big storeroom. The database structures are organized into physical files optimized for speed. The logical model, with objects such as databases, tables, views, rows, and

columns, offers a flexible programming environment. You set up rules governing the relationships between different data fields, such as one-to-one, one-to-many, unique, required or optional, and “pointers” between different tables. The database enforces these rules, so that with a well-designed database, your application never sees inconsistent, duplicate, orphan, out-of-date, or missing data.

The SQL part of “MySQL” stands for “Structured Query Language”. SQL is the most common standardized language used to access databases. Depending on your programming environment, you might enter SQL directly (for example, to generate reports), embed SQL statements into code written in another language, or use a language-specific API that hides the SQL syntax.

SQL is defined by the ANSI/ISO SQL Standard. The SQL standard has been evolving since 1986 and several versions exist. In this manual, “SQL-92” refers to the standard released in 1992, “SQL:1999” refers to the standard released in 1999, and “SQL:2003” refers to the current version of the standard. We use the phrase “the SQL standard” to mean the current version of the SQL Standard at any time.

- **MySQL software is Open Source.**

Open Source means that it is possible for anyone to use and modify the software. Anybody can download the MySQL software from the Internet and use it without paying anything. If you wish, you may study the source code and change it to suit your needs. The MySQL software uses the GPL (GNU General Public License), <http://www.fsf.org/licenses/>, to define what you may and may not do with the software in different situations. If you feel uncomfortable with the GPL or need to embed MySQL code into a commercial application, you can buy a commercially licensed version from us. See the MySQL Licensing Overview for more information (<http://www.mysql.com/company/legal/licensing/>).

5. Preliminary Module Description

1. Registration: Customer can register their account here to continue shopping.
2. Admin: Admin can add books, check orders and make sure the orders are delivered on time and can confirm payments by the customers.
3. Shopping Cart: Customers after login can browse through the different books and choose one or more products and can add them to cart.
4. Payment: Cash on Delivery facility is available.

6. System Design

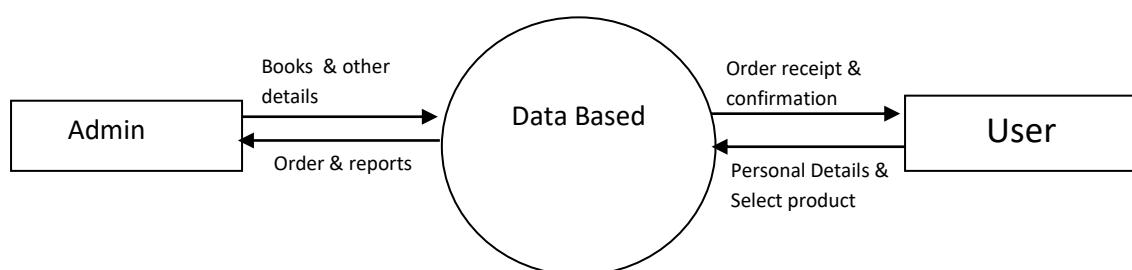
System design is the solution of a “how to approach to the creation of the new system. It is composed of several steps. It facilitates the understanding and provides the procedural details necessary for implementation of the system recommended in the feasibility study. Emphasis is given on translating the performance requirements into design specification. Design goes through logical and physical stages of development.

Logical design reviews the present physical system; prepares input and output specification; make editing; security and control specification; details the implementation plan, and prepare logical design walk through. The physical design maps out the details of the physical system; plans the system implementation plan and specifies hardware and software. System design translates the system requirement into the ways of the system as recommended in the feasibility study. Thus the system design is the translation from user-oriented document to a programmer or a database personal oriented document. System design is a highly creative process that can be greatly facilitated by the following:-

- Strong Problem Definition
- Pictorial description of the Existing System
- Set of Requirements of the new system

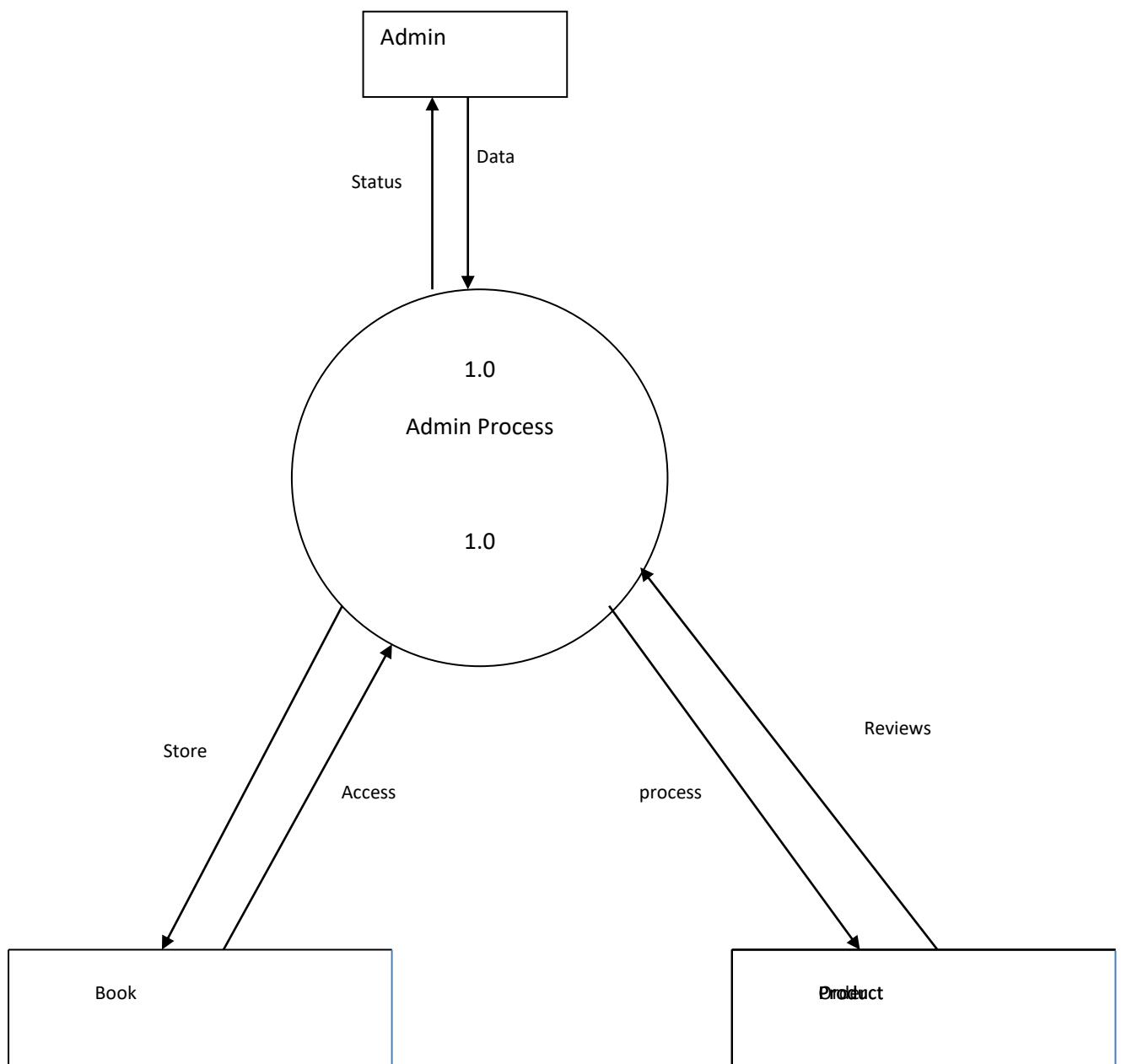
6.1 DFD

O-LEVEL DFD

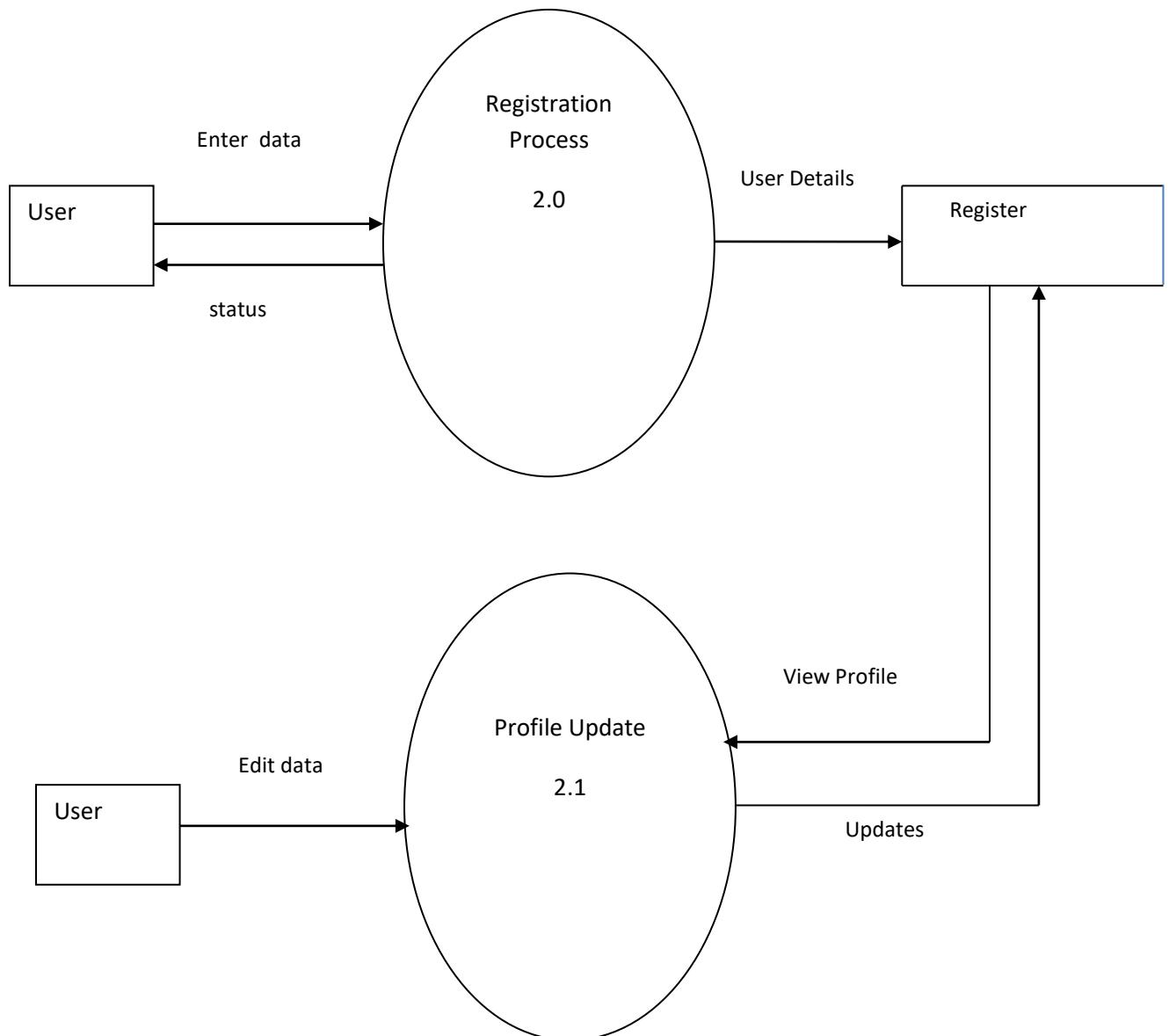


CONTEXT DTAGRAM

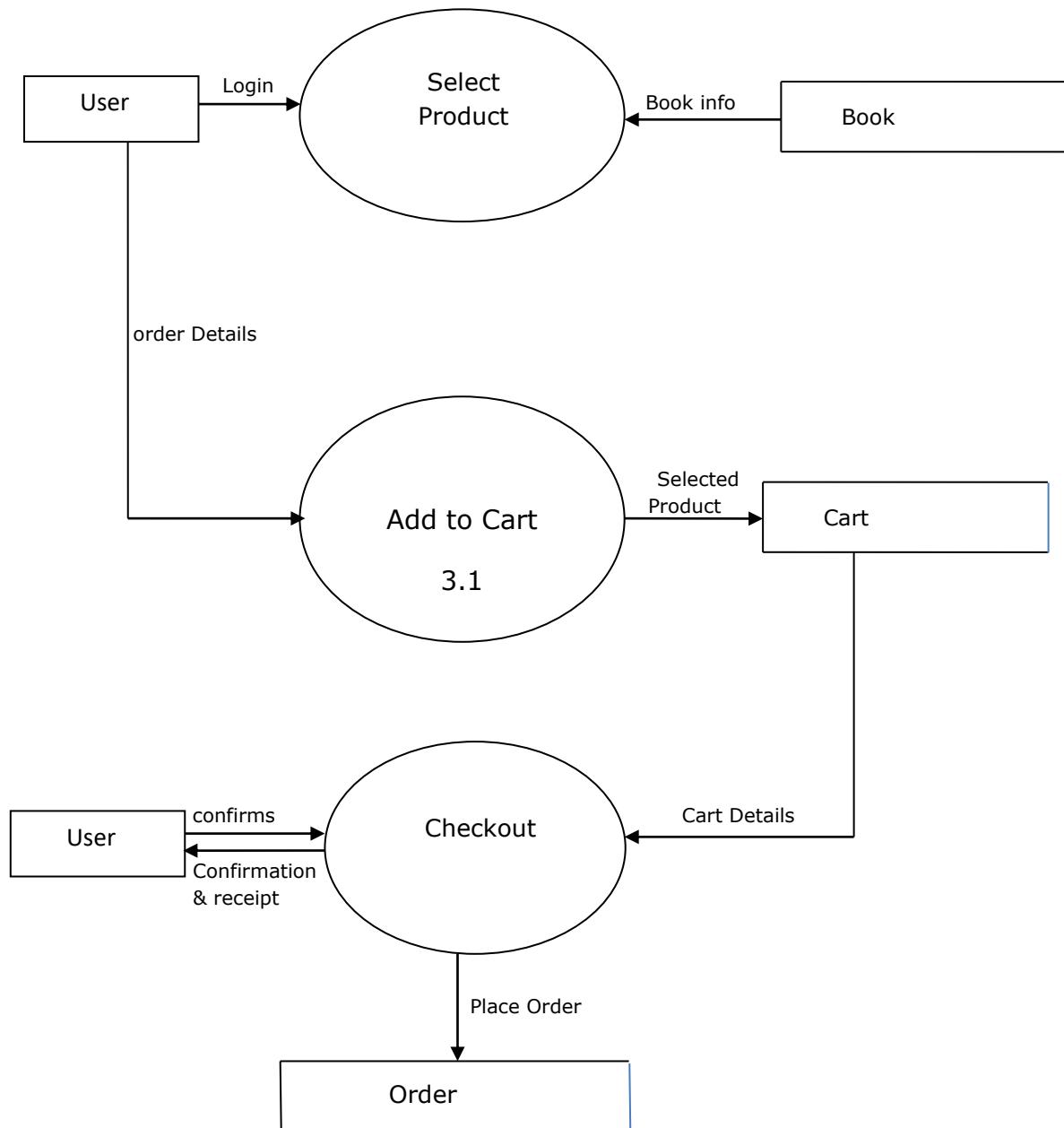
DFD FOR ADMIN PROCESS



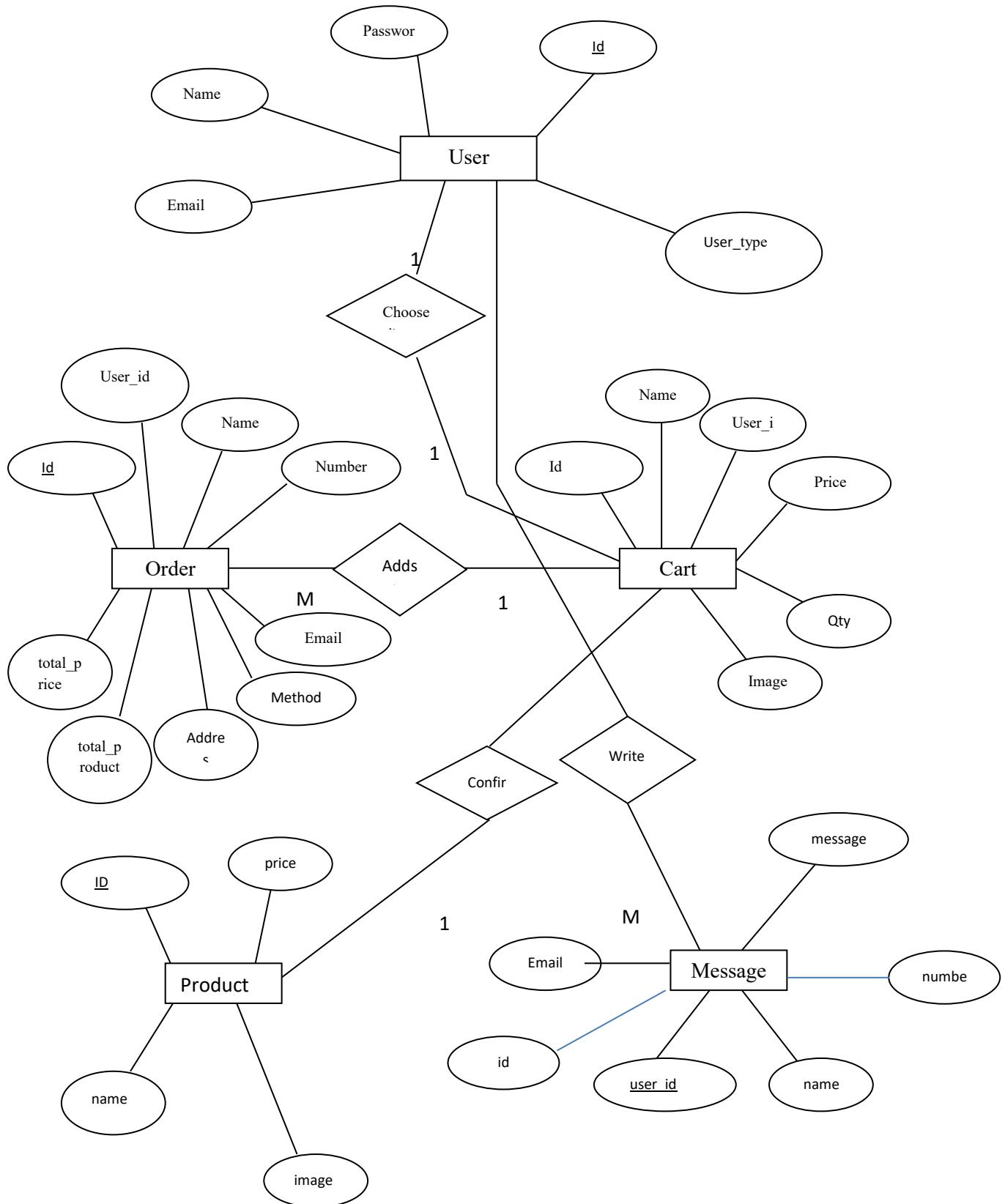
DFD for User Registration and Profile Update



DFD for shopping and checkout process



6.2 ER-Diagram:-



6.3 Data Structure (Tables of Database):-

The general theme behind a database is to handle information as an integrated whole. A database is a collection of inter-related data stored with minimum redundancy to serve single users quickly and efficiently. The general objective is to make information necessary, quick, inexpensive and flexible for the user.

Database Tables

User Table

Field Name	Data Type	Size	Allow Null	Constrain
u_id	int	100	No	PK
name	varchar	100	No	
u_email	varchar	100	No	
u_pwd	varchar	20	No	
User_type	varchar	100	No	

Message Table

Field Name	Data Type	Size	Allow Null	Constrain
id	int	100	No	PK
user_id	int	100	No	
name	varchar	100	No	
email	varchar	100	No	
number	varchar	12	No	
message	varchar	500	No	

Order Table

Field Name	Data Type	Size	Allow Null	Constrain
id	int	100	No	PK
user_id	int	100	No	
name	varchar	100	No	
number	varchar	12	No	
email	varchar	100	No	
method	varchar	50	No	
address	varchar	500	No	
total_products	varchar	1000	No	
total_price	int	100	No	
placed_on	varchar	50	No	
payment_status	varchar	20	No	

Cart Table

Field Name	Data Type	Size	Allow Null	Constrain
id	int	100	No	PK
user_id	int	100	No	
name	varchar	100	No	PK
price	int	100	No	
qty	int	100	No	
image	varchar	100	No	

Products Table

Field Name	Data Type	Size	Allow Null	Constrain
id	int	100	No	PK
name	varchar	100	No	
price	int	100	No	
image	varchar	100	No	

7. Detailed Design:-

7.1 Input / Output Screen of Project

Input Design

Very careful attention had to be given to input design, which is a major part of the overall system design. In order to make the data entry as easy, logical and error free as possible, specific standards had been followed. Validation checks, provided in the system prevented the user in entering incorrect, erroneous data. This made sure that, only valid data had been available for data processing. If valid data was entered, then meaningful error messages had been prompted to enter correct data. The interactive screen formats facilitate the entry of valid data.

Input design objectives:

The numbers of clear objectives of input design are,

- To produce a cost effective method of input
- To achieve the highest possible level of accuracy
- To ensure that the input is acceptable to and understand by the user staff

Output design:

Output, as you probably know, generally refers to the results and information that are generated by the system. For many end-users, output is the main reason for developing the system and the basis on which they will evaluate the usefulness of the application. Most end users will not actually operate the information system or enter data through workstations, but they will use the output from the system.

When designing output, systems analysts must accomplish the following.

- Determine what information to present
- Decide whether to display, print, or “speak” the information and select the output medium.
- Arrange the presentation of information in an acceptable format.
- Decide how to distribute the output to intended recipients.

That alignment of information on a display or printed document is termed as layout.

Accomplishing the general activities listed above will require specific decisions, such as whether to use preprinted forms when preparing reports and documents, how many lines to plan on a printed page, or whether to use graphics and color.

The output design is specified on layout performs, sheets that describe the location characteristics, and format of the column headings and pagination. As we indicated at the beginning of this discussion, these elements are analogous to an architect's blue print that shows the location of the each component.

7.2 Validation checks:

- **Data type check.** The first is the field type check, which ensures that, for example, letters are not inserted in a field for numbers only. Another constituent of this check is input validation making sure that the input is error-free and does not have logical mistakes.
- **Code check.** This includes checks for required fields (ensuring that all the mandatory fields are filled) and attributes validation (verifying information against a list of attributes and seeing if the required attributes match).
- **Range check.** Also known as an attribute range check, this ensures that attributes stay within a certain range of values.
- **Format check.** This type of check ensures that inputted records precisely fit the predefined format. For example, an international phone number has a fixed format: + country code – (area code) – 3-digit prefix – 4-digit subscriber number. Any deviations, like the absence of a country code, are considered errors.
- **Consistency check.** This involves verifying data against a list of values that contain formatting rules and seeing if specified properties match. This check confirms that the input is logically consistent.
- **Uniqueness check.** This includes checking the uniqueness of specific attributes, such as brands, serial numbers, or Manufacturer Part Number (Mpn), and making sure they are not entered into a database more than once.

7.3 Program Code:-

Home.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

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

    $product_name = $_POST['product_name'];
    $product_price = $_POST['product_price'];
    $product_image = $_POST['product_image'];
    $product_quantity = $_POST['product_quantity'];

    $check_cart_numbers = mysqli_query($conn, "SELECT * FROM `cart` WHERE name = '$product_name' AND user_id = '$user_id'"") or die('query failed');

    if(mysqli_num_rows($check_cart_numbers) > 0){
        $message[] = 'already added to cart!';
    } else{
        mysqli_query($conn, "INSERT INTO `cart`(user_id, name, price, quantity, image)
VALUES('$user_id', '$product_name', '$product_price', '$product_quantity', '$product_image')") or
die('query failed');
        $message[] = 'product added to cart!';
    }
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>home</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
```

```

<!-- custom css file link -->
<link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php include 'header.php'; ?>

<section class="home">

<div class="content">
    <h3>Hand Picked Book to your door.</h3>
    <p></p>
    <a href="about.php" class="white-btn">discover more</a>
</div>

</section>

<section class="products">

<h1 class="title">latest products</h1>

<div class="box-container">

<?php
    $select_products = mysqli_query($conn, "SELECT * FROM `products` LIMIT 6") or die('query failed');
    if(mysqli_num_rows($select_products) > 0){
        while($fetch_products = mysqli_fetch_assoc($select_products)){
            ?>
            <form action="" method="post" class="box">
                
                <div class="name"><?php echo $fetch_products['name']; ?></div>
                <div class="price">$<?php echo $fetch_products['price']; ?></div>
                <input type="number" min="1" name="product_quantity" value="1" class="qty">
                <input type="hidden" name="product_name" value="<?php echo $fetch_products['name']; ?>">
                <input type="hidden" name="product_price" value="<?php echo $fetch_products['price']; ?>">
                <input type="hidden" name="product_image" value="<?php echo $fetch_products['image']; ?>">
                <input type="submit" value="add to cart" name="add_to_cart" class="btn">
            </form>
            <?php
        }
    }else{
        echo '<p class="empty">no products added yet!</p>';
    }
?>
</div>

```

```

<div class="load-more" style="margin-top: 2rem; text-align:center">
    <a href="shop.php" class="option-btn">load more</a>
</div>

</section>

<section class="about">

    <div class="flex">

        <div class="image">
            
        </div>

        <div class="content">
            <h3>about us</h3>
            <p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit quos enim minima ipsa dicta officia corporis ratione saepe sed adipisci?</p>
            <a href="about.php" class="btn">read more</a>
        </div>

    </div>

</section>

<section class="home-contact">

    <div class="content">
        <h3>have any questions?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Atque cumque exercitationem repellendus, amet ullam voluptatibus?</p>
        <a href="contact.php" class="white-btn">contact us</a>
    </div>

</section>

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>

```

Login.php:-

```
<?php

include 'config.php';
session_start();

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

    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $pass = mysqli_real_escape_string($conn, md5($_POST['password']));

    $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE email = '$email' AND password = '$pass'" ) or die('query failed');

    if(mysqli_num_rows($select_users) > 0){

        $row = mysqli_fetch_assoc($select_users);

        if($row['user_type'] == 'admin'){

            $_SESSION['admin_name'] = $row['name'];
            $_SESSION['admin_email'] = $row['email'];
            $_SESSION['admin_id'] = $row['id'];
            header('location:admin_page.php');

        }elseif($row['user_type'] == 'user'){

            $_SESSION['user_name'] = $row['name'];
            $_SESSION['user_email'] = $row['email'];
            $_SESSION['user_id'] = $row['id'];
            header('location:home.php');

        }

    }else{
        $message[] = 'incorrect email or password!';
    }
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```

<title>login</title>

<!-- font awesome cdn link -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

<!-- custom css file link -->
<link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php
if(isset($message)){
    foreach($message as $message){
        echo '
        <div class="message">
            <span>'.$message.'</span>
            <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
        </div>
        ';
    }
}
?>

<div class="form-container">

<form action="" method="post">
    <h3>login now</h3>
    <input type="email" name="email" placeholder="enter your email" required class="box">
    <input type="password" name="password" placeholder="enter your password" required class="box">
    <input type="submit" name="submit" value="login now" class="btn">
    <p>don't have an account? <a href="register.php">register now</a></p>
</form>

</div>

</body>
</html>

```

Logout.php:-

```
<?php

include 'config.php';

session_start();
session_unset();
session_destroy();

header('location:login.php');

?>
```

Order.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>orders</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
<body>
```

```

<?php include 'header.php'; ?>

<div class="heading">
    <h3>your orders</h3>
    <p> <a href="home.php">home</a> / orders </p>
</div>

<section class="placed-orders">

    <h1 class="title">placed orders</h1>

    <div class="box-container">

        <?php
            $order_query = mysqli_query($conn, "SELECT * FROM `orders` WHERE user_id = '$user_id'" or
die('query failed'));
            if(mysqli_num_rows($order_query) > 0){
                while($fetch_orders = mysqli_fetch_assoc($order_query)){
                    ?
                    <div class="box">
                        <p> placed on : <span><?php echo $fetch_orders['placed_on']; ?></span> </p>
                        <p> name : <span><?php echo $fetch_orders['name']; ?></span> </p>
                        <p> number : <span><?php echo $fetch_orders['number']; ?></span> </p>
                        <p> email : <span><?php echo $fetch_orders['email']; ?></span> </p>
                        <p> address : <span><?php echo $fetch_orders['address']; ?></span> </p>
                        <p> payment method : <span><?php echo $fetch_orders['method']; ?></span> </p>
                        <p> your orders : <span><?php echo $fetch_orders['total_products']; ?></span> </p>
                        <p> total price : <span>$<?php echo $fetch_orders['total_price']; ?>/-</span> </p>
                        <p> payment status : <span style="color:<?php if($fetch_orders['payment_status'] == 'pending'){

echo 'red'; } else{ echo 'green'; } ?>;"><?php echo $fetch_orders['payment_status']; ?></span> </p>
                    </div>
                    <?php
                    ?
                    }else{
                        echo '<p class="empty">no orders placed yet!</p>';
                    }
                    ?
                </div>

            </?php
        </div>

    </section>

    <?php include 'footer.php'; ?>

    <!-- custom js file link -->
    <script src="js/script.js"></script>

</body>
</html>

```

Register.php:-

```
<?php

include 'config.php';

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

    $name = mysqli_real_escape_string($conn, $_POST['name']);
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $pass = mysqli_real_escape_string($conn, md5($_POST['password']));
    $cpass = mysqli_real_escape_string($conn, md5($_POST['cpassword']));
    $user_type = $_POST['user_type'];

    $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE email = '$email' AND password = '$pass'" ) or die('query failed');

    if(mysqli_num_rows($select_users) > 0){
        $message[] = 'user already exist!';
    }else{
        if($pass != $cpass){
            $message[] = 'confirm password not matched!';
        }else{
            mysqli_query($conn, "INSERT INTO `users`(`name, email, password, user_type) VALUES('$name', '$email', '$cpass', '$user_type')") or die('query failed');
            $message[] = 'registered successfully!';
            header('location:login.php');
        }
    }
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>register</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
```

```

<body>

<?php
if(isset($message)){
    foreach($message as $message){
        echo '
            <div class="message">
                <span>'.$message.'</span>
                <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
            </div>
        ';
    }
}
?>

<div class="form-container">

<form action="" method="post">
    <h3>register now</h3>
    <input type="text" name="name" placeholder="enter your name" required class="box">
    <input type="email" name="email" placeholder="enter your email" required class="box">
    <input type="password" name="password" placeholder="enter your password" required class="box">
    <input type="password" name="cpassword" placeholder="confirm your password" required
    class="box">
    <select name="user_type" class="box">
        <option value="user">user</option>
    </select>
    <input type="submit" name="submit" value="register now" class="btn">
    <p>already have an account? <a href="login.php">login now</a></p>
</form>

</div>

</body>
</html>

```

Search_page.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
};

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

    $product_name = $_POST['product_name'];
    $product_price = $_POST['product_price'];
    $product_image = $_POST['product_image'];
    $product_quantity = $_POST['product_quantity'];

    $check_cart_numbers = mysqli_query($conn, "SELECT * FROM `cart` WHERE name =
'$product_name' AND user_id = '$user_id'" or die('query failed');

    if(mysqli_num_rows($check_cart_numbers) > 0){
        $message[] = 'already added to cart!';
    }else{
        mysqli_query($conn, "INSERT INTO `cart`(user_id, name, price, quantity, image)
VALUES('$user_id', '$product_name', '$product_price', '$product_quantity', '$product_image')") or
die('query failed');
        $message[] = 'product added to cart!';
    }
};

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>search page</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
```

```

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

</head>
<body>

<?php include 'header.php'; ?>

<div class="heading">
    <h3>search page</h3>
    <p><a href="home.php">home</a> / search </p>
</div>

<section class="search-form">
    <form action="" method="post">
        <input type="text" name="search" placeholder="search products..." class="box">
        <input type="submit" name="submit" value="search" class="btn">
    </form>
</section>

<section class="products" style="padding-top: 0;">

    <div class="box-container">
        <?php
            if(isset($_POST['submit'])){
                $search_item = $_POST['search'];
                $select_products = mysqli_query($conn, "SELECT * FROM `products` WHERE name LIKE '%{$search_item}%'") or die('query failed');
                if(mysqli_num_rows($select_products) > 0){
                    while($fetch_product = mysqli_fetch_assoc($select_products)){
                        ?>
                        <form action="" method="post" class="box">
                            
                            <div class="name"><?php echo $fetch_product['name']; ?></div>
                            <div class="price">$<?php echo $fetch_product['price']; ?>/</div>
                            <input type="number" class="qty" name="product_quantity" min="1" value="1">
                            <input type="hidden" name="product_name" value="<?php echo $fetch_product['name']; ?>">
                            <input type="hidden" name="product_price" value="<?php echo $fetch_product['price']; ?>">
                            <input type="hidden" name="product_image" value="<?php echo $fetch_product['image']; ?>">
                            <input type="submit" class="btn" value="add to cart" name="add_to_cart">
                        </form>
                    <?php
                        }
                    }else{
                        echo '<p class="empty">no result found!</p>';
                    }
                }else{
                    echo '<p class="empty">search something!</p>';
                }
            ?>
    </div>

```

```
</section>

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>
```

Shop_db.sql:-

```
-- phpMyAdmin SQL Dump

-- version 5.1.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 03, 2022 at 01:54 PM
-- Server version: 10.4.22-MariaDB
-- PHP Version: 8.1.2

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `shop_db`
--



-----
```

```
-- Table structure for table `cart`
-- 

CREATE TABLE `cart` (
  `id` int(100) NOT NULL,
  `user_id` int(100) NOT NULL,
  `name` varchar(100) NOT NULL,
  `price` int(100) NOT NULL,
  `quantity` int(100) NOT NULL,
  `image` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----


-- 
-- Table structure for table `message`


CREATE TABLE `message` (
  `id` int(100) NOT NULL,
  `user_id` int(100) NOT NULL,
  `name` varchar(100) NOT NULL,
  `email` varchar(100) NOT NULL,
  `number` varchar(12) NOT NULL,
  `message` varchar(500) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----


-- 
-- Table structure for table `orders`


CREATE TABLE `orders` (
  `id` int(100) NOT NULL,
  `user_id` int(100) NOT NULL,
  `name` varchar(100) NOT NULL,
  `number` varchar(12) NOT NULL,
  `email` varchar(100) NOT NULL,
  `method` varchar(50) NOT NULL,
  `address` varchar(500) NOT NULL,
  `total_products` varchar(1000) NOT NULL,
  `total_price` int(100) NOT NULL,
  `placed_on` varchar(50) NOT NULL,
  `payment_status` varchar(20) NOT NULL DEFAULT 'pending'
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
-- Table structure for table `products`  
--  
  
CREATE TABLE `products` (  
  `id` int(100) NOT NULL,  
  `name` varchar(100) NOT NULL,  
  `price` int(100) NOT NULL,  
  `image` varchar(100) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
-----  
  
--  
  
-- Table structure for table `users`  
--  
  
CREATE TABLE `users` (  
  `id` int(100) NOT NULL,  
  `name` varchar(100) NOT NULL,  
  `email` varchar(100) NOT NULL,  
  `password` varchar(100) NOT NULL,  
  `user_type` varchar(20) NOT NULL DEFAULT 'user'  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
--  
-- Indexes for dumped tables  
--  
  
--  
-- Indexes for table `cart`  
--  
ALTER TABLE `cart`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `message`  
--  
ALTER TABLE `message`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `orders`  
--  
ALTER TABLE `orders`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `products`  
--  
ALTER TABLE `products`
```

```

ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `users`
-- 

ALTER TABLE `users`
    ADD PRIMARY KEY (`id`);


-- 
-- AUTO_INCREMENT for dumped tables
-- 

-- 
-- AUTO_INCREMENT for table `cart`
-- 

ALTER TABLE `cart`
    MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=57;

-- 
-- AUTO_INCREMENT for table `message`
-- 

ALTER TABLE `message`
    MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

-- 
-- AUTO_INCREMENT for table `orders`
-- 

ALTER TABLE `orders`
    MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

-- 
-- AUTO_INCREMENT for table `products`
-- 

ALTER TABLE `products`
    MODIFY `id` int(100) NOT NULL AUTO_INCREMENT;

-- 
-- AUTO_INCREMENT for table `users`
-- 

ALTER TABLE `users`
    MODIFY `id` int(100) NOT NULL AUTO_INCREMENT;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Shop.php:-

```
-- phpMyAdmin SQL Dump

-- version 5.1.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 03, 2022 at 01:54 PM
-- Server version: 10.4.22-MariaDB
-- PHP Version: 8.1.2

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

-- Database: `shop_db`


-----


-- Table structure for table `cart`


CREATE TABLE `cart` (
  `id` int(100) NOT NULL,
  `user_id` int(100) NOT NULL,
  `name` varchar(100) NOT NULL,
  `price` int(100) NOT NULL,
  `quantity` int(100) NOT NULL,
  `image` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----


-- Table structure for table `message`


CREATE TABLE `message` (
  `id` int(100) NOT NULL,
  `user_id` int(100) NOT NULL,
```

```

`name` varchar(100) NOT NULL,
`email` varchar(100) NOT NULL,
`number` varchar(12) NOT NULL,
`message` varchar(500) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----
-- Table structure for table `orders`
-----

CREATE TABLE `orders` (
`id` int(100) NOT NULL,
`user_id` int(100) NOT NULL,
`name` varchar(100) NOT NULL,
`number` varchar(12) NOT NULL,
`email` varchar(100) NOT NULL,
`method` varchar(50) NOT NULL,
`address` varchar(500) NOT NULL,
`total_products` varchar(1000) NOT NULL,
`total_price` int(100) NOT NULL,
`placed_on` varchar(50) NOT NULL,
`payment_status` varchar(20) NOT NULL DEFAULT 'pending'
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----
-- Table structure for table `products`
-----

CREATE TABLE `products` (
`id` int(100) NOT NULL,
`name` varchar(100) NOT NULL,
`price` int(100) NOT NULL,
`image` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-----
-- Table structure for table `users`
-----

CREATE TABLE `users` (
`id` int(100) NOT NULL,
`name` varchar(100) NOT NULL,
`email` varchar(100) NOT NULL,
`password` varchar(100) NOT NULL,

```

```
'user_type' varchar(20) NOT NULL DEFAULT 'user'  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
--  
-- Indexes for dumped tables  
--  
  
--  
-- Indexes for table `cart`  
--  
ALTER TABLE `cart`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `message`  
--  
ALTER TABLE `message`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `orders`  
--  
ALTER TABLE `orders`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `products`  
--  
ALTER TABLE `products`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `users`  
--  
ALTER TABLE `users`  
ADD PRIMARY KEY (`id`);  
  
--  
-- AUTO_INCREMENT for dumped tables  
--  
  
--  
-- AUTO_INCREMENT for table `cart`  
--  
ALTER TABLE `cart`  
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=57;  
  
--  
-- AUTO_INCREMENT for table `message`  
--
```

```

ALTER TABLE `message`
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

-- 
-- AUTO_INCREMENT for table `orders`
--

ALTER TABLE `orders`
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

-- 
-- AUTO_INCREMENT for table `products`
--

ALTER TABLE `products`
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT;

-- 
-- AUTO_INCREMENT for table `users`
--

ALTER TABLE `users`
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```

Verified.php:-

```

<?php

include 'config.php';
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;

require 'phpmailer/src/PHPMailer.php';
require 'phpmailer/src/Exception.php';
require 'phpmailer/src/SMTP.php';
session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

```

```

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

    $name = mysqli_real_escape_string($conn, $_POST['name']);
    $number = $_POST['number'];
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $method = mysqli_real_escape_string($conn, $_POST['method']);
    $address = mysqli_real_escape_string($conn, 'flat no. ' . $_POST['flat'] . ', ' . $_POST['street'] . ', ' .
$_POST['city'] . ', ' . $_POST['country'] . ' - ' . $_POST['pin_code']);
    $placed_on = date('d-M-Y');

    $cart_total = 0;
    $cart_products[] = "";

    $cart_query = mysqli_query($conn, "SELECT * FROM `cart` WHERE user_id = '$user_id'") or
die('query failed');
    if(mysqli_num_rows($cart_query) > 0){
        while($cart_item = mysqli_fetch_assoc($cart_query)){
            $cart_products[] = $cart_item['name']. ' (' . $cart_item['quantity'] . ')';
            $sub_total = ($cart_item['price'] * $cart_item['quantity']);
            $cart_total += $sub_total;
        }
    }

    $total_products = implode(', ', $cart_products);

    $order_query = mysqli_query($conn, "SELECT * FROM `orders` WHERE name = '$name' AND
number = '$number' AND email = '$email' AND method = '$method' AND address = '$address' AND
total_products = '$total_products' AND total_price = '$cart_total'" ) or die('query failed');

    if($cart_total == 0){
        $message[] = 'your cart is empty';
    }else{
        if(mysqli_num_rows($order_query) > 0){
            $message[] = 'order already placed!';
        }else{
            mysqli_query($conn, "INSERT INTO `orders`(user_id, name, number, email, method, address,
total_products, total_price, placed_on) VALUES('$user_id', '$name', '$number', '$email', '$method',
'$address', '$total_products', '$cart_total', '$placed_on')") or die('query failed');
            $message[] = 'order placed successfully!';
            mysqli_query($conn, "DELETE FROM `cart` WHERE user_id = '$user_id'" ) or die('query failed');
        }
    }

// Check if the form has been submitted
}

```

```

if($_SERVER['REQUEST_METHOD'] == 'POST') {

    // Get the user's email address from the form field
    $email = $_POST['email'];

    // Connect to the database
    $conn = mysqli_connect('localhost', 'root', "", 'shop_db');

    // Insert the order data into the database
    // ...

    // Send the email confirmation
    $mail = new PHPMailer(true);

    try {
        //Server settings
        $mail->SMTPDebug = 0;
        $mail->isSMTP();
        $mail->Host      = 'smtp.gmail.com';
        $mail->SMTPAuth  = true;
        $mail->Username   = 'vipintwari1234@gmail.com';
        $mail->Password   = 'vjsjsssltltcbjjs';
        $mail->SMTPSecure = 'tls';
        $mail->Port       = 587;

        //Recipients
        $mail->setFrom('vipintwari1234@gmail.com', 'VIPIN ');
        $mail->addAddress($email);

        //Content
        $mail->isHTML(true);
        $mail->Subject = 'Order Confirmation';
        $mail->Body   = 'Thank you for your order!';

        $mail->send();
        echo '<script>alert("Your order has been confirmed!");</script>';
    } catch (Exception $e) {
        echo '<script>alert("Error: ' . $mail->ErrorInfo . '");</script>';
    }

    mysqli_close($conn);
}
?>

```

About.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>about</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php include 'header.php'; ?>

<div class="heading">
    <h3>about us</h3>
    <p><a href="home.php">home</a> / about </p>
</div>

<section class="about">

    <div class="flex">

        <div class="image">
            
        </div>

        <div class="content">
```

```

<h3>why choose us?</h3>
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eveniet voluptatibus aut hic molestias, reiciendis natus fuga, cumque excepturi veniam ratione iure. Excepturi fugiat placeat iusto facere id officia assumenda temporibus?</p>
<p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit quos enim minima ipsa dicta officia corporis ratione saepe sed adipisci?</p>
<a href="contact.php" class="btn">contact us</a>
</div>

</div>

</section>

<section class="reviews">

<h1 class="title">client's reviews</h1>

<div class="box-container">

<div class="box">

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudiandae dolore placeat.</p>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<h3>john deo</h3>
</div>

<div class="box">

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudiandae dolore placeat.</p>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<h3>john deo</h3>
</div>

<div class="box">


```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudianda dolore placeat.</p>
<div class="stars">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star-half-alt"></i>
</div>
<h3>john deo</h3>
</div>

<div class="box">
    
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudianda dolore placeat.</p>
    <div class="stars">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star-half-alt"></i>
    </div>
    <h3>john deo</h3>
</div>

<div class="box">
    
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudianda dolore placeat.</p>
    <div class="stars">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star-half-alt"></i>
    </div>
    <h3>john deo</h3>
</div>

<div class="box">
    
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt ad, quo labore fugiat nam accusamus quia. Ducimus repudianda dolore placeat.</p>
    <div class="stars">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star-half-alt"></i>
    </div>

```

```

        </div>
        <h3>john deo</h3>
    </div>

</div>

</section>

<section class="authors">

    <h1 class="title">greate authors</h1>

    <div class="box-container">

        <div class="box">
            
            <div class="share">
                <a href="#" class="fab fa-facebook-f"></a>
                <a href="#" class="fab fa-twitter"></a>
                <a href="#" class="fab fa-instagram"></a>
                <a href="#" class="fab fa-linkedin"></a>
            </div>
            <h3>john deo</h3>
        </div>

        <div class="box">
            
            <div class="share">
                <a href="#" class="fab fa-facebook-f"></a>
                <a href="#" class="fab fa-twitter"></a>
                <a href="#" class="fab fa-instagram"></a>
                <a href="#" class="fab fa-linkedin"></a>
            </div>
            <h3>john deo</h3>
        </div>

        <div class="box">
            
            <div class="share">
                <a href="#" class="fab fa-facebook-f"></a>
                <a href="#" class="fab fa-twitter"></a>
                <a href="#" class="fab fa-instagram"></a>
                <a href="#" class="fab fa-linkedin"></a>
            </div>
            <h3>john deo</h3>
        </div>

        <div class="box">
            
            <div class="share">

```

```

<a href="#" class="fab fa-facebook-f"></a>
<a href="#" class="fab fa-twitter"></a>
<a href="#" class="fab fa-instagram"></a>
<a href="#" class="fab fa-linkedin"></a>
</div>
<h3>john deo</h3>
</div>

<div class="box">

<div class="share">
<a href="#" class="fab fa-facebook-f"></a>
<a href="#" class="fab fa-twitter"></a>
<a href="#" class="fab fa-instagram"></a>
<a href="#" class="fab fa-linkedin"></a>
</div>
<h3>john deo</h3>
</div>

<div class="box">

<div class="share">
<a href="#" class="fab fa-facebook-f"></a>
<a href="#" class="fab fa-twitter"></a>
<a href="#" class="fab fa-instagram"></a>
<a href="#" class="fab fa-linkedin"></a>
</div>
<h3>john deo</h3>
</div>

</div>

</section>

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>
```

Add_to_card.php:-

```
<?php  
  
include 'config.php'  
  
?>
```

Admin_contect.php:-

```
<?php  
  
include 'config.php';  
  
session_start();  
  
$admin_id = $_SESSION['admin_id'];  
  
if(!isset($admin_id)){  
    header('location:login.php');  
}  
  
if(isset($_GET['delete'])){  
    $delete_id = $_GET['delete'];  
    mysqli_query($conn, "DELETE FROM `message` WHERE id = '$delete_id'") or die('query failed');  
    header('location:admin_contacts.php');  
}  
  
?>  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>messages</title>  
  
    <!-- font awesome cdn link -->  
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">  
  
    <!-- custom admin css file link -->  
    <link rel="stylesheet" href="css/admin_style.css">  
  
</head>  
<body>
```

```

<?php include 'admin_header.php'; ?>

<section class="messages">

    <h1 class="title"> messages </h1>

    <div class="box-container">
        <?php
            $select_message = mysqli_query($conn, "SELECT * FROM `message`") or die('query failed');
            if(mysqli_num_rows($select_message) > 0){
                while($fetch_message = mysqli_fetch_assoc($select_message)){
                    ?>
                    <div class="box">
                        <p> user id : <span><?php echo $fetch_message['user_id']; ?></span> </p>
                        <p> name : <span><?php echo $fetch_message['name']; ?></span> </p>
                        <p> number : <span><?php echo $fetch_message['number']; ?></span> </p>
                        <p> email : <span><?php echo $fetch_message['email']; ?></span> </p>
                        <p> message : <span><?php echo $fetch_message['message']; ?></span> </p>
                        <a href="admin_contacts.php?delete=<?php echo $fetch_message['id']; ?>" onclick="return
                            confirm('delete this message?');" class="delete-btn">delete message</a>
                    </div>
                    <?php
                        ?>;
                    }else{
                        echo '<p class="empty">you have no messages!</p>';
                    }
                    ?>
                </div>
            }
        </?section>

        <!-- custom admin js file link -->
        <script src="js/admin_script.js"></script>

    </body>
</html>

```

Admin_header.php:-

```
<?php

if(isset($message)){
    foreach($message as $message){
        echo '
<div class="message">
    <span>' . $message . '</span>
    <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
</div>
';
    }
}
?>

<header class="header">

<div class="flex">

<a href="admin_page.php" class="logo">Admin<span>Panel</span></a>

<nav class="navbar">
    <a href="admin_page.php">home</a>
    <a href="admin_products.php">products</a>
    <a href="admin_orders.php">orders</a>
    <a href="admin_users.php">users</a>
    <a href="admin_contacts.php">messages</a>
</nav>

<div class="icons">
    <div id="menu-btn" class="fas fa-bars"></div>
    <div id="user-btn" class="fas fa-user"></div>
</div>

<div class="account-box">
    <p>username : <span><?php echo $_SESSION['admin_name']; ?></span></p>
    <p>email : <span><?php echo $_SESSION['admin_email']; ?></span></p>
    <a href="logout.php" class="delete-btn">logout</a>
    <div>new <a href="login.php">login</a> | <a href="register.php">register</a></div>
</div>

</div>

</header>
```

Admin_order.php:-

```
<?php

include 'config.php';

session_start();

$admin_id = $_SESSION['admin_id'];

if(!isset($admin_id)){
    header('location:login.php');
}

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

    $order_update_id = $_POST['order_id'];
    $update_payment = $_POST['update_payment'];
    mysqli_query($conn, "UPDATE `orders` SET payment_status = '$update_payment' WHERE id = '$order_update_id'" ) or die('query failed');
    $message[] = 'payment status has been updated!';

}

if(isset($_GET['delete'])){

    $delete_id = $_GET['delete'];
    mysqli_query($conn, "DELETE FROM `orders` WHERE id = '$delete_id'" ) or die('query failed');
    header('location:admin_orders.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>orders</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom admin css file link -->
    <link rel="stylesheet" href="css/admin_style.css">

</head>
<body>
```

```

<?php include 'admin_header.php'; ?>

<section class="orders">

    <h1 class="title">placed orders</h1>

    <div class="box-container">
        <?php
            $select_orders = mysqli_query($conn, "SELECT * FROM `orders`") or die('query failed');
            if(mysqli_num_rows($select_orders) > 0){
                while($fetch_orders = mysqli_fetch_assoc($select_orders)){
                    ?>
                    <div class="box">
                        <p> user id : <span><?php echo $fetch_orders['user_id']; ?></span> </p>
                        <p> placed on : <span><?php echo $fetch_orders['placed_on']; ?></span> </p>
                        <p> name : <span><?php echo $fetch_orders['name']; ?></span> </p>
                        <p> number : <span><?php echo $fetch_orders['number']; ?></span> </p>
                        <p> email : <span><?php echo $fetch_orders['email']; ?></span> </p>
                        <p> address : <span><?php echo $fetch_orders['address']; ?></span> </p>
                        <p> total products : <span><?php echo $fetch_orders['total_products']; ?></span> </p>
                        <p> total price : <span>$<?php echo $fetch_orders['total_price']; ?>/-</span> </p>
                        <p> payment method : <span><?php echo $fetch_orders['method']; ?></span> </p>
                    <form action="" method="post">
                        <input type="hidden" name="order_id" value="<?php echo $fetch_orders['id']; ?>">
                        <select name="update_payment">
                            <option value="" selected disabled><?php echo $fetch_orders['payment_status']; ?></option>
                            <option value="pending">pending</option>
                            <option value="completed">completed</option>
                        </select>
                        <input type="submit" value="update" name="update_order" class="option-btn">
                        <a href="admin_orders.php?delete=<?php echo $fetch_orders['id']; ?>" onclick="return confirm('delete this order?');" class="delete-btn">delete</a>
                    </form>
                </div>
                <?php
                    }
                }else{
                    echo '<p class="empty">no orders placed yet!</p>';
                }
            ?>
        </div>
    </section>

```

```
<!-- custom admin js file link -->
<script src="js/admin_script.js"></script>

</body>
</html>
```

Admin_page.php:-

```
<?php

include 'config.php';

session_start();

$admin_id = $_SESSION['admin_id'];

if(!isset($admin_id)){
    header('location:login.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>admin panel</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom admin css file link -->
    <link rel="stylesheet" href="css/admin_style.css">

</head>
<body>

<?php include 'admin_header.php'; ?>
```

```

<!-- admin dashboard section starts -->

<section class="dashboard">

    <h1 class="title">dashboard</h1>

    <div class="box-container">

        <div class="box">
            <?php
                $total_pendings = 0;
                $select_pending = mysqli_query($conn, "SELECT total_price FROM `orders` WHERE payment_status = 'pending'") or die('query failed');
                if(mysqli_num_rows($select_pending) > 0){
                    while($fetch_pendings = mysqli_fetch_assoc($select_pending)){
                        $total_price = $fetch_pendings['total_price'];
                        $total_pendings += $total_price;
                    };
                };
            ?>
            <h3>$<?php echo $total_pendings; ?>/-</h3>
            <p>total pending</p>
        </div>

        <div class="box">
            <?php
                $total_completed = 0;
                $select_completed = mysqli_query($conn, "SELECT total_price FROM `orders` WHERE payment_status = 'completed'") or die('query failed');
                if(mysqli_num_rows($select_completed) > 0){
                    while($fetch_completed = mysqli_fetch_assoc($select_completed)){
                        $total_price = $fetch_completed['total_price'];
                        $total_completed += $total_price;
                    };
                };
            ?>
            <h3>$<?php echo $total_completed; ?>/-</h3>
            <p>completed payments</p>
        </div>

        <div class="box">
            <?php
                $select_orders = mysqli_query($conn, "SELECT * FROM `orders`") or die('query failed');
                $number_of_orders = mysqli_num_rows($select_orders);
            ?>
            <h3><?php echo $number_of_orders; ?></h3>
            <p>order placed</p>
        </div>

        <div class="box">

```

```

<?php
$select_products = mysqli_query($conn, "SELECT * FROM `products`") or die('query failed');
$number_of_products = mysqli_num_rows($select_products);
?>
<h3><?php echo $number_of_products; ?></h3>
<p>products added</p>
</div>

<div class="box">
<?php
$select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE user_type = 'user'"") or
die('query failed');
$number_of_users = mysqli_num_rows($select_users);
?>
<h3><?php echo $number_of_users; ?></h3>
<p>normal users</p>
</div>

<div class="box">
<?php
$select_admins = mysqli_query($conn, "SELECT * FROM `users` WHERE user_type = 'admin'"") or
die('query failed');
$number_of_admins = mysqli_num_rows($select_admins);
?>
<h3><?php echo $number_of_admins; ?></h3>
<p>admin users</p>
</div>

<div class="box">
<?php
$select_account = mysqli_query($conn, "SELECT * FROM `users`") or die('query failed');
$number_of_account = mysqli_num_rows($select_account);
?>
<h3><?php echo $number_of_account; ?></h3>
<p>total accounts</p>
</div>

<div class="box">
<?php
$select_messages = mysqli_query($conn, "SELECT * FROM `message`") or die('query failed');
$number_of_messages = mysqli_num_rows($select_messages);
?>
<h3><?php echo $number_of_messages; ?></h3>
<p>new messages</p>
</div>

</div>

</section>

```

```

<!-- admin dashboard section ends -->

<!-- custom admin js file link -->
<script src="js/admin_script.js"></script>

</body>
</html>

```

Admin_products.php:-

```

<?php

include 'config.php';

session_start();

$admin_id = $_SESSION['admin_id'];

if(!isset($admin_id)){
    header('location:login.php');
};

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

    $name = mysqli_real_escape_string($conn, $_POST['name']);
    $price = $_POST['price'];
    $image = $_FILES['image']['name'];
    $image_size = $_FILES['image']['size'];
    $image_tmp_name = $_FILES['image']['tmp_name'];
    $image_folder = 'uploaded_img/'.$image;

    $select_product_name = mysqli_query($conn, "SELECT name FROM `products` WHERE name = '$name'") or die('query failed');

    if(mysqli_num_rows($select_product_name) > 0){
        $message[] = 'product name already added';
    }else{

```

```

$add_product_query = mysqli_query($conn, "INSERT INTO `products`(`name, price, image)
VALUES('$name', '$price', '$image')") or die('query failed');

if($add_product_query){
    if($image_size > 2000000000000000){
        $message[] = 'image size is too large';
    }else{
        move_uploaded_file($image_tmp_name, $image_folder);
        $message[] = 'product added successfully!';
    }
}else{
    $message[] = 'product could not be added!';
}

if(isset($_GET['delete'])){
    $delete_id = $_GET['delete'];
    $delete_image_query = mysqli_query($conn, "SELECT image FROM `products` WHERE id =
'$delete_id'" ) or die('query failed');
    $fetch_delete_image = mysqli_fetch_assoc($delete_image_query);
    unlink('uploaded_img/'.$fetch_delete_image['image']);
    mysqli_query($conn, "DELETE FROM `products` WHERE id = '$delete_id'" ) or die('query failed');
    header('location:admin_products.php');
}

if(isset($_POST['update_product'])){
    $update_p_id = $_POST['update_p_id'];
    $update_name = $_POST['update_name'];
    $update_price = $_POST['update_price'];

    mysqli_query($conn, "UPDATE `products` SET name = '$update_name', price = '$update_price'
WHERE id = '$update_p_id'" ) or die('query failed');

    $update_image = $_FILES['update_image']['name'];
    $update_image_tmp_name = $_FILES['update_image']['tmp_name'];
    $update_image_size = $_FILES['update_image']['size'];
    $update_folder = 'uploaded_img/'.$update_image;
    $update_old_image = $_POST['update_old_image'];

    if(!empty($update_image)){
        if($update_image_size > 2000000000000000){
            $message[] = 'image file size is too large';
        }else{
            mysqli_query($conn, "UPDATE `products` SET image = '$update_image' WHERE id =
'$update_p_id'" ) or die('query failed');
            move_uploaded_file($update_image_tmp_name, $update_folder);
            unlink('uploaded_img/'.$update_old_image);
        }
    }
}

```

```

}

header('location:admin_products.php');

}

?>

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>products</title>

<!-- font awesome cdn link -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

<!-- custom admin css file link -->
<link rel="stylesheet" href="css/admin_style.css">

</head>
<body>

<?php include 'admin_header.php'; ?>

<!-- product CRUD section starts -->

<section class="add-products">

<h1 class="title">shop products</h1>

<form action="" method="post" enctype="multipart/form-data">
<h3>add product</h3>
<input type="text" name="name" class="box" placeholder="enter product name" required>
<input type="number" min="0" name="price" class="box" placeholder="enter product price" required>
<input type="file" name="image" accept="image/jpg, image/jpeg, image/png" class="box" required>
<input type="submit" value="add product" name="add_product" class="btn">
</form>

</section>

<!-- product CRUD section ends -->

<!-- show products -->

<section class="show-products">

```

```

<div class="box-container">

<?php
$select_products = mysqli_query($conn, "SELECT * FROM `products`") or die('query failed');
if(mysqli_num_rows($select_products) > 0){
    while($fetch_products = mysqli_fetch_assoc($select_products)){
?>
<div class="box">
    
    <div class="name"><?php echo $fetch_products['name']; ?></div>
    <div class="price">$<?php echo $fetch_products['price']; ?>/-</div>
    <a href="admin_products.php?update=<?php echo $fetch_products['id']; ?>" class="option-btn">update</a>
    <a href="admin_products.php?delete=<?php echo $fetch_products['id']; ?>" class="delete-btn" onclick="return confirm('delete this product?');">delete</a>
</div>
<?php
    }
} else{
    echo '<p class="empty">no products added yet!</p>';
}
?>
</div>

</section>

<section class="edit-product-form">

<?php
if(isset($_GET['update'])){
    $update_id = $_GET['update'];
    $update_query = mysqli_query($conn, "SELECT * FROM `products` WHERE id = '$update_id'" ) or die('query failed');
    if(mysqli_num_rows($update_query) > 0){
        while($fetch_update = mysqli_fetch_assoc($update_query)){
?>
<form action="" method="post" enctype="multipart/form-data">
    <input type="hidden" name="update_p_id" value="<?php echo $fetch_update['id']; ?>">
    <input type="hidden" name="update_old_image" value="<?php echo $fetch_update['image']; ?>">
    
    <input type="text" name="update_name" value="<?php echo $fetch_update['name']; ?>" class="box" required placeholder="enter product name">
    <input type="number" name="update_price" value="<?php echo $fetch_update['price']; ?>" min="0" class="box" required placeholder="enter product price">
    <input type="file" class="box" name="update_image" accept="image/jpg, image/jpeg, image/png">
    <input type="submit" value="update" name="update_product" class="btn">
    <input type="reset" value="cancel" id="close-update" class="option-btn">
</form>
<?php
    }
}

```

```

        }
    }else{
        echo '<script>document.querySelector(".edit-product-form").style.display = "none";</script>';
    }
?>

</section>

<!-- custom admin js file link -->
<script src="js/admin_script.js"></script>

</body>
</html>

```

Admin_users.php:-

```

<?php

include 'config.php';

session_start();

$admin_id = $_SESSION['admin_id'];

if(!isset($admin_id)){
    header('location:login.php');
}

if(isset($_GET['delete'])){
    $delete_id = $_GET['delete'];
    mysqli_query($conn, "DELETE FROM `users` WHERE id = '$delete_id'") or die('query failed');
    header('location:admin_users.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<title>users</title>

<!-- font awesome cdn link -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

<!-- custom admin css file link -->
<link rel="stylesheet" href="css/admin_style.css">

</head>
<body>

<?php include 'admin_header.php'; ?>

<section class="users">

<h1 class="title"> user accounts </h1>

<div class="box-container">
<?php
$select_users = mysqli_query($conn, "SELECT * FROM `users`") or die('query failed');
while($fetch_users = mysqli_fetch_assoc($select_users)){
?>
<div class="box">
<p> user id : <span><?php echo $fetch_users['id']; ?></span> </p>
<p> username : <span><?php echo $fetch_users['name']; ?></span> </p>
<p> email : <span><?php echo $fetch_users['email']; ?></span> </p>
<p> user type : <span style="color:<?php if($fetch_users['user_type'] == 'admin'){ echo 'var(--orange)'; } ?>"><?php echo $fetch_users['user_type']; ?></span> </p>
<a href="admin_users.php?delete=<?php echo $fetch_users['id']; ?>" onclick="return confirm('Delete this user?');" class="delete-btn">Delete user</a>
</div>
<?php
    ;
?>
</div>

</section>

<!-- custom admin js file link -->
<script src="js/admin_script.js"></script>

</body>
</html>

```

Cart.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

if(isset($_POST['update_cart'])){
    $cart_id = $_POST['cart_id'];
    $cart_quantity = $_POST['cart_quantity'];
    mysqli_query($conn, "UPDATE `cart` SET quantity = '$cart_quantity' WHERE id = '$cart_id'") or die('query failed');
    $message[] = 'cart quantity updated!';
}

if(isset($_GET['delete'])){
    $delete_id = $_GET['delete'];
    mysqli_query($conn, "DELETE FROM `cart` WHERE id = '$delete_id'") or die('query failed');
    header('location:cart.php');
}

if(isset($_GET['delete_all'])){
    mysqli_query($conn, "DELETE FROM `cart` WHERE user_id = '$user_id'") or die('query failed');
    header('location:cart.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>cart</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">
```

```

</head>
<body>

<?php include 'header.php'; ?>

<div class="heading">
    <h3>shopping cart</h3>
    <p> <a href="home.php">home</a> / cart </p>
</div>

<section class="shopping-cart">

    <h1 class="title">products added</h1>

    <div class="box-container">
        <?php
            $grand_total = 0;
            $select_cart = mysqli_query($conn, "SELECT * FROM `cart` WHERE user_id = '$user_id'") or die('query failed');
            if(mysqli_num_rows($select_cart) > 0){
                while($fetch_cart = mysqli_fetch_assoc($select_cart)){
                    ?
                    <div class="box">
                        <a href="cart.php?delete=<?php echo $fetch_cart['id']; ?>" class="fas fa-times" onclick="return confirm('delete this from cart?');"></a>
                        
                        <div class="name"><?php echo $fetch_cart['name']; ?></div>
                        <div class="price">$<?php echo $fetch_cart['price']; ?>/-</div>
                        <form action="" method="post">
                            <input type="hidden" name="cart_id" value="<?php echo $fetch_cart['id']; ?>">
                            <input type="number" min="1" name="cart_quantity" value="<?php echo $fetch_cart['quantity']; ?>">
                            <input type="submit" name="update_cart" value="update" class="option-btn">
                        </form>
                        <div class="sub-total"> sub total : <span>$<?php echo $sub_total = ($fetch_cart['quantity'] * $fetch_cart['price']); ?>/-</span> </div>
                    </div>
                    <?php
                        $grand_total += $sub_total;
                    }
                    }else{
                        echo '<p class="empty">your cart is empty</p>';
                    }
                    ?
                </div>

                <div style="margin-top: 2rem; text-align:center;">
                    <a href="cart.php?delete_all" class="delete-btn <?php echo ($grand_total > 1)?':disabled'; ?>" onclick="return confirm('delete all from cart?');">delete all</a>
                </div>

```

```

<div class="cart-total">
<p>grand total : <span>$<?php echo $grand_total; ?>/-</span></p>
<div class="flex">
    <a href="shop.php" class="option-btn">continue shopping</a>
    <a href="checkout.php" class="btn <?php echo ($grand_total > 1)?:'disabled'; ?>">proceed to
    checkout</a>
</div>
</div>

</section>

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>

```

Checkout.php:-

```

<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

?>

<!DOCTYPE html>

```

```

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>checkout</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php include 'header.php'; ?>

<div class="heading">
    <h3>checkout</h3>
    <p><a href="home.php">home</a> / checkout </p>
</div>

<section class="display-order">

    <?php
        $grand_total = 0;
        $select_cart = mysqli_query($conn, "SELECT * FROM `cart` WHERE user_id = '$user_id'") or die('query failed');
        if(mysqli_num_rows($select_cart) > 0){
            while($fetch_cart = mysqli_fetch_assoc($select_cart)){
                $total_price = ($fetch_cart['price'] * $fetch_cart['quantity']);
                $grand_total += $total_price;
            }
        }else{
            echo '<p class="empty">your cart is empty</p>';
        }
    ?>
    <p><?php echo $fetch_cart['name']; ?> <span>(<?php echo '$'.$fetch_cart['price'].'/-'.' x '.
$fetch_cart['quantity']; ?>)</span> </p>
    <?php
        }
    ?>
    <div class="grand-total"> grand total : <span>$<?php echo $grand_total; ?>/-</span> </div>

</section>

<section class="checkout">

    <form action="verified.php" method="POST">
        <h3>place your order</h3>

```

```

<div class="flex">
  <div class="inputBox">
    <span>your name :</span>
    <input type="text" name="name" required placeholder="enter your name">
  </div>
  <div class="inputBox">
    <span>your number :</span>
    <input type="number" name="number" required placeholder="enter your number">
  </div>
  <div class="inputBox">
    <span>your email :</span>
    <input type="email" name="email" required placeholder="enter your email">
  </div>
  <div class="inputBox">
    <span>payment method :</span>
    <select name="method">
      <option value="cash on delivery">cash on delivery</option>
      <option value="credit card">credit card</option>
      <option value="paypal">paypal</option>
      <option value="paytm">paytm</option>
    </select>
  </div>
  <div class="inputBox">
    <span>address line 01 :</span>
    <input type="number" min="0" name="flat" required placeholder="e.g. flat no.">
  </div>
  <div class="inputBox">
    <span>address line 01 :</span>
    <input type="text" name="street" required placeholder="e.g. street name">
  </div>
  <div class="inputBox">
    <span>city :</span>
    <input type="text" name="city" required placeholder="e.g. mumbai">
  </div>
  <div class="inputBox">
    <span>state :</span>
    <input type="text" name="state" required placeholder="e.g. maharashtra">
  </div>
  <div class="inputBox">
    <span>country :</span>
    <input type="text" name="country" required placeholder="e.g. india">
  </div>
  <div class="inputBox">
    <span>pin code :</span>
    <input type="number" min="0" name="pin_code" required placeholder="e.g. 123456">
  </div>
</div>
<input type="submit" value="order now" class="btn" name="order_btn">
</form>

```

```
</section>

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>
```

Contact.php:-

```
<?php

include 'config.php';

session_start();

$user_id = $_SESSION['user_id'];

if(!isset($user_id)){
    header('location:login.php');
}

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

    $name = mysqli_real_escape_string($conn, $_POST['name']);
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $number = $_POST['number'];
    $msg = mysqli_real_escape_string($conn, $_POST['message']);

    $select_message = mysqli_query($conn, "SELECT * FROM `message` WHERE name = '$name' AND email = '$email' AND number = '$number' AND message = '$msg'" ) or die('query failed');

    if(mysqli_num_rows($select_message) > 0){
        $message[] = 'message sent already!';
    }else{
```

```

        mysqli_query($conn, "INSERT INTO `message`(`user_id`, `name`, `email`, `number`, `message`)
VALUES('$user_id', '$name', '$email', '$number', '$msg')") or die('query failed');
        $message[] = 'message sent successfully!';
    }

}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>contact</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php include 'header.php'; ?>

<div class="heading">
    <h3>contact us</h3>
    <p><a href="home.php">home</a> / contact </p>
</div>

<section class="contact">

    <form action="" method="post">
        <h3>say something!</h3>
        <input type="text" name="name" required placeholder="enter your name" class="box">
        <input type="email" name="email" required placeholder="enter your email" class="box">
        <input type="number" name="number" required placeholder="enter your number" class="box">
        <textarea name="message" class="box" placeholder="enter your message" id="" cols="30"
rows="10"></textarea>
        <input type="submit" value="mail us" name="send" class="btn">
    </form>

</section>

```

```

<?php include 'footer.php'; ?>

<!-- custom js file link -->
<script src="js/script.js"></script>

</body>
</html>

```

Header.php:-

```

<?php

if(isset($message)){
    foreach($message as $message){
        echo '
<div class="message">
    <span>'.$message.'</span>
    <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
</div>
';
    }
}
?>

<header class="header">

    <div class="header-1">
        <div class="flex">
            <div class="share">
                <a href="#" class="fab fa-facebook-f"></a>
                <a href="#" class="fab fa-twitter"></a>
                <a href="#" class="fab fa-instagram"></a>
                <a href="#" class="fab fa-linkedin"></a>
            </div>
            <p> new <a href="login.php">login</a> | <a href="register.php">register</a> </p>
        </div>
    </div>

    <div class="header-2">
        <div class="flex">
            <a href="home.php" class="logo">GYAN SALA</a>
            <nav class="navbar">
                <a href="home.php">home</a>
                <a href="about.php">about</a>
            </nav>
        </div>
    </div>

```

```

<a href="shop.php">shop</a>
<a href="contact.php">contact</a>
<a href="orders.php">orders</a>
</nav>

<div class="icons">
    <div id="menu-btn" class="fas fa-bars"></div>
    <a href="search_page.php" class="fas fa-search"></a>
    <div id="user-btn" class="fas fa-user"></div>
    <?php
        $select_cart_number = mysqli_query($conn, "SELECT * FROM `cart` WHERE user_id = '$user_id'" ) or die('query failed');
        $cart_rows_number = mysqli_num_rows($select_cart_number);
    ?>
    <a href="cart.php"><i class="fas fa-shopping-cart"></i> <span>(<?php echo $cart_rows_number; ?>)</span></a>
</div>

<div class="user-box">
    <p>username : <span><?php echo $_SESSION['user_name']; ?></span></p>
    <p>email : <span><?php echo $_SESSION['user_email']; ?></span></p>
    <a href="logout.php" class="delete-btn">logout</a>
</div>
</div>
</div>

</header>

```

Footer.php:-

```

<section class="footer">

<div class="box-container">

<div class="box">
    <h3>quick links</h3>
    <a href="home.php">home</a>
    <a href="about.php">about</a>
    <a href="shop.php">shop</a>
    <a href="contact.php">contact</a>
</div>

<div class="box">
    <h3>extra links</h3>
    <a href="login.php">login</a>
    <a href="register.php">register</a>
    <a href="cart.php">cart</a>
    <a href="orders.php">orders</a>

```

```

</div>

<div class="box">
    <h3>contact info</h3>
    <p> <i class="fas fa-phone"></i> +123-456-7890 </p>
    <p> <i class="fas fa-phone"></i> +111-222-3333 </p>
    <p> <i class="fas fa-envelope"></i> shaikhanas@gmail.com </p>
    <p> <i class="fas fa-map-marker-alt"></i> mumbai, india - 400104 </p>
</div>

<div class="box">
    <h3>follow us</h3>
    <a href="#"> <i class="fab fa-facebook-f"></i> facebook </a>
    <a href="#"> <i class="fab fa-twitter"></i> twitter </a>
    <a href="#"> <i class="fab fa-instagram"></i> instagram </a>
    <a href="#"> <i class="fab fa-linkedin"></i> linkedin </a>
</div>

</div>

<p class="credit"> © copyright @ <?php echo date('Y'); ?> by <span>my team </span> </p>

</section>

```

Admin_style.css:-

```

<section class="footer">

<div class="box-container">

<div class="box">
    <h3>quick links</h3>
    <a href="home.php">home</a>
    <a href="about.php">about</a>
    <a href="shop.php">shop</a>
    <a href="contact.php">contact</a>
</div>

<div class="box">
    <h3>extra links</h3>
    <a href="login.php">login</a>
    <a href="register.php">register</a>
    <a href="cart.php">cart</a>
    <a href="orders.php">orders</a>
</div>

<div class="box">

```

```

<h3>contact info</h3>
<p> <i class="fas fa-phone"></i> +123-456-7890 </p>
<p> <i class="fas fa-phone"></i> +111-222-3333 </p>
<p> <i class="fas fa-envelope"></i> shaikhanas@gmail.com </p>
<p> <i class="fas fa-map-marker-alt"></i> mumbai, india - 400104 </p>
</div>

<div class="box">
<h3>follow us</h3>
<a href="#"> <i class="fab fa-facebook-f"></i> facebook </a>
<a href="#"> <i class="fab fa-twitter"></i> twitter </a>
<a href="#"> <i class="fab fa-instagram"></i> instagram </a>
<a href="#"> <i class="fab fa-linkedin"></i> linkedin </a>
</div>

</div>

<p class="credit"> © copyright @ <?php echo date('Y'); ?> by <span>my team </span> </p>

</section>

```

Style.css:-

```

@import url('https://fonts.googleapis.com/css2?family=Rubik:wght@300;400;500;600&display=swap');

:root{
    --purple:#8e44ad;
    --red:#c0392b;
    --orange:#f39c12;
    --black:#333;
    --white:#fff;
    --light-color:#666;
    --light-white:#ccc;
    --light-bg:#f5f5f5;
    --border:.1rem solid var(--black);
    --box-shadow:0 .5rem 1rem rgba(0,0,0,.1);
}

*{
    font-family: 'Rubik', sans-serif;
    margin:0; padding:0;
    box-sizing: border-box;
    outline: none; border:none;
    text-decoration: none;
    transition:all .2s linear;
}

```

```
*::selection{
  background-color: var(--purple);
  color:var(--white);
}

*::-webkit-scrollbar{
  height: .5rem;
  width: 1rem;
}

*::-webkit-scrollbar-track{
  background-color: transparent;
}

*::-webkit-scrollbar-thumb{
  background-color: var(--purple);
}

html{
  font-size: 62.5%;
  overflow-x: hidden;
}

section{
  padding:3rem 2rem;
}

.empty{
  padding:1.5rem;
  text-align: center;
  border:var(--border);
  background-color: var(--white);
  color:var(--red);
  font-size: 2rem;
}

.message{
  position: sticky;
  top:0;
  margin:0 auto;
  max-width: 1200px;
  background-color: var(--white);
  padding:2rem;
  display: flex;
  align-items: center;
  justify-content: space-between;
  z-index: 10000;
  gap:1.5rem;
}
```

```
.message span{
  font-size: 2rem;
  color:var(--black);
}

.message i{
  cursor: pointer;
  color:var(--red);
  font-size: 2.5rem;
}

.message i:hover{
  transform: rotate(90deg);
}

.title{
  text-align: center;
  margin-bottom: 2rem;
  text-transform: uppercase;
  color:var(--black);
  font-size: 4rem;
}

.btn,
.option-btn,
.delete-btn,
.white-btn{
  display: inline-block;
  margin-top: 1rem;
  padding: 1rem 3rem;
  cursor: pointer;
  color:var(--white);
  font-size: 1.8rem;
  border-radius: .5rem;
  text-transform: capitalize;
}

.btn:hover,
.option-btn:hover,
.delete-btn:hover{
  background-color: var(--black);
}

.white-btn,
.btn{
  background-color: var(--purple);
}

.option-btn{
```

```
background-color: var(--orange);  
}  
  
.delete-btn{  
  background-color: var(--red);  
}  
  
.white-btn:hover{  
  background-color: var(--white);  
  color:var(--black);  
}  
  
.heading{  
  min-height: 30vh;  
  display: flex;  
  flex-flow: column;  
  align-items: center;  
  justify-content: center;  
  gap:1rem;  
  background: url(..//images/heading-bg.webp) no-repeat;  
  background-size: cover;  
  background-position: center;  
  text-align: center;  
}  
  
.heading h3 {  
  font-size: 5rem;  
  color:var(--black);  
  text-transform: uppercase;  
}  
  
.heading p{  
  font-size: 2.5rem;  
  color:var(--light-color);  
}  
  
.heading p a{  
  color:var(--purple);  
}  
  
.heading p a:hover{  
  text-decoration: underline;  
}  
  
@keyframes fadeIn {  
  0%{  
    transform: translateY(1rem);  
    opacity: .2s;  
  }  
}
```

```
.form-container{  
    min-height: 100vh;  
    background-color: var(--light-bg);  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    padding: 2rem;  
}  
  
.form-container form{  
    padding: 2rem;  
    width: 50rem;  
    border-radius: .5rem;  
    box-shadow: var(--box-shadow);  
    border: var(--border);  
    background-color: var(--white);  
    text-align: center;  
}  
  
.form-container form h3{  
    font-size: 3rem;  
    margin-bottom: 1rem;  
    text-transform: uppercase;  
    color: var(--black);  
}  
  
.form-container form .box{  
    width: 100%;  
    border-radius: .5rem;  
    background-color: var(--light-bg);  
    padding: 1.2rem 1.4rem;  
    font-size: 1.8rem;  
    color: var(--black);  
    border: var(--border);  
    margin: 1rem 0;  
}  
  
.form-container form p{  
    padding-top: 1.5rem;  
    font-size: 2rem;  
    color: var(--black);  
}  
  
.form-container form p a{  
    color: var(--purple);  
}  
  
.form-container form p a:hover{  
    text-decoration: underline;
```

```
}
```

```
.header .header-1{
  background-color: var(--light-bg);
}
```

```
.header .header-1 .flex{
  padding:2rem;
  display: flex;
  align-items: center;
  justify-content: space-between;
  max-width: 1200px;
  margin:0 auto;
}
```

```
.header .header-2{
  background-color: var(--white);
  box-shadow: var(--box-shadow);
}
```

```
.header .header-2.active{
  position: fixed;
  top:0; left:0; right:0;
  z-index: 1000;
}
```

```
.header .header-2 .flex{
  padding:2rem;
  display: flex;
  align-items: center;
  justify-content: space-between;
  max-width: 1200px;
  margin:0 auto;
  position: relative;
}
```

```
.header .header-1 .flex .share a{
  font-size: 2.5rem;
  margin-right: 1.5rem;
  color:var(--black);
}
```

```
.header .header-1 .flex .share a:hover{
  color:var(--purple);
}
```

```
.header .header-1 .flex p{
  font-size: 2rem;
  color:var(--light-color);
}
```

```
.header .header-1 .flex p a{  
  color:var(--purple);  
}  
  
.header .header-1 .flex p a:hover{  
  text-decoration: underline;  
}  
  
.header .header-2 .flex .logo{  
  font-size: 2.5rem;  
  color:var(--purple);  
}  
  
.header .header-2 .flex .navbar a{  
  margin:0 1rem;  
  font-size: 2rem;  
  color:var(--light-color);  
}  
  
.header .header-2 .flex .navbar a:hover{  
  color:var(--purple);  
  text-decoration: underline;  
}  
  
.header .header-2 .flex .icons > *{  
  font-size: 2.5rem;  
  color:var(--black);  
  cursor: pointer;  
  margin-left: 1.5rem;  
}  
  
.header .header-2 .flex .icons > *:hover{  
  color:var(--purple);  
}  
  
#menu-btn{  
  display: none;  
}  
  
.header .header-2 .flex .user-box{  
  position: absolute;  
  top:120%; right:2rem;  
  background-color: var(--white);  
  border-radius: .5rem;  
  box-shadow: var(--box-shadow);  
  border:var(--border);  
  padding:2rem;  
  text-align: center;  
  width: 30rem;
```

```
display: none;
animation: fadeIn .2s linear;
}

.header .header-2 .flex .user-box.active{
display: inline-block;
}

.header .header-2 .flex .user-box p{
font-size: 2rem;
color:var(--light-color);
margin-bottom: 1.5rem;
}

.header .header-2 .flex .user-box p span{
color:var(--purple);
}

.header .header-2 .flex .user-box .delete-btn{
margin-top: 0;
}

.home{
min-height: 70vh;
background:linear-gradient(rgba(0,0,0,.7), rgba(0,0,0,.7)), url(..//images/home-bg.jpg) no-repeat;
background-size: cover;
background-position: center;
display: flex;
align-items: center;
justify-content: center;
}

.home .content{
text-align: center;
width: 60rem;
}

.home .content h3{
font-size: 5.5rem;
color:var(--white);
text-transform: uppercase;
}

.home .content p{
font-size:1.8rem;
color:var(--light-white);
padding:1rem 0;
line-height: 1.5;
}
```

```
.products .box-container{  
    max-width: 1200px;  
    margin: 0 auto;  
    display: grid;  
    grid-template-columns: repeat(auto-fit, 30rem);  
    align-items: flex-start;  
    gap: 1.5rem;  
    justify-content: center;  
}  
  
.products .box-container .box{  
    border-radius: .5rem;  
    background-color: var(--white);  
    box-shadow: var(--box-shadow);  
    padding: 2rem;  
    text-align: center;  
    border: var(--border);  
    position: relative;  
}  
  
.products .box-container .box .image{  
    height: 30rem;  
}  
  
.products .box-container .box .name{  
    padding: 1rem 0;  
    font-size: 2rem;  
    color: var(--black);  
}  
  
.products .box-container .box .qty{  
    width: 100%;  
    padding: 1.2rem 1.4rem;  
    border-radius: .5rem;  
    border: var(--border);  
    margin: 1rem 0;  
    font-size: 2rem;  
}  
  
.products .box-container .box .price{  
    position: absolute;  
    top: 1rem; left: 1rem;  
    border-radius: .5rem;  
    padding: 1rem;  
    font-size: 2.5rem;  
    color: var(--white);  
    background-color: var(--red);  
}  
  
.about .flex{
```

```
max-width: 1200px;
margin:0 auto;
display: flex;
align-items: center;
flex-wrap: wrap;
}

.about .flex .image{
  flex:1 1 40rem;
}

.about .flex .image img{
  width: 100%;
}

.about .flex .content{
  flex:1 1 40rem;
  padding:2rem;
  background-color: var(--light-bg);
}

.about .flex .content h3{
  font-size: 3rem;
  color:var(--black);
  text-transform: uppercase;
}

.about .flex .content p{
  padding:1rem 0;
  line-height: 2;
  font-size: 1.7rem;
  color:var(--light-color);
}

.home-contact{
  background-color: var(--black);
}

.home-contact .content{
  max-width: 60rem;
  text-align: center;
  margin:0 auto;
}

.home-contact .content h3{
  font-size: 3rem;
  text-transform: uppercase;
  color:var(--white);
}
```

```
.home-contact .content p{  
padding:1rem 0;  
line-height: 1.5;  
color:var(--light-white);  
font-size: 1.7rem;  
}  
  
.reviews{  
background-color: var(--light-bg);  
}  
  
.reviews .box-container{  
max-width: 1200px;  
margin:0 auto;  
display: grid;  
grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));  
align-items: center;  
gap:1.5rem;  
justify-content: center;  
}  
  
.reviews .box-container .box{  
background-color: var(--white);  
box-shadow: var(--box-shadow);  
border:var(--border);  
border-radius: .5rem;  
text-align: center;  
padding:2rem;  
}  
  
.reviews .box-container .box img{  
height: 10rem;  
width: 10rem;  
border-radius: 50%;  
}  
  
.reviews .box-container .box p{  
padding:1rem 0;  
line-height: 2;  
color:var(--light-color);  
font-size: 1.5rem;  
}  
  
.reviews .box-container .box .stars{  
background-color: var(--light-bg);  
display: inline-block;  
margin:.5rem 0;  
border-radius: .5rem;  
border:var(--border);  
padding:.5rem 1.5rem;
```

```
}

.reviews .box-container .box .stars i{
    font-size: 1.7rem;
    color:var(--orange);
    margin:.2rem;
}

.reviews .box-container .box h3 {
    font-size: 2rem;
    color:var(--black);
    margin-top: 1rem;
}

.authors .box-container{
    max-width: 1200px;
    margin:0 auto;
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));
    align-items: center;
    gap:1.5rem;
    justify-content: center;
}

.authors .box-container .box{
    position: relative;
    text-align: center;
    border:var(--border);
    box-shadow: var(--box-shadow);
    overflow: hidden;
    border-radius: .5rem;
}

.authors .box-container .box img{
    width: 100%;
    height: 40rem;
    object-fit: cover;
}

.authors .box-container .box .share{
    position: absolute;
    top:0; left:-10rem;
}

.authors .box-container .box:hover .share{
    left: 1rem;
}

.authors .box-container .box .share a{
    height: 4.5rem;
```

```
width: 4.5rem;
line-height: 4.5rem;
font-size: 2rem;
background-color: var(--white);
border:var(--border);
display: block;
margin-top: 1rem;
color:var(--black);
}

.authors .box-container .box .share a:hover{
background-color: var(--black);
color:var(--white);
}

.authors .box-container .box h3{
font-size: 2.5rem;
color:var(--black);
padding:1.5rem;
background-color: var(--white);
}

.contact form{
margin:0 auto;
background-color: var(--light-bg);
border-radius: .5rem;
border:var(--border);
padding:2rem;
max-width: 50rem;
margin:0 auto;
text-align: center;
}

.contact form h3{
font-size: 2.5rem;
text-transform: uppercase;
margin-bottom: 1rem;
color:var(--black);
}

.contact form .box{
margin:1rem 0;
width: 100%;
border:var(--border);
background-color: var(--white);
padding:1.2rem 1.4rem;
font-size: 1.8rem;
color:var(--black);
border-radius: .5rem;
}
```

```
.contact form textarea{  
    height: 20rem;  
    resize: none;  
}  
  
.shopping-cart .box-container{  
    max-width: 1200px;  
    margin: 0 auto;  
    display: grid;  
    grid-template-columns: repeat(auto-fit, 30rem);  
    align-items: center;  
    gap: 1.5rem;  
    justify-content: center;  
}  
  
.shopping-cart .box-container .box {  
    text-align: center;  
    padding: 2rem;  
    border-radius: .5rem;  
    background-color: var(--white);  
    box-shadow: var(--box-shadow);  
    position: relative;  
    border: var(--border);  
}  
  
.shopping-cart .box-container .box .fa-times {  
    position: absolute;  
    top: 1rem; right: 1rem;  
    height: 4.5rem;  
    width: 4.5rem;  
    line-height: 4.5rem;  
    font-size: 2rem;  
    background-color: var(--red);  
    color: var(--white);  
    border-radius: .5rem;  
}  
  
.shopping-cart .box-container .box .fa-times:hover {  
    background-color: var(--black);  
}  
  
.shopping-cart .box-container .box img {  
    height: 30rem;  
}  
  
.shopping-cart .box-container .box .name {  
    padding: 1rem 0;  
    font-size: 2rem;  
    color: var(--black);
```

```
}

.shopping-cart .box-container .box .price{
  padding:1rem 0;
  font-size: 2.5rem;
  color:var(--red);
}

.shopping-cart .box-container .box input[type="number"]{
  margin:.5rem 0;
  border:var(--border);
  border-radius: .5rem;
  padding:1.2rem 1.4rem;
  font-size: 2rem;
  color:var(--black);
  width: 9rem;
}

.shopping-cart .box-container .box .sub-total{
  padding-top: 1.5rem;
  font-size: 2rem;
  color:var(--light-color);
}

.shopping-cart .box-container .box .sub-total span{
  color:var(--red);
}

.shopping-cart .cart-total{
  max-width: 1200px;
  margin:0 auto;
  border:var(--border);
  padding:2rem;
  text-align: center;
  margin-top: 2rem;
  border-radius: .5rem;
}

.shopping-cart .cart-total p{
  font-size: 2.5rem;
  color:var(--light-color);
}

.shopping-cart .cart-total p span{
  color:var(--red);
}

.shopping-cart .cart-total .flex{
  display: flex;
  flex-wrap: wrap;
```

```
column-gap:1rem;
margin-top: 1.5rem;
justify-content: center;
}

.shopping-cart .disabled{
pointer-events: none;
opacity: .5;
user-select: none;
}

.display-order{
max-width: 1200px;
margin: 0 auto;
text-align: center;
padding-bottom: 0;
}

.display-order p{
background-color: var(--light-bg);
color:var(--black);
font-size: 2rem;
padding:1rem 1.5rem;
border:var(--border);
display: inline-block;
margin:.5rem;
}

.display-order p span{
color:var(--red);
}

.display-order .grand-total{
margin-top: 2rem;
font-size: 2.5rem;
color:var(--light-color);
}

.display-order .grand-total span{
color:var(--red);
}

.checkout form{
max-width: 1200px;
padding:2rem;
margin:0 auto;
border:var(--border);
background-color: var(--light-bg);
border-radius: .5rem;
}
```

```
.checkout form h3{  
    text-align: center;  
    margin-bottom: 2rem;  
    color:var(--black);  
    text-transform: uppercase;  
    font-size: 3rem;  
}  
  
.checkout form .flex{  
    display: flex;  
    flex-wrap: wrap;  
    gap:1.5rem;  
}  
  
.checkout form .flex .inputBox{  
    flex:1 1 40rem;  
}  
  
.checkout form .flex span{  
    font-size: 2rem;  
    color:var(--black);  
}  
  
.checkout form .flex select,  
.checkout form .flex input{  
    border:var(--border);  
    width: 100%;  
    border-radius: .5rem;  
    width: 100%;  
    background-color: var(--white);  
    padding:1.2rem 1.4rem;  
    font-size: 1.8rem;  
    margin:1rem 0;  
}  
  
.placed-orders .box-container{  
    max-width: 1200px;  
    margin:0 auto;  
    display:flex;  
    flex-wrap: wrap;  
    align-items: center;  
    gap:1.5rem;  
}  
  
.placed-orders .box-container .empty{  
    flex:1;  
}  
  
.placed-orders .box-container .box{
```

```
flex:1 1 40rem;
border-radius: .5rem;
padding:2rem;
border:var(--border);
background-color: var(--light-bg);
padding:1rem 2rem;
}

.placed-orders .box-container .box p{
  padding:1rem 0;
  font-size: 2rem;
  color:var(--light-color);
}

.placed-orders .box-container .box p span{
  color:var(--purple);
}

.search-form form{
  max-width: 1200px;
  margin:0 auto;
  display: flex;
  gap:1rem;
}

.search-form form .btn{
  margin-top: 0;
}

.search-form form .box{
  width: 100%;
  padding:1.2rem 1.4rem;
  border:var(--border);
  font-size: 2rem;
  color:var(--black);
  background-color: var(--light-bg);
  border-radius: .5rem;
}

.footer{
  background-color: var(--light-bg);
```

```
}

.footer .box-container{
    max-width: 1200px;
    margin:0 auto;
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(25rem, 1fr));
    gap:3rem;
}

.footer .box-container .box h3{
    text-transform: uppercase;
    color:var(--black);
    font-size: 2rem;
    padding-bottom: 2rem;
}

.footer .box-container .box p,
.footer .box-container .box a{
    display: block;
    font-size: 1.7rem;
    color:var(--light-color);
    padding:1rem 0;
}

.footer .box-container .box p i,
.footer .box-container .box a i{
    color:var(--purple);
    padding-right: .5rem;
}

.footer .box-container .box a:hover{
    color:var(--purple);
    text-decoration: underline;
}

.footer .credit{
    text-align: center;
    font-size: 2rem;
    color:var(--light-color);
    border-top: var(--border);
    margin-top: 2.5rem;
    padding-top: 2.5rem;
}

.footer .credit span{
    color:var(--purple);
}
```

```
/* media queries */

@media (max-width:991px){

    html{
        font-size: 55%;
    }

}

@media (max-width:768px){

    #menu-btn{
        display: inline-block;
    }

    .header .header-2 .flex .navbar{
        position: absolute;
        top:99%; left:0; right:0;
        background-color: var(--white);
        border-top: var(--border);
        border-bottom: var(--border);
        clip-path: polygon(0 0, 100% 0, 100% 0, 0 0);
    }

    .header .header-2 .flex .navbar.active{
        clip-path: polygon(0 0, 100% 0, 100% 100%, 0 100%);
    }

    .header .header-2 .flex .navbar a{
        display: block;
        font-size: 2.5rem;
        margin:2rem;
    }

    .home .content h3{
        font-size: 3.5rem;
    }

}

@media (max-width:450px){

    html{
        font-size: 50%;
    }

}
```

```
.heading h3{  
    font-size: 3.5rem;  
}  
  
.title{  
    font-size: 3rem;  
}  
}
```

OUTPUT:-

1. Admin Panel sides:-

USERS ACCOUNT:-

The screenshot shows a web browser window titled "users" with the URL "localhost/project/admin_users.php". The page is titled "USER ACCOUNTS" and displays six user profiles in a grid. Each profile card contains the following information:

User ID	Username	Email	User Type	Action
1	vipin	vipintwari1234@gmail.com	user	Delete User
3	sanjay	sanjaybharti486@gmail.com	user	Delete User
4	amit	amitk73262@gmail.com	user	Delete User
5	raju	raju166@gmail.com	admin	Delete User
6	vipin	christine@gmail.com	user	Delete User

At the bottom right of the page, there is a watermark: "Activate Windows Go to Settings to activate Windows." The browser's taskbar at the bottom shows various pinned icons and the system tray with the date and time.

DASHBOARD:-

The screenshot shows the Admin Panel dashboard with the following data:

\$4/-		\$0/-		2		2	
total pending		completed payments		order placed		products added	
4		1		5		2	
normal users		admin users		total accounts		new messages	

Below the dashboard, there is a message: "Activate Windows Go to Settings to activate Windows." At the bottom, the taskbar shows the search bar, pinned icons, and system status.

ADD PRODUCT:-

The screenshot shows the Admin Panel with the following interface:

- Header:** home, products, AdminPanel, home, products, orders, users, messages.
- Section:** SHOP PRODUCTS
- Add Product Form:**
 - Fields: enter product name, enter product price, Choose File (No file chosen)
 - Button: Add Product
- Product Listings:**
 - english: \$7/-, Update, Delete
 - hindi book: \$2/-, Update, Delete
- System Status:** Activate Windows, Go to Settings to activate Windows.
- Taskbar:** Type here to search, pinned icons, system tray showing weather, date, and time.

ORDERS:-

The screenshot shows a web browser window titled "orders" on the localhost project. The main title is "PLACED ORDERS". There are two order entries displayed in boxes:

User Details	Order Status
user id : 6 placed on : 29-Apr-2023 name : vipin number : 74128529637 email : vipintwari1234@gmail.com address : flat no. 4, Ikjhg, kushinagar, India - 226201 total products : , vipin (1) total price : \$2/- payment method : cash on delivery	<input type="button" value="pending"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>
user id : 6 placed on : 29-Apr-2023 name : vipin number : 121212121212 email : vipintwari1234@gmail.com address : flat no. 12, ad, kushinagar, India - 226201 total products : , vipin (1) total price : \$2/- payment method : cash on delivery	<input type="button" value="pending"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>

At the bottom right, there is a Windows activation message: "Activate Windows Go to Settings to activate Windows." The taskbar at the bottom shows various application icons.

MESSAGE:-

The screenshot shows a web browser window titled "messages" on the localhost project. The main title is "MESSAGES". There are two message entries displayed in boxes:

User Details	Action
user id : 4 name : amit number : 9648065956 email : amitk73262@gmail.com message : hii thankyou best your product.	<input type="button" value="Delete Message"/>
user id : 6 name : ajay number : 79891616659 email : christine@gmail.com message : hello	<input type="button" value="Delete Message"/>

At the bottom right, there is a Windows activation message: "Activate Windows Go to Settings to activate Windows." The taskbar at the bottom shows various application icons.

REGISTRATION A/C & LOGOUT A/C

The screenshot shows a web browser window with the URL localhost/project/admin_contacts.php. The page title is "AdminPanel". The main content area is titled "MESSAGES" and displays two message entries:

User ID	Name	Number	Email	Message
4	amit	9648065956	amitk73262@gmail.com	hii thankyou best your product.
6	ajay	79891616659	christine@gmail.com	hello

Each message entry includes a "Delete Message" button. To the right of the messages, there is a sidebar with user information and links:

- username : raju
- email : raju166@gmail.com
- [Logout](#)
- [new login | register](#)

The browser's taskbar at the bottom shows various pinned icons and the system tray indicates it's 24°C, mostly cloudy, with the date 30-04-2023.

2. Client sides:-

HOME PAGE:-

The screenshot shows a web browser window with the URL localhost/project/home.php. The page title is "GYAN SALA". The main content features a large banner with the text "HAND PICKED BOOK TO YOUR DOOR." and a "Discover More" button. Below the banner, there is a section titled "LATEST PRODUCTS". The browser's taskbar at the bottom shows various pinned icons and the system tray indicates it's 24°C, mostly cloudy, with the date 30-04-2023.

ABOUT PAGE:-

The screenshot shows a web browser window for the URL localhost/project/about.php. The page has a header with social media links (Facebook, Twitter, Instagram, LinkedIn) and navigation links (home, about, shop, contact, orders). A search bar and a login/register link are also present. The main content area features a large illustration of a woman reading a book while lying down, with a small dog nearby. The title "ABOUT US" is prominently displayed, followed by "home / about". To the right, there is a section titled "WHY CHOOSE US?" with two paragraphs of placeholder text (Lorem ipsum...) and a "Contact Us" button. At the bottom, there is a decorative image of several books and a Windows taskbar with various icons and system status information.

SHOPING PAGE:-

The screenshot shows a web browser window for the URL localhost/project/shop.php. The layout is similar to the About page, with a header, navigation links, and a search bar. The main content area features the same woman reading a book illustration. The title "OUR SHOP" is displayed, followed by "home / shop". Below this, there is a section titled "LATEST PRODUCTS" showing two items: "english" for \$7/- and "hindi book" for \$2/-. Each item has a quantity selector (set to 1) and an "Add To Cart" button. A decorative image of books is visible on the right. At the bottom, there is a footer with sections for "QUICK LINKS", "EXTRA LINKS", "CONTACT INFO", and "FOLLOW US", along with a Windows taskbar and system status information.

CONTACT PAGE:-

GYAN SALA

new login | register

home about shop contact orders

SAY SOMETHING!

enter your name

enter your email

enter your number

enter your message

Activate Windows
Go to Settings to activate Windows.

24°C Mostly cloudy 22:30 30-04-2023

ORDERS PAGE:-

GYAN SALA

home about shop contact orders

YOUR ORDERS

home / orders

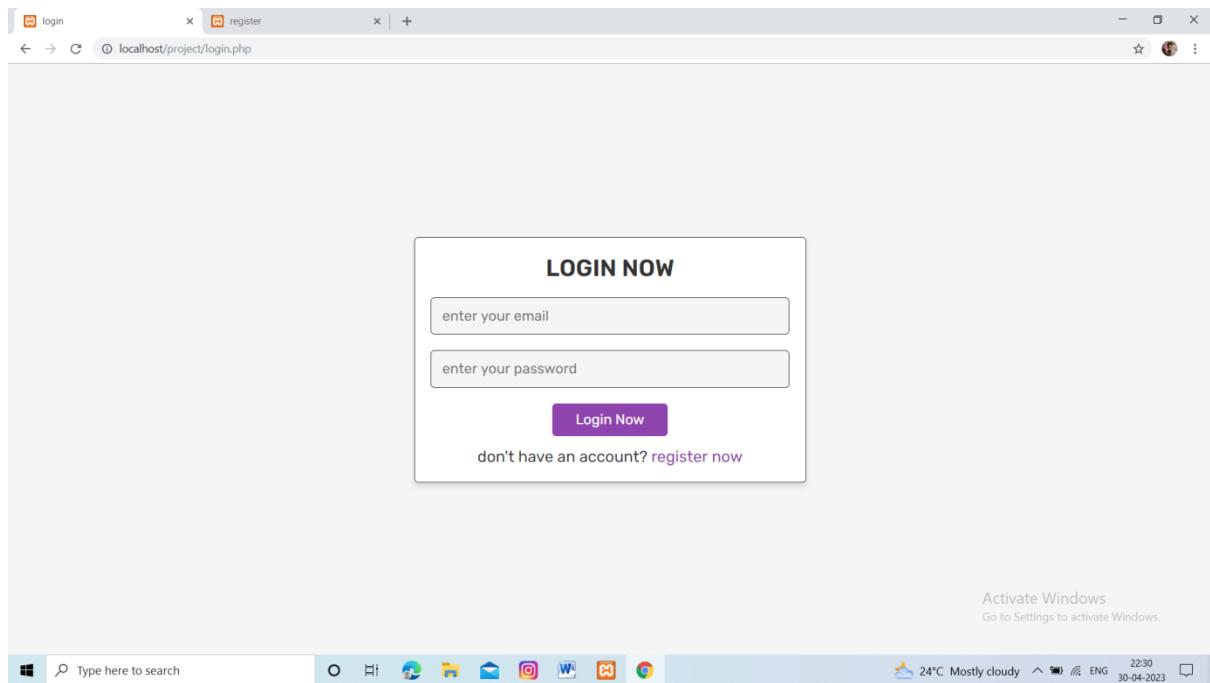
PLACED ORDERS

placed on : 29-Apr-2023	placed on : 29-Apr-2023
name : vipin	name : vipin
number : 74128529637	number : 121212121212
email : vipintwari1234@gmail.com	email : vipintwari1234@gmail.com
address : flat no. 4, lkjhgf, kushinagar, India - 226201	address : flat no. 12, ad, kushinagar, India - 226201
payment method : cash on delivery	payment method : cash on delivery
your orders : , vipin (1)	your orders : , vipin (1)
total price : \$2/-	total price : \$2/-
payment status : pending	payment status : pending

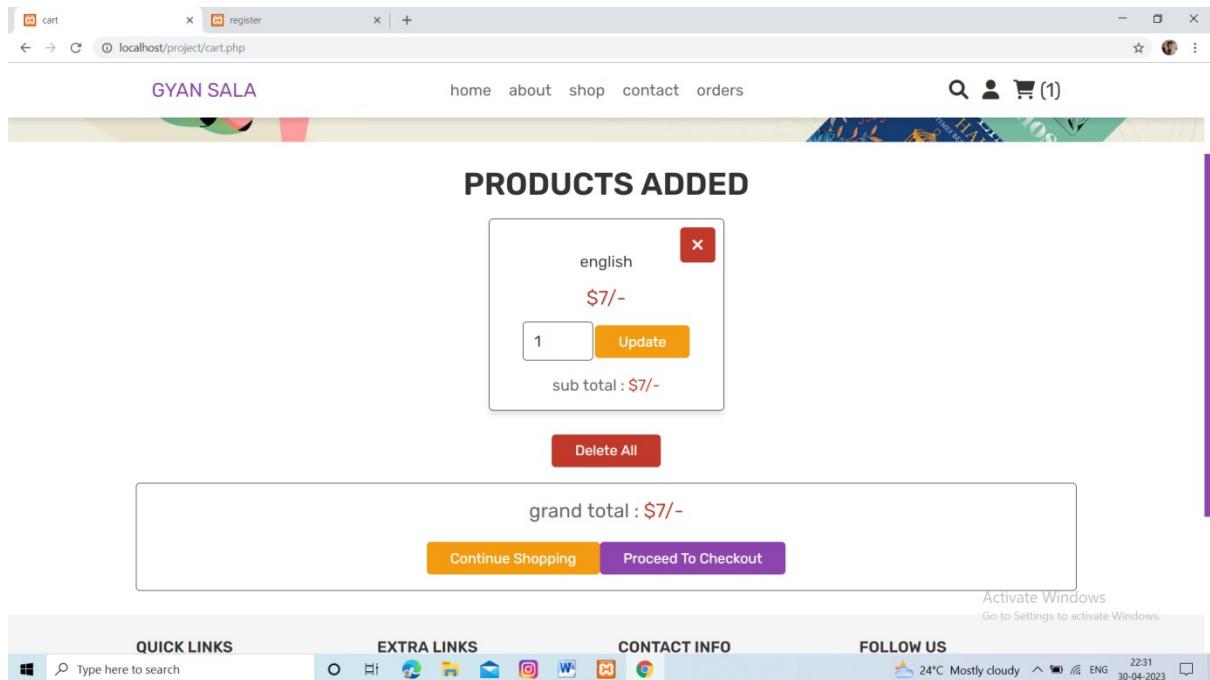
Activate Windows
Go to Settings to activate Windows.

24°C Mostly cloudy 22:30 30-04-2023

LOGIN PAGE & NEWA/C CREATE:-



CART PAGE:-



8. Testing Techniques:-

- **Unit Testing:** A Unit corresponds to a form/class in the package. Unit testing focuses on verification of the corresponding form or class. In this level we have tested all our forms/classes individually. This testing includes testing of control paths, interfaces, local data structures, logical decisions, boundary conditions, and error handling. From this testing we were able to save, retrieve, update, delete and the search records on a table.
- **Integration Testing:** Integration testing is used to verify the combination of the software modules. In this level, we have tested by combining all unit tested forms into a subsystem. Here we found that the subsystems are performing well.
- **System Testing:** System testing is used to verify, whether the developed system meets the requirements.
- **Acceptance Testing:** Acceptance is the part of the project by which the customer accepts the product. The system under consideration is tested for user acceptance by constantly keeping in touch with the system users at time of developing and making changes whenever required.

We hope that after the acceptance testing the system will perform the best result for the organization. When modification will be made, we will use regression testing during the maintenance of the system.

The Software System delivered to the customer may undergo changes. Changes may be due to addition of new functional modules or performance enhancement .For this purpose proper maintenance of the system is must.

Test case Ref No		TCT-001
Functionality		: Log in to the System
Expected outcome		: The user should not login to member's area and some error message follow
Step No.	Data Used	Actual Outcome
1.	Click on the log in button without entering username or password	An alert message came to enter username
2.	Click on the log in button after entering some username leaving password field blank	An alert message came to enter password
3.	Click on the log in button after entering some password but leaving username field blank	An alert message came to enter username
4.	Click on the log in button after entering some wrong username but correct password	A message displayed on Log in page about this

Test case Ref No		TCT-002
Functionality		: Enter valid Data for customer registration
Expected outcome		: The user should not get register any record without filling all necessary fields and some error message follow The user should not get registered again with same
Step No.	Data Used	Actual Outcome
1.	Click on the save button without entering valid details	An alert message came to each details and focused on the respective fields
2.	Click on the submit button after entering a duplicate patient id	A message displayed about existence of such patient

9. Implementation & Maintenance:-

Implementation:-

Model view controller or MVC as it is popularly called, is a software design pattern for developing web application. A model view controller pattern is made up of the following three parts:

Model – The lowest level of the pattern which is responsible for maintaining data.

View - This is responsible for displaying all or a portion of the data to the user.

Controller - Software code that controls the interaction between the model and view.

Maintenance:-

Once the software has been implemented and deployed, the maintenance phase begins. This phase involves ongoing support and maintenance of the software, including bug fixes, updates, and enhancements. The goal of maintenance is to ensure that the software remains functional and continues to meet the needs of its users over time. Maintenance can be broken down into several different types:

- 1. Corrective maintenance:** - This involves fixing bugs and defects that are discovered in the software after it has been deployed.
- 2. Adaptive maintenance:** - This involves modifying the software to accommodate changes in the operating environment, such as changes to hardware or software platforms.
- 3. Perspective maintenance:** This involves making changes to the software to improve its performance, reliability, or maintainability.
- 4. Preventive maintenance:** - This involves taking steps to prevent problems from occurring in the software, such as improving error handling or reducing the risk of security breaches.

Effective implementation and maintenance are essential to the success of any software project. Proper planning, communication, and collaboration among the project team, stakeholders, and users are key to ensuring that the software is implemented and maintained in a way that meets the needs of all parties involved.

10. Limitation, Future Scope &Enhancements:-

Limitation:-

By successfully implementing the project, a substantial knowledge has been acquired on the implementation of a database system using .net technologies. This knowledge will be useful in the future in creating any type of desktop application or online database systems.

Future Scope & Enhancements:-

Software development is never –ending process and continues the life of the software as per the changing needs of the user from time to time. The project is no doubt has been developed keeping in mind easy modification and enhancement that may be required from time to time.

However, there are many scopes to modify this software. As because due to shortage of time, we here become unable to include many things. We are trying to cover all their existing system for sales return records of the items but due to shortage of time we become unable to include many things. Due to lake of time I here include none of them and a future scope one can develop these returns which are so much essential. Only with a little more doing it is possible to design the formats for those returns. Moreover, an on-line system will be more helpful to the organization. . With almost the same data with only a little modification an on-line system can be designed to fulfill their demands. All these can be considered to be future scope for this project.

11. References &Bibliography:-

- a. Google for problem solving
- b. <https://www.tutorialsponit.com>
- c. <https://www.google.com>
- d. <https://www.youtube.com>
- e. <https://www.w3school.com>
- f.