

ONLINE BOOK STORE

A Project Report to Madurai Kamaraj University in the Partial
Fulfilment For The award of the degree in

BACHELOR OF COMPUTER SCIENCE

SUBMITTED BY

T.K.DEVISRI (19UCS001)

&

N.K.NAGANANDHINI (19UCS005)

UNDER THE GUIDENCE OF

Tmt.D.V.JEYANTHI, M.Sc., M.Phil.,

Assistant Professor of Computer Science



**DEPARTMENT OF COMPUTER SCIENCE
SOURASHTRA COLLEGE
(AUTONOMOUS)**

**(Affiliated to Madurai Kamaraj University &
Reaccredited with B+ Grade by NAAC)**

JUNE-2022

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled “**ONLINE BOOK STORE**” done by **T.K.DEVISRI (19UCS001)** and **N.K.NAGANANDHINI (19UCS005)** in the Department of Computer Science, Sourashtra College, Under the guidance of **Tmt.D.V.JEYANTHI, M.Sc., M.Phil.,**

Assistant Professor Of Computer Science Department of Computer Science. It is submitted in partial fulfilment of the Requirement of Sourashtra College for the Degree of Bachelor of Science in Computer Science during the year 2019-2022.

Submitted for the **VIVA-VOCE** Examination held in the Department of Computer Science at **SOURASHTRA COLLEGE** held on _____

INTERNAL GUIDE

HEAD OF THE DEPARTMENT

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the Project Work entitled “**ONLINE BOOK STORE**” has been done by us under the guidance of

Tmt. D.V.JEYANTHI, M.Sc., M.Phil.,

I also ensure that this Project Record or any part of this has not been submitted to any other degree.

Place: Madurai.

Date:

Yours sincerely,
(T.K.DEVISRI)
(N.K.NAGANANDHINI)

ACKNOWLEDGEMENT

First of all we thank the almighty God for the constant blessings throughout my project work.

We express our sincere thanks to our project guide, **Tmt.D.V.JEYANTHI, M.Sc., M.Phil.**, for her valuable guidance, timely help and encouragement throughout our project work.

We would like to thank our parents for providing us all our requirements. Without them this project has not been made possible.

We thank our beloved Principal **N.H. SARAVANAN M.Sc., M.Phil., P.G.D.C.A., C.G.T., P.G.D.O.R., P.G.Dip.in.Econometrics** who take great interest in the welfare of students.

We wish to thank our Head of Department of Computer Science **Dr. V. K. VIJAYAKUMAR, M.Sc., M.Phil., P.B.D.C.S.A., Ph.D.**, for creating an excellent atmosphere in the department to pursue our objectives under her able guidance and administration.

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1.Introduction:

1.1. Synopsis

- The Online Book Store is a simple project that can help book store businesses to provide their customers with an easy way to transaction online. The main objective of the project is to create an online book store that allows users to search and purchase a book online based on title and category. Such a book store where customer can visit our site anytime of the day from anywhere to view the available books. Any of them and can order by cash on delivery as well.
- The administrator will regularly add any new books available to them for sale. This system is a simple bookstore website with an admin side in which the store admin can manage the data and most importantly the books they are selling at their store. The book store's customer to store temporarily their selected book in a wish list and later add to cart for later checkout, check the user their order Details.
- 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.

1.2.Module Description:

Number of modules:

After careful analysis the system has been identified to have the following modules:

1.Administrator module

2.User module

1.Administrator module:

- **Login** - Admin login page.
- **Home Page** - Admin Dash Board.
- **Users** - User Accounts / Visit and Delete users.
- **Messages** – Users Messages.
- **Update profile** – Admin Update Their Profile.
- **Books** – Add new books, Edit, delete and Update book.
- **Orders** – Received Orders Admin can update and delete.
- **Logout** - Admin logout.

2.User module:

- **Signup-** The new customer will create their account.
- **Login** – The customer Submit their Information to login.
- **Home Page** – This Page Display the books, categories.
- **Books** – This page says verity of books in separate categories and latest products.
- **Orders** – Check the user their order Details.
- **About** – About our website / client reviews /great authors.
- **Contact** – customer need any books message from contact.
- **Update Profile** – Update users informations.
- **Search** - Search for any book,The book title or category.
- **Wishlist** - The page that lists all the customer selected items to wishlist

- **View the Book** - Display the book details, To add wishlist or cart.
- **Cart Page** - The page that lists all the customer selected items to cart
- **Checkout** - Customer proceed to Checkout the order of book.

2.SOFTWARE SPECIFICATION:

2.1.Hardware Specification

The below hardware specifications were used in both server and client machines when developing.

- Processor : Intel (R) Pentium(R)
- Processor Speed : 2.10 GHZ
- Ram : 4GB
- Hard Disk Drive : 500GB
- Monitor : 15 inch
- Keyboard : Standard 103 Keys
- Mouse : Standard Mouse

2.2.Software Specification

The below software specifications were used in both server and client machines when developing.

- Operating System : Windows 10pro
- Front End : HTML,CSS ,JAVASCRIPT
- Back End : PHP
- Database : MySQL
- Technology Used : Xampp Server

2.3.About the Software

HTML

In this project HTML used for design the structure. HTML is a markup language for describing web documents and stands for Hyper Text Markup Language, a markup language is a set of markup tags.HTML documents are described by HTML tags. Each HTML tag describes different document content. HTML used because:

- Easy to learn.
- Easy to use.
- Supported by all browser.

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML.CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

- CSS works differently on different browsers. IE and Opera supports □ CSS as different logic.
- There might be cross-browser issues while using CSS.
- There are multiple levels which creates confusion for non-developers and beginners.
- There exists a scarcity of security.
- After making the changes we need to confirm the compatibility if they appear. The similar change affects on all the browsers.

Javascript

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm. Alongside HTML and CSS, JavaScript is one of the three core technologies of the World Wide Web. JavaScript enables interactive web pages and thus is an essential part of web applications. The vast majority of websites use it, and all major web browsers have a dedicated JavaScript engine to execute it.

- **Speed.** Client-side JavaScript is very fast because it can be run immediately within the client-side browser. Unless outside resources are required, JavaScript is unhindered by network calls to a backend server.
- **Simplicity.** JavaScript is relatively simple to learn and implement.
- **Popularity.** JavaScript is used everywhere on the web.
- **Interoperability.** JavaScript plays nicely with other languages and can be used in a huge variety of applications.
- **Server Load.** Being client-side reduces the demand on the website server.
- Gives the ability to create rich interfaces.

PHP

PHP In this project making the web page content dynamic and for interconnecting with database coding done by PHP. PHP stands for Hypertext Preprocessor. The reason of using PHP are:

- PHP can generate dynamic page content.
- PHP can create, open, read, write, delete, and close files on the server..
- PHP can send and receive cookies.
- PHP can add, delete, and modify data in database.
- PHP can be used to control user-access.

- PHP can encrypt data. With PHP we cannot limited to output HTML. We can output images, PDF files, and even flash movies. We can also output any text, such as XHTML and XML.

MySQL

MySQL MySQL is a database system used for the web application and it runs that runs on a server. The reason of using MySQL are:

- MySQL is ideal for both small and large applications.
- MySQL is very fast, reliable, and easy to use.
- MySQL uses standard SQL.
- MySQL compiles on a number of platforms. □ MySQL is free to download and use.

Xampp Server

XAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and

Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

3.System Analysis:

3.1.Existing System:

- In this section, we will discuss the existing system and some of its drawbacks which force us to plan this whole idea of developing an online Bookstore system. Let us take an example. In the present scenario, people have to physically visit the bookshops or vendors for purchasing books of their need and have to make payment through cash mode most of the times due to unawareness of advanced technologies at certain places.
- In this method time as well as physical work is required, The traditional book purchasing procedure is not efficient enough for shopkeepers as well as customers, as they have to deal with the crowd, in their shops. The old methods are classified into two ways where the most popular one was you need to go to the shop and ask the shopkeeper for the book.
- If he has that book then he will give you and demand money, which could be more than you thought for. The other one is if you know any retailer or shopkeepers you can directly contact him on phone and ask him to give you that books at your place and take the money and extra convenience charges of transportation. It might be the case that shopkeepers do not refund money if you purchase some wrong books.

3.2. Proposed System:

The aim of proposed system is to develop a system of improves facilities. The system provides proper security and reduces the manual work. This system will help you to get the book from the store to your home with just a single click. We can also make the payment after delivery of the book which will make us feel safe regarding our money. 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 to need login. Now, we can see that nearly everything is very much possible to perform with a single click, so this application will help you to computerize the system

of Online bookstore so that readers can access the system online and search the books that they want and we have arranged separate categories for the books.

Functions for customers:

- New user account registration
- User login
- User can update his/her address, password etc.
- Book search (by author name, title)
- About the bookstore
- Increase/decrease quantity books from shopping cart
- Add/delete books from shopping cart
- Customer Have any issue still confused user contact us.

4.System Design:

4.1.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.

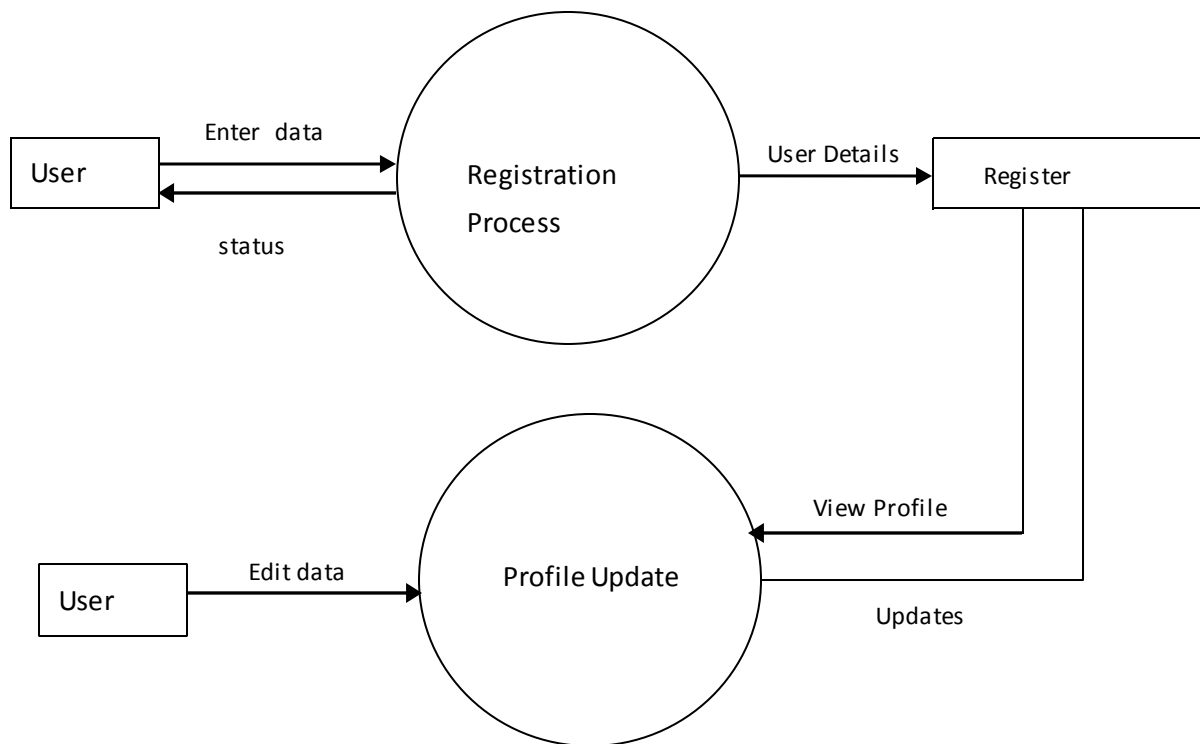
4.2. Output Design

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.

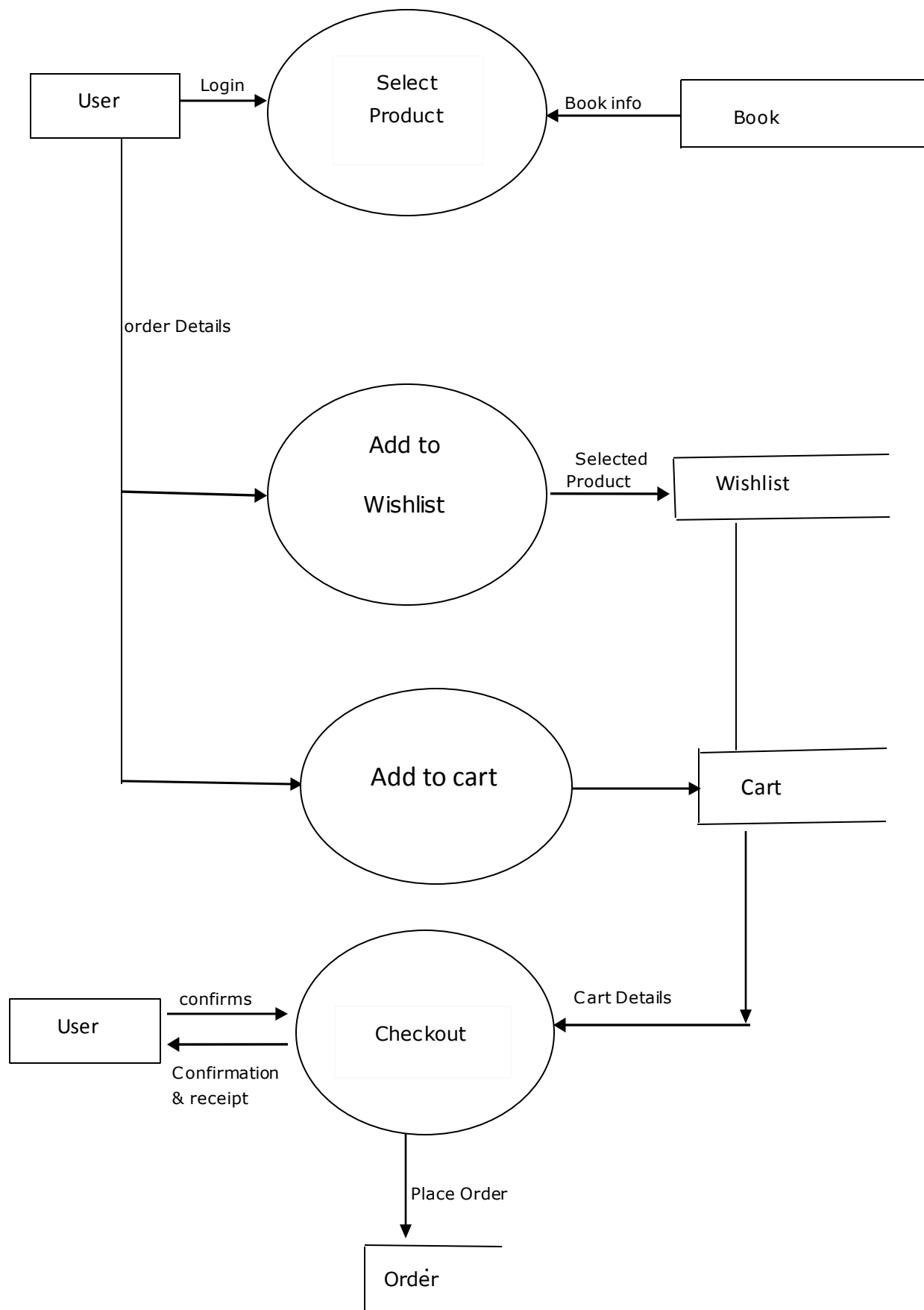
4.3. Data Flow Diagram:



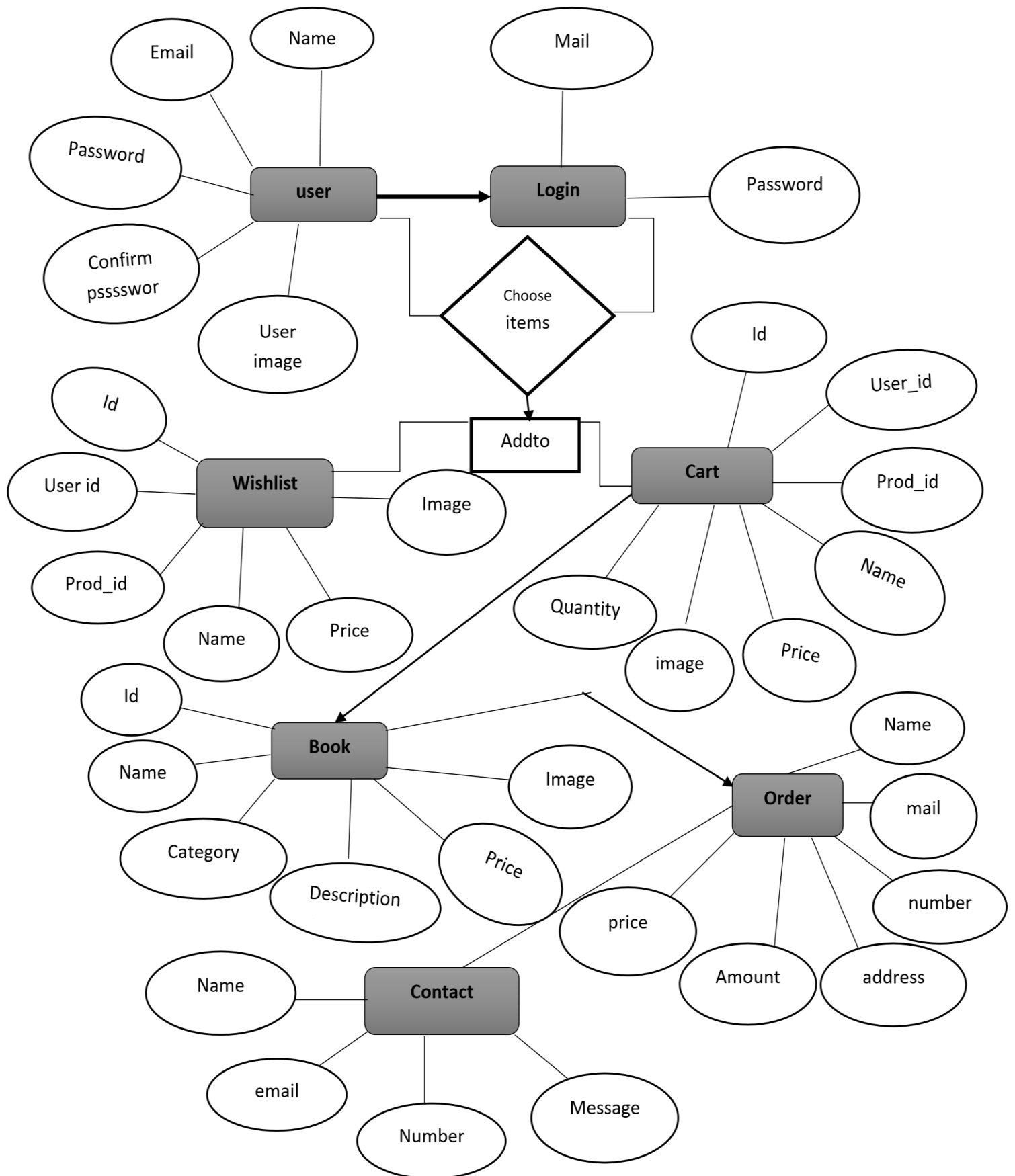
DFD For User Registration and Profile Update:



DFD for shopping and checkout process:



E-R Diagram:



4.4. Table Design:

UsersTable:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
id	Int(100)	PRIMARY KEY	User id
name	Varchar(100)	NOT NULL	User name
email	Varchar(100)	NOT NULL	User email
password	Varchar(100)	NOT NULL	User password
User_type	Varchar(20)	NOT NULL	User type
image	Longblob	NOT NULL	User image

Cart Table:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
id	Int(100)	PRIMARY KEY	Id
User_id	Int(100)	NOT NULL	User_id
pid	Int(100)	NOT NULL	Product id
name	Varchar(100)	NOT NULL	Product Name
price	int(100)	NOT NULL	Product Price
quantity	Int(100)	NOT NULL	Product Quantity
image	Longblob	NOT NULL	Product Image

Message Table:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
id	Int(100)	PRIMARY KEY	id
User id	Int(100)	NOT NULL	User id
name	Varchar(100)	NOT NULL	User name
email	Varchar(100)	NOT NULL	User email
number	Varchar(12)	NOT NULL	User number
message	Varchar(500)	NOT NULL	User message

Orders Table:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
id	Int(100)	PRIMARY KEY	Id
User id	Int(100)	NOT NULL	User id
Name	Varchar(100)	NOT NULL	User name
Number	Varchar(12)	NOT NULL	User number
Email	Varchar(100)	NOT NULL	User email
Method	Varchar(50)	NOT NULL	Payment method
Address	Varchar(500)	NOT NULL	User address
Total products	Varchar(1000)	NOT NULL	Total products
Total Price	Int(100)	NOT NULL	Total price
Placed on	Varchar(50)	NOT NULL	Order Placed on
Payment status	Varchar(20)	NOT NULL	Payment status

Products Table:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
Id	Int(100)	PRIMARY KEY	Product id
Name	Varchar(100)	NOT NULL	Product name
Category	Varchar(20)	NOT NULL	Product category
Description	Varchar(500)	NOT NULL	Productdescription
Price	Int(100)	NOT NULL	Product price
Image	Longblob	NOT NULL	Product image

Wishlist Table:

FIELD NAME	DATA TYPE	CONSTRAIN	DESCRIPTION
Id	Int(100)	PRIMARY KEY	id
User id	Int(100)	NOT NULL	User id
pid	Int(100)	NOT NULL	Product id
Name	Varchar(100)	NOT NULL	Product name
Price	Int(100)	NOT NULL	Product price
image	Longblob	NOT NULL	Product image

5. SCREEN LAYOUT:

REGISTER NOW

Choose File

author-2.jpg

Register Now

already have an account? [login now](#)

LOGIN NOW

Login Now

don't have an account? [register now](#)

update user profile


localhost/Nandhini%20project%20-%20Copy/user_profile_update.php

Online Book Store

Home Books Orders About Contact

(0) (3)

UPDATE PROFILE



username :

old password :

email :

new password :

update pic :

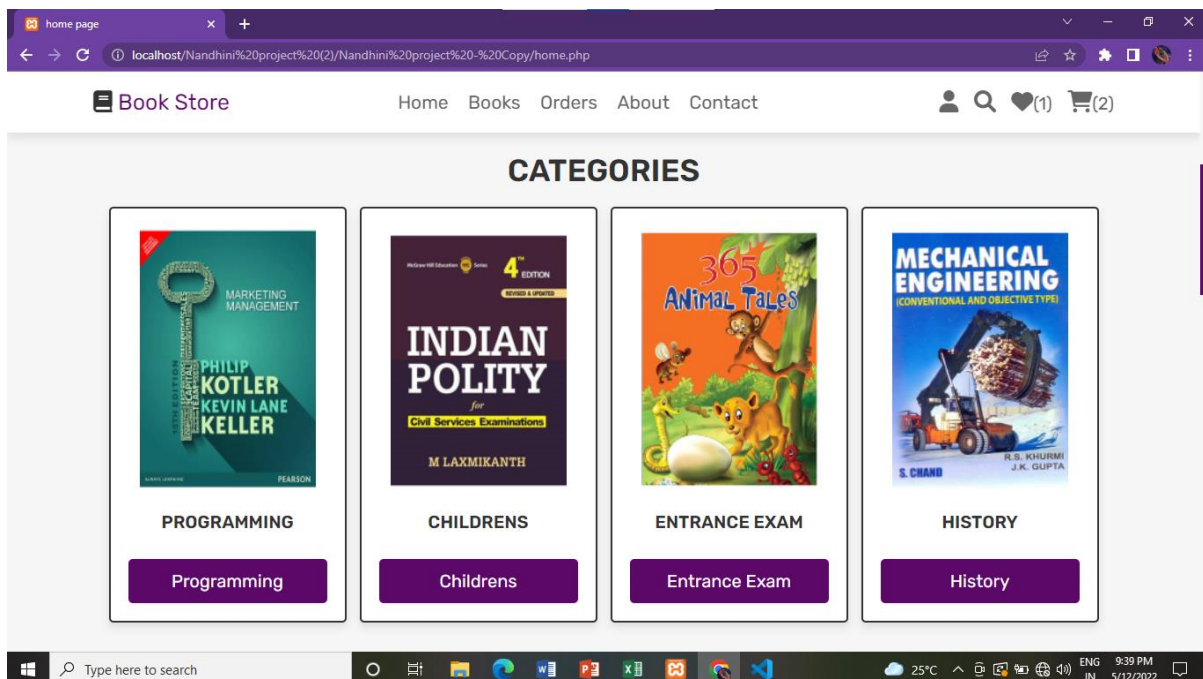
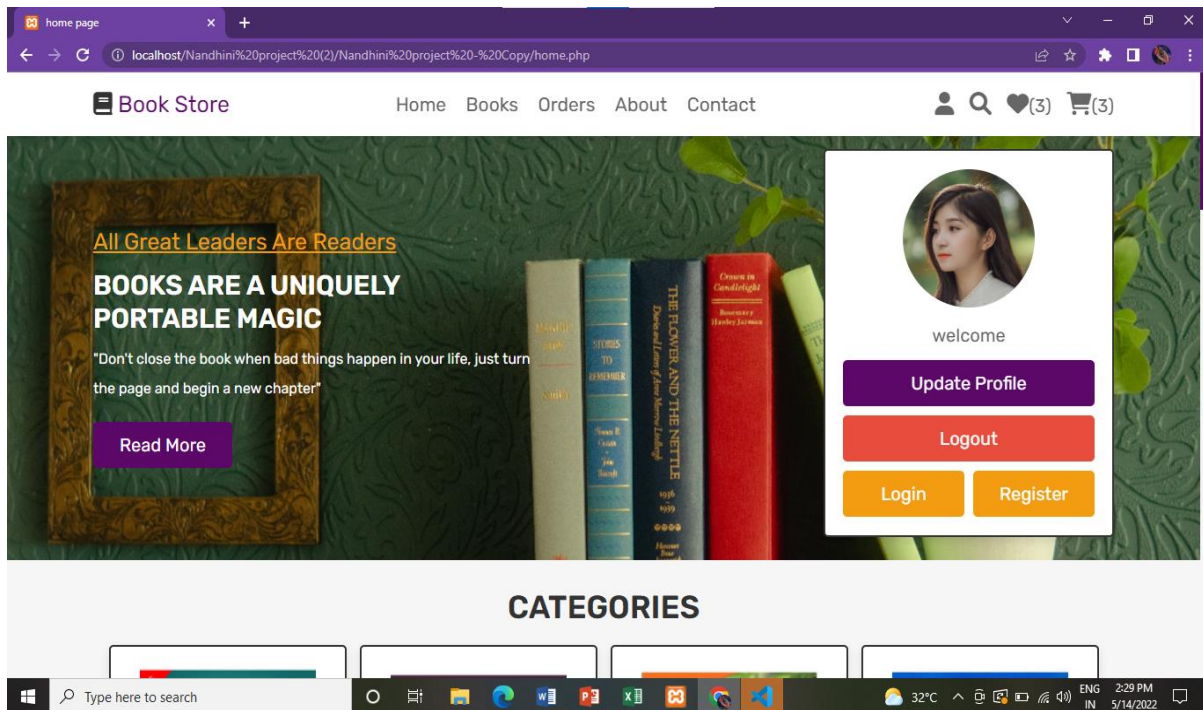
Choose File

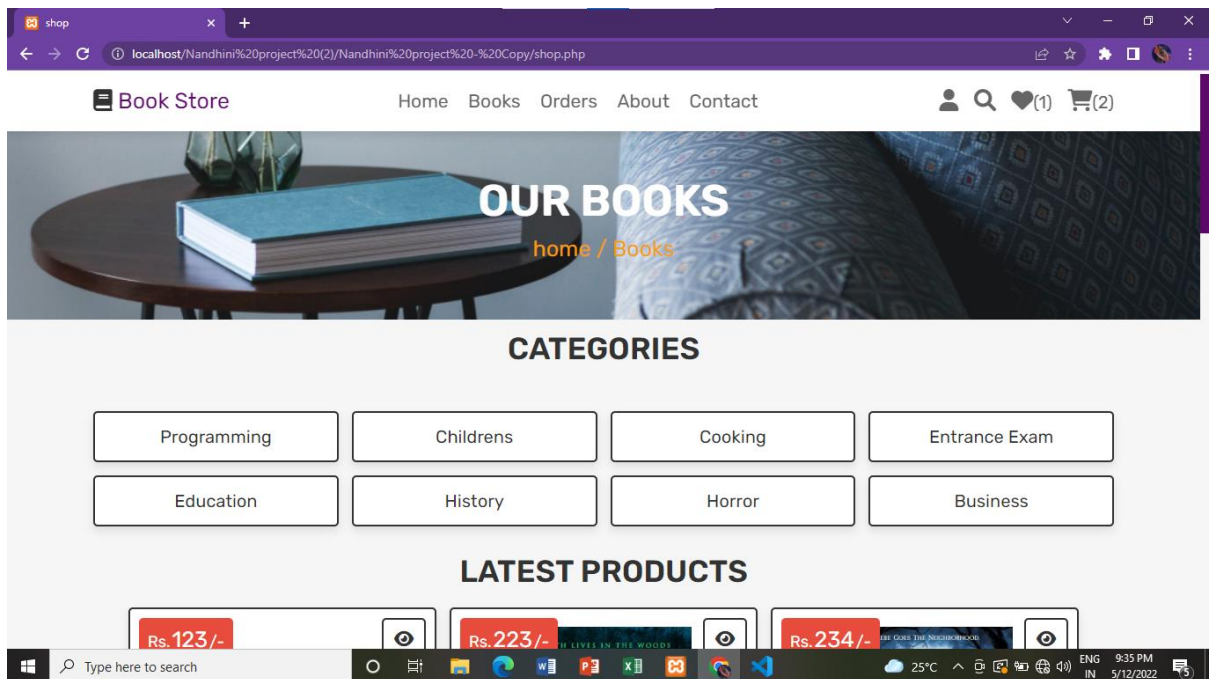
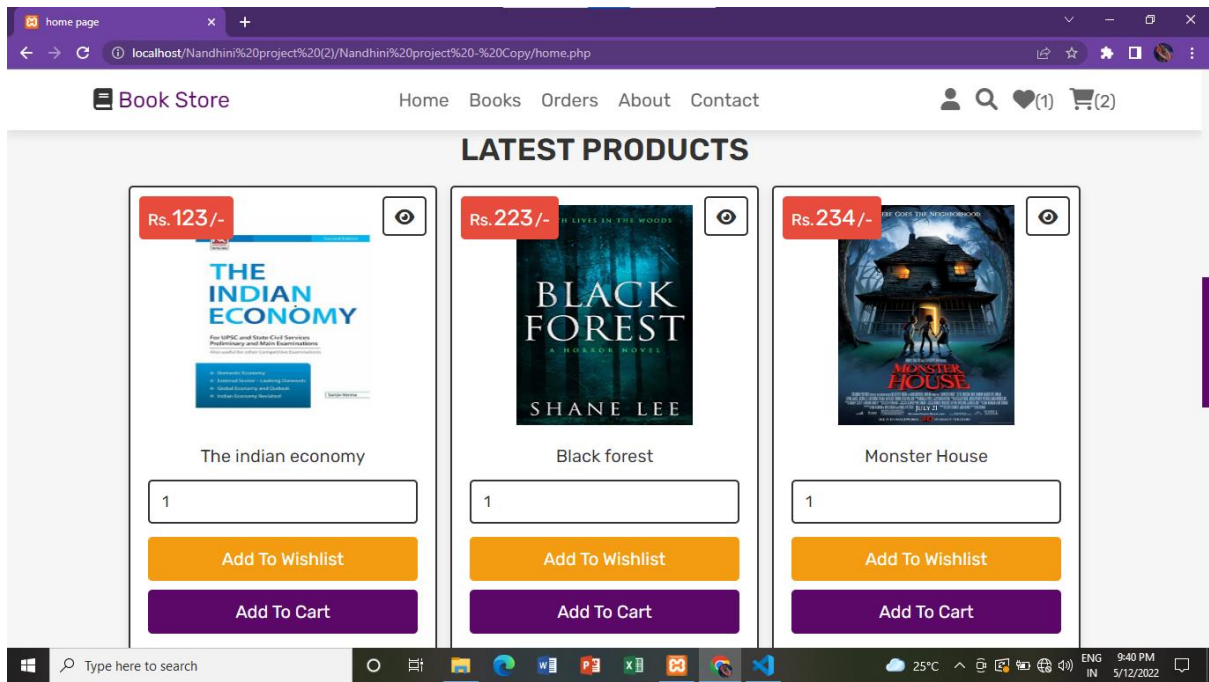
No file chosen

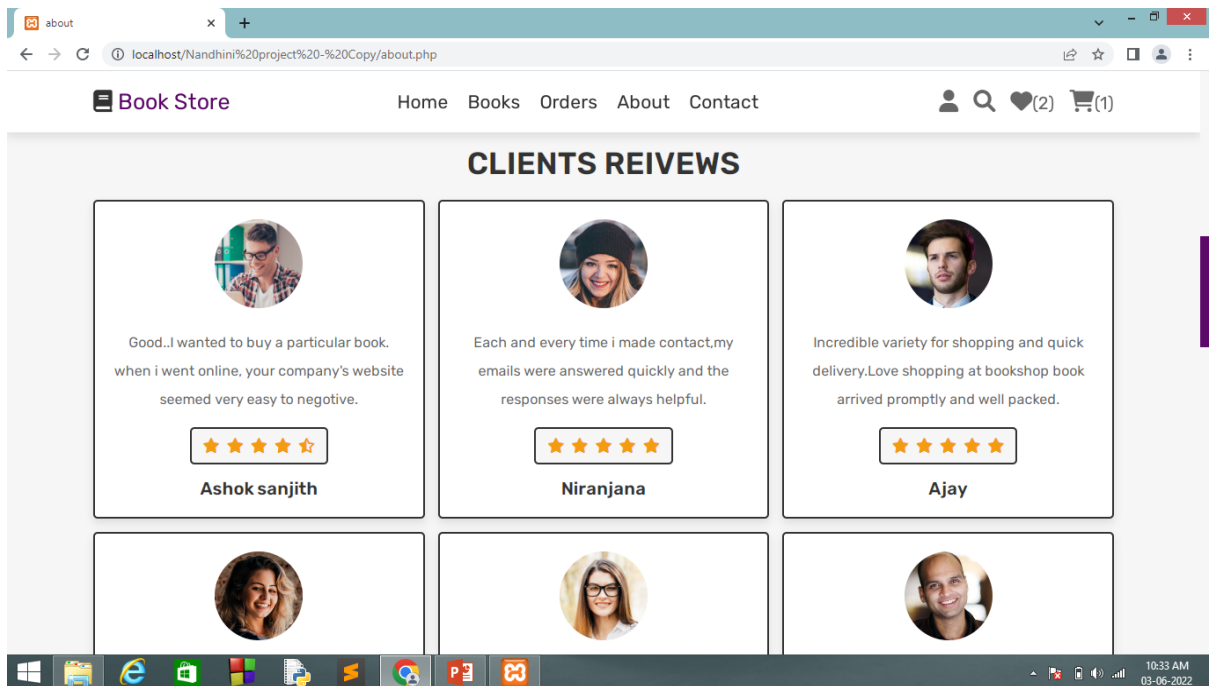
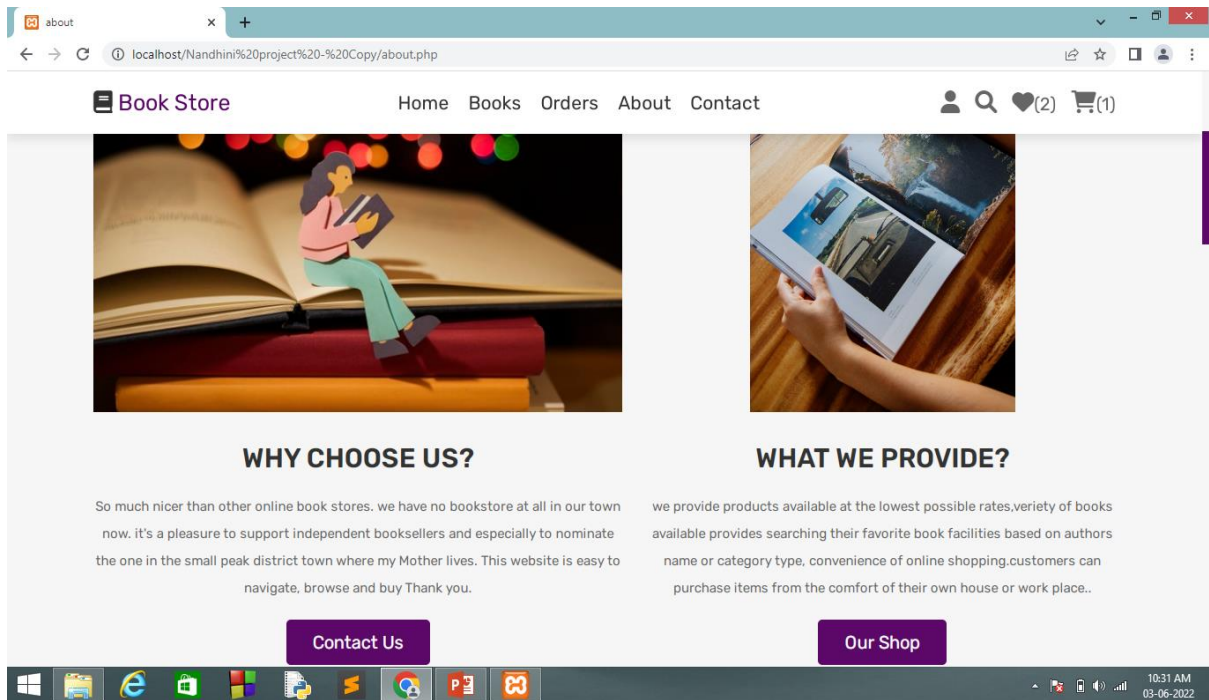
confirm password :

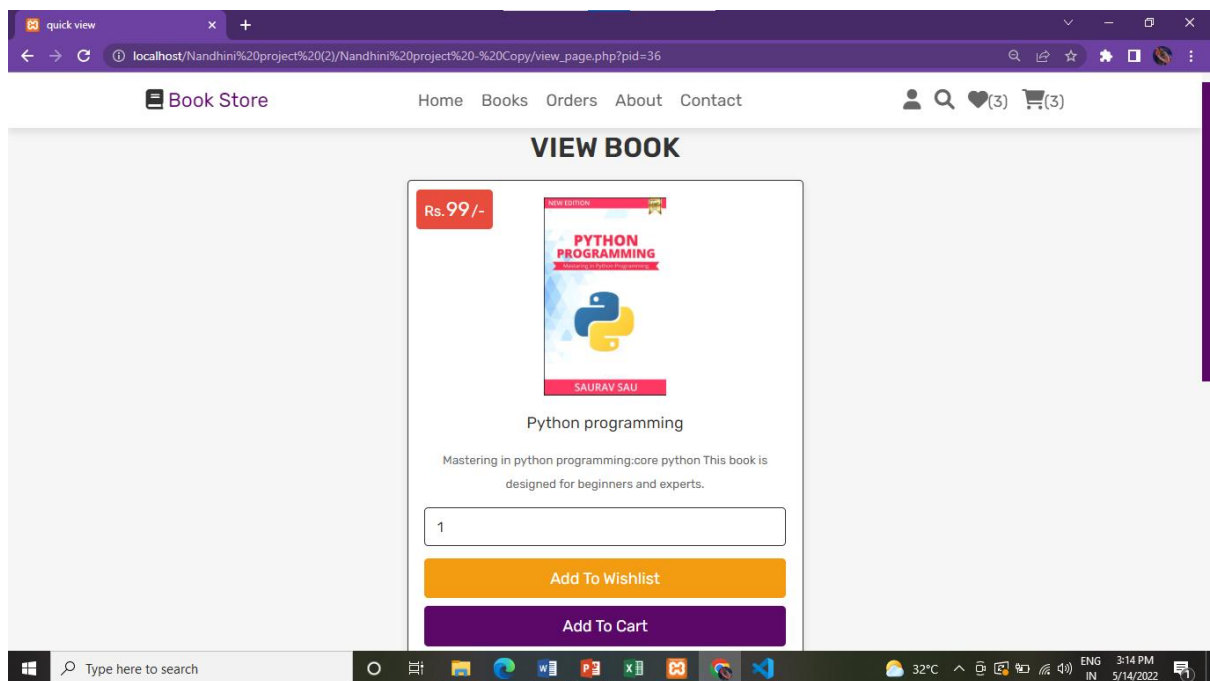
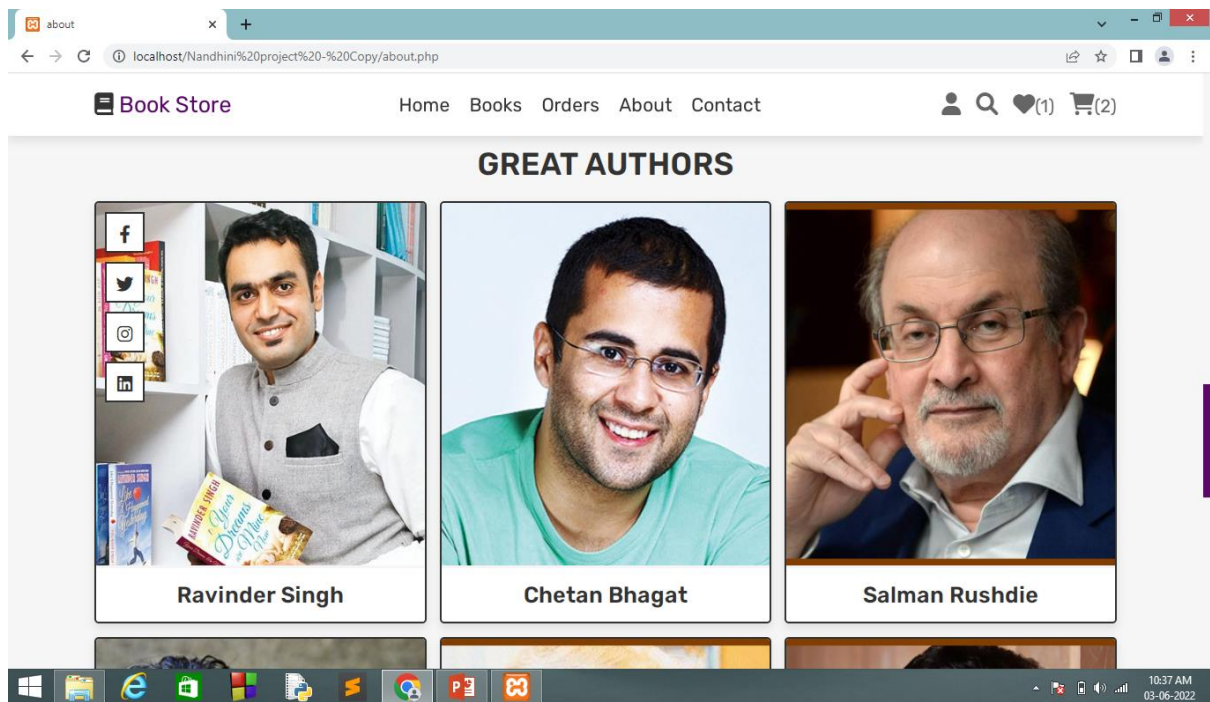
Update Profile

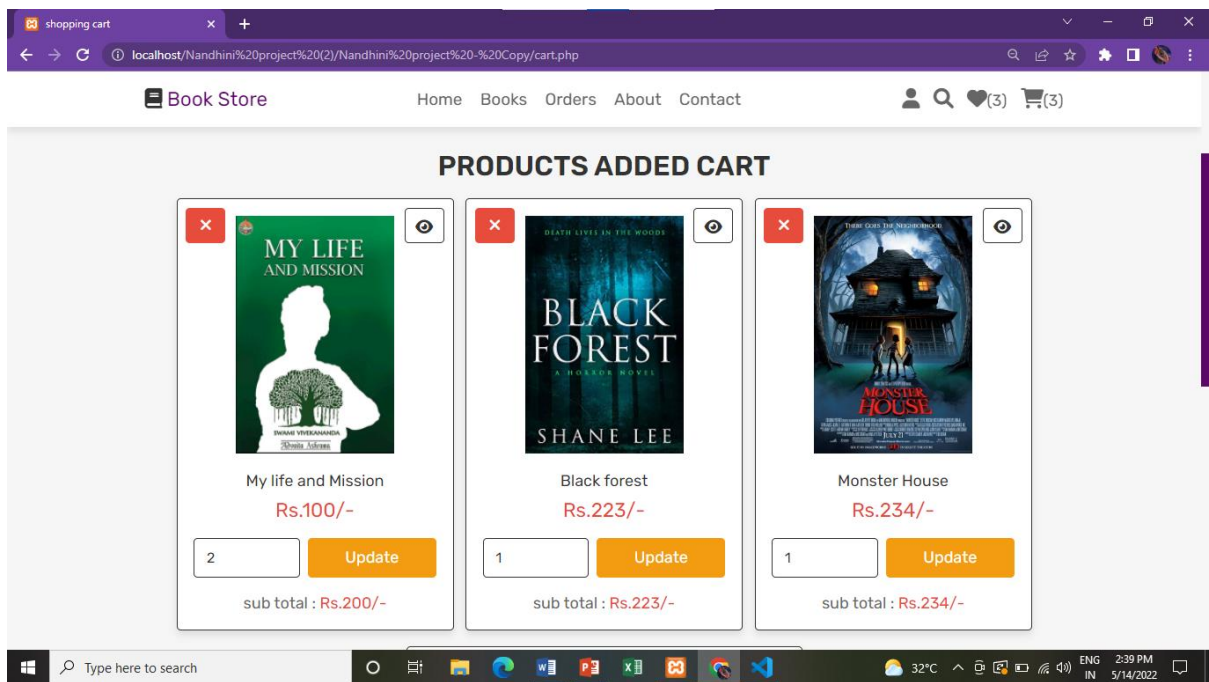
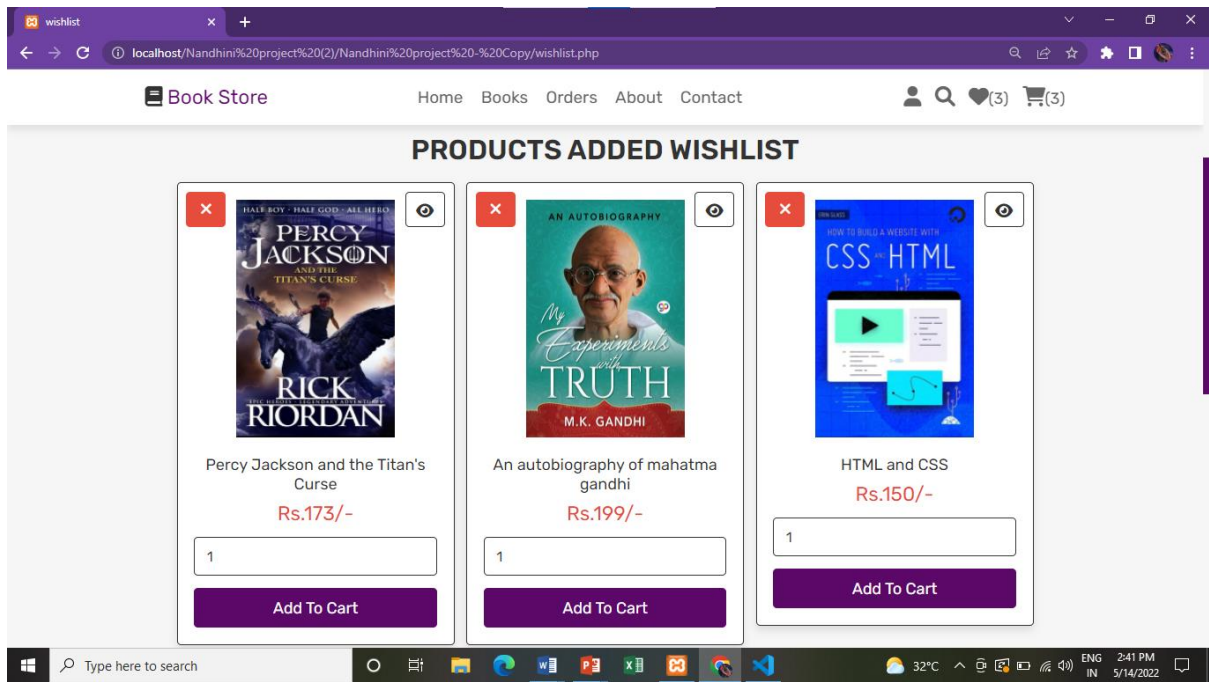
Go Back

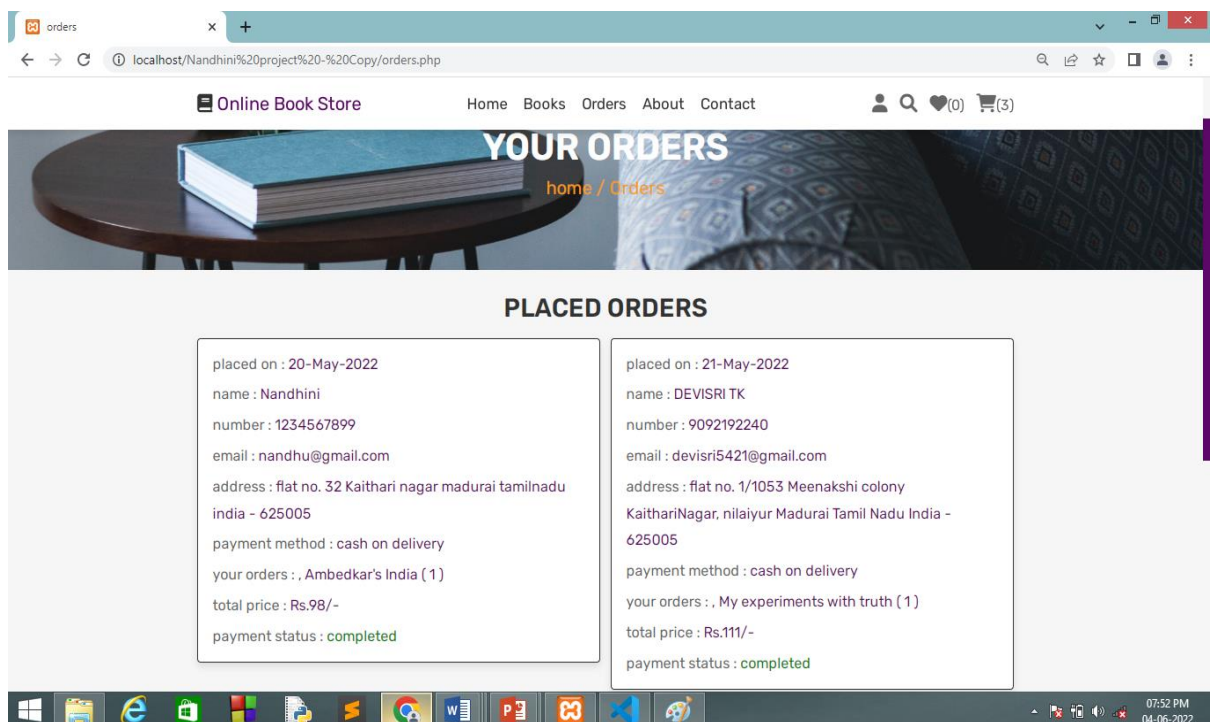
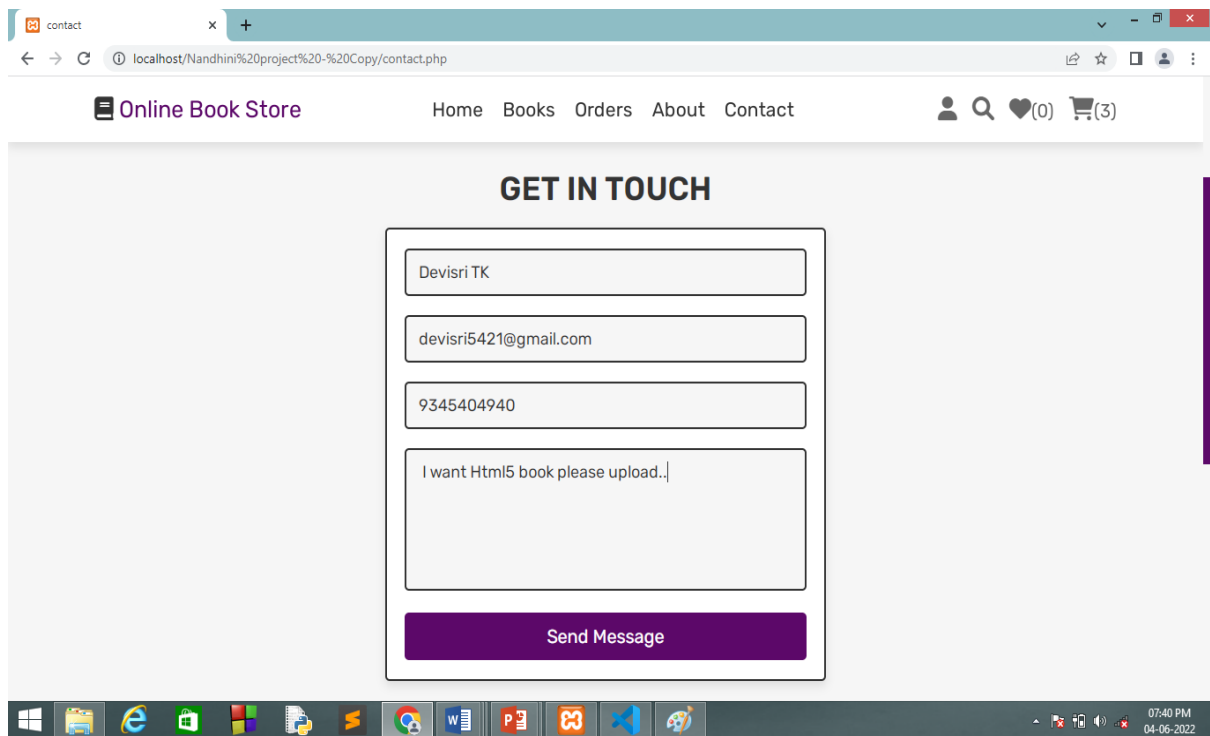


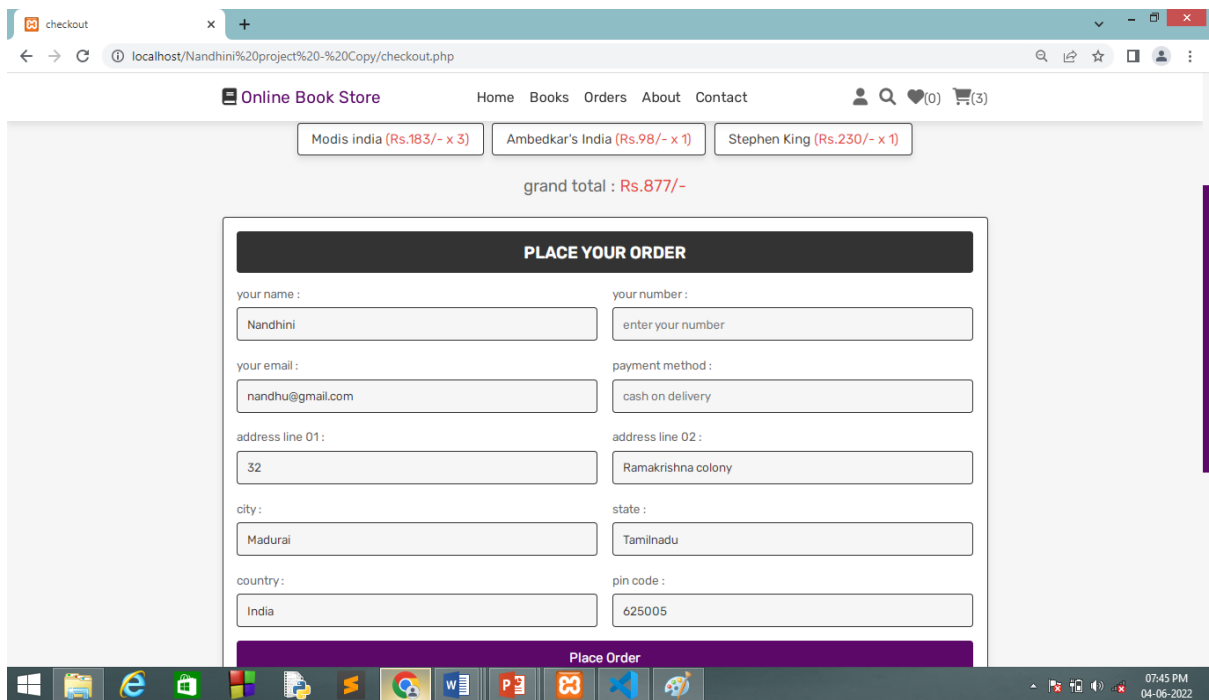
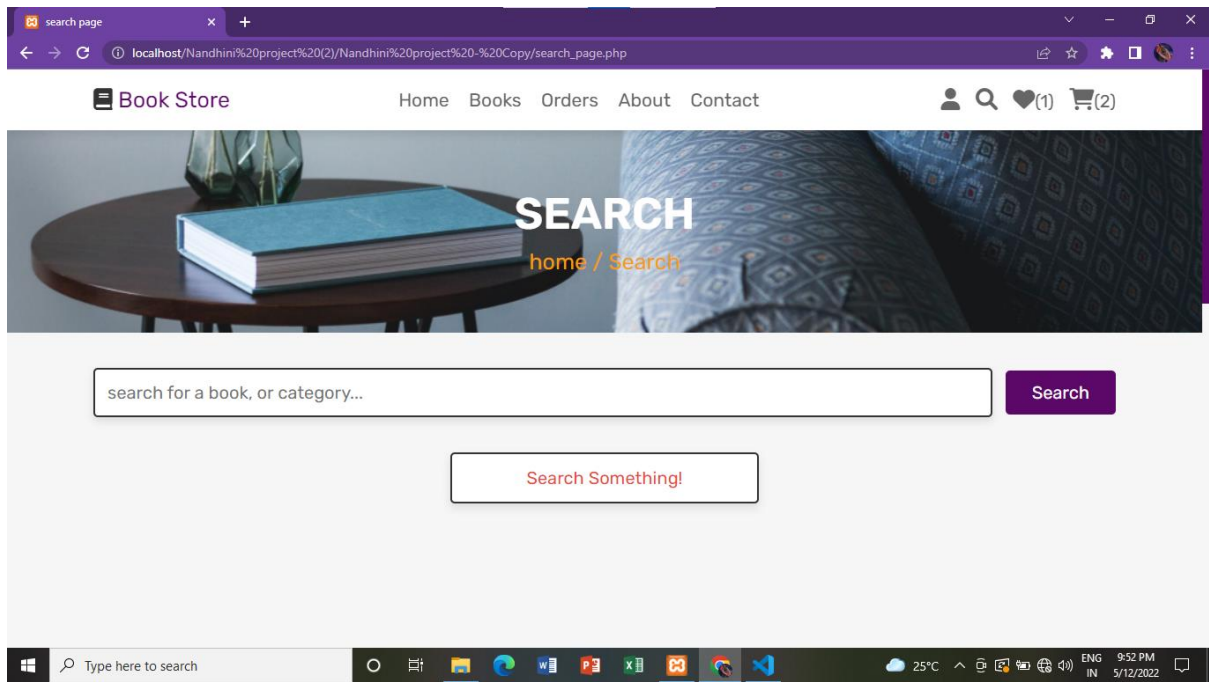












admin page

localhost/Nandhini%20project%20(2)/Nandhini%20project%20-%20Copy/admin_page.php

AdminPanel Home Books Orders Users Messages

DASHBOARD

Rs.0/- total pendings See Orders	Rs.1093/- completed orders See Orders	4 orders placed See Orders	17 Books added See Books
6 total users See Accounts	2 total admins See Accounts	8 total accounts See Accounts	2 total messages See Messages

Type here to search

25°C 9:58 PM 5/12/2022

books

localhost/Nandhini%20project%20(2)/Nandhini%20project%20-%20Copy/admin_products.php

AdminPanel Home Books Orders Users Messages

ADD NEW BOOK

select category

Choose File

No file chosen

enter book Description

[Add Book](#)

Type here to search







25°C 9:58 PM 5/12/2022

users

localhost/Nandhini%20project%20(2)/Nandhini%20project%20-%20Copy/admin_users.php

AdminPanel Home Books Orders Users Messages

USER ACCOUNTS

 <p>user id : 31 username : welcome email : welcome1@gmail.com user type : user</p> <p>Delete</p>	 <p>user id : 34 username : N.k.venkateshwari email : eshu@gmail.com user type : user</p> <p>Delete</p>	 <p>user id : 35 username : devisri email : devisri43@gmail.com user type : user</p> <p>Delete</p>
		

Type here to search

25°C

ENG 10:01 PM 5/12/2022

orders

localhost/Nandhini%20project%20(2)/Nandhini%20project%20-%20Copy/admin_orders.php

AdminPanel Home Books Orders Users Messages

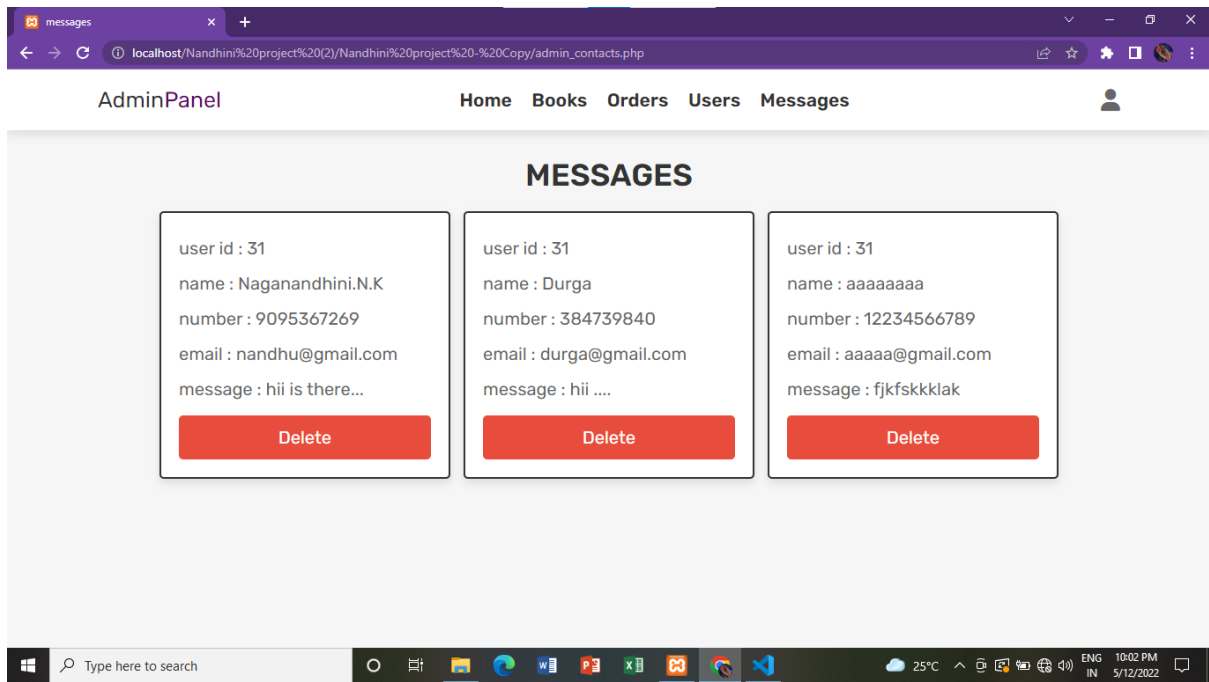
PLACED ORDERS

<p>User id : 31 Placed on : 03-Apr-2022 Name : nandhini Email : dscn@gmail.com Number : 1234567890 Address : flat no. 32 kaitharinagar madurai Tamilnadu india - 625005 Total products : , nandhini (1) Total price : Rs.212/- Payment method : credit card completed</p> <p>Update Delete</p>	<p>User id : 34 Placed on : 05-Apr-2022 Name : N.k.venkateshwari Email : eshu@gmail.com Number : 9092192240 Address : flat no. 32 kaitharinagar Madurai tamil nadu INDIA - 625005 Total products : , nandhini (1) Total price : Rs.212/- Payment method : credit card completed</p> <p>Update Delete</p>	<p>User id : 31 Placed on : 09-Apr-2022 Name : Naganandhini.N.K Email : welcome1@gmail.com Number : 3655796 Address : flat no. 21 hghfghdg madurai tamilnadu india - 625005 Total products : , nandhini (1), business (1), Black forest (1) Total price : Rs.457/- Payment method : paypal completed</p> <p>Update Delete</p>
---	---	--

Type here to search

32°C

ENG 4:01 PM 5/14/2022



6. Source Code:

Register.php

```
<?php
```

```
include 'config.php';
```

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

```
    $name = $_POST['name'];
```

```
    $name = filter_var($name, FILTER_SANITIZE_STRING);
```

```
    $email = $_POST['email'];
```

```
    $email = filter_var($email, FILTER_SANITIZE_STRING);
```

```
    $pass = md5($_POST['pass']);
```

```
    $pass = filter_var($pass, FILTER_SANITIZE_STRING);
```

```
    $cpass = md5($_POST['cpass']);
```

```
    $cpass = filter_var($cpass, FILTER_SANITIZE_STRING);
```

```
    $image = $_FILES['image']['name'];
```



```

$image = filter_var($image, FILTER_SANITIZE_STRING);
$image_size = $_FILES['image']['size'];
$image_tmp_name = $_FILES['image']['tmp_name'];
$image_folder = 'uploaded_img/'.$image;
$select = $conn->prepare("SELECT * FROM `users` WHERE email = ?");
$select->execute([$email]);
if($select->rowCount() > 0){
    $message[] = 'user email already exist!';
}else{
    if($pass != $cpass){
        $message[] = 'confirm password not matched!';
    }else{
        $insert = $conn->prepare("INSERT INTO `users` (name, email, password,
image) VALUES(?,?,?,?)");
        $insert->execute([$name, $email, $pass, $image]);
        if($insert){
            if($image_size > 2000000){
                $message[] = 'image size is too large!';
            }else{
                move_uploaded_file($image_tmp_name, $image_folder);
                $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/6.1.1/css/all.min.css">
    <!-- custom css file link -->
    <link rel="stylesheet" href="css/components.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>
    ',
}
}
?>
<section class="form-container">
    <form action="" enctype="multipart/form-data" method="POST">
        <h3>register now</h3>
        <input type="text" name="name" class="box" placeholder="enter your
name" required>
        <input type="email" name="email" class="box" placeholder="enter your
email" required>
        <input type="password" name="pass" class="box" placeholder="enter your
password" required>
        <input type="password" name="cpass" class="box" placeholder="confirm
your password" required>
        <input type="file" name="image" class="box" required accept="image/jpg,
image/jpeg, image/png">
        <input type="submit" value="register now" class="btn" name="submit">
        <p>already have an account? <a href="login.php">login now</a></p>
    </form>
</section>
</body></html>

```

Login.php

```

<?php

@include 'config.php';

session_start();

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

    $email = $_POST['email'];

    $email = filter_var($email, FILTER_SANITIZE_STRING);

    $pass = md5($_POST['pass']);

    $pass = filter_var($pass, FILTER_SANITIZE_STRING);

    $sql = "SELECT * FROM `users` WHERE email = ? AND password = ?";

    $stmt = $conn->prepare($sql);

    $stmt->execute([$email, $pass]);

    $rowCount = $stmt->rowCount();

    $row = $stmt->fetch(PDO::FETCH_ASSOC);

    if($rowCount > 0){

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

            $_SESSION['admin_id'] = $row['id'];

            header('location:admin_page.php');

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

            $_SESSION['user_id'] = $row['id'];

            header('location:home.php');

        }else{

            $message[] = 'no user found!';

        }

    }

}

```

```

    }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/6.1.1/css/all.min.css">

    <!-- custom css file link -->

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

    ';

}

}

?>

<section class="form-container">

    <form action="" method="POST">

        <h3>login now</h3>

        <input type="email" name="email" class="box" placeholder="enter your
email" required>

        <input type="password" name="pass" class="box" placeholder="enter your
password" required>

        <input type="submit" value="login now" class="btn" name="submit">

        <p>don't have an account? <a href="register.php">register now</a></p>

    </form>

</section>

</body>

</html>

```

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_wishlist'])){
    $pid = $_POST['pid'];
    $pid = filter_var($pid, FILTER_SANITIZE_STRING);
    $p_name = $_POST['p_name'];
    $p_name = filter_var($p_name, FILTER_SANITIZE_STRING);
    $p_price = $_POST['p_price'];
    $p_price = filter_var($p_price, FILTER_SANITIZE_STRING);
    $p_image = $_POST['p_image'];
    $p_image = filter_var($p_image, FILTER_SANITIZE_STRING);

    $check_wishlist_numbers = $conn->prepare("SELECT * FROM `wishlist`
    WHERE name = ? AND user_id = ?");
    $check_wishlist_numbers->execute([$p_name, $user_id]);

    $check_cart_numbers = $conn->prepare("SELECT * FROM `cart` WHERE
    name = ? AND user_id = ?");

    $check_cart_numbers->execute([$p_name, $user_id]);

    if($check_wishlist_numbers->rowCount() > 0){
        $message[] = 'already added to wishlist!';
    }elseif($check_cart_numbers->rowCount() > 0){
        $message[] = 'already added to cart!';
    }else{

```

```

    $insert_wishlist = $conn->prepare("INSERT INTO `wishlist`(user_id, pid,
name, price, image) VALUES(?,?,?,?,?)");

    $insert_wishlist->execute([$user_id, $pid, $p_name, $p_price, $p_image]);

    $message[] = 'added to wishlist!';

}

}

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

    $pid = $_POST['pid'];

    $pid = filter_var($pid, FILTER_SANITIZE_STRING);

    $p_name = $_POST['p_name'];

    $p_name = filter_var($p_name, FILTER_SANITIZE_STRING);

    $p_price = $_POST['p_price'];

    $p_price = filter_var($p_price, FILTER_SANITIZE_STRING);

    $p_image = $_POST['p_image'];

    $p_image = filter_var($p_image, FILTER_SANITIZE_STRING);

    $p_qty = $_POST['p_qty'];

    $p_qty = filter_var($p_qty, FILTER_SANITIZE_STRING);

    $check_cart_numbers = $conn->prepare("SELECT * FROM `cart` WHERE
name = ? AND user_id = ?");

    $check_cart_numbers->execute([$p_name, $user_id]);

    if($check_cart_numbers->rowCount() > 0){

        $message[] = 'already added to cart!';

    }else{

```



```

    $check_wishlist_numbers = $conn->prepare("SELECT * FROM `wishlist`
WHERE name = ? AND user_id = ?");

    $check_wishlist_numbers->execute([$p_name, $user_id]);

    if($check_wishlist_numbers->rowCount() > 0){

        $delete_wishlist = $conn->prepare("DELETE FROM `wishlist` WHERE name
= ? AND user_id = ?");

        $delete_wishlist->execute([$p_name, $user_id]);

    }

    $insert_cart = $conn->prepare("INSERT INTO `cart`(user_id, pid, name,
price, quantity, image) VALUES(?,?,?,?,?,?)");

    $insert_cart->execute([$user_id, $pid, $p_name, $p_price, $p_qty,
$p_image]);

    $message[] = '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 page</title>

    <!-- font awesome cdn link -->

```

```

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">

<!-- custom css file link -->

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

</head>

<body>

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

<div class="home-bg">

    <section class="home">

        <div class="content">

            <span>All Great Leaders Are Readers</span>

            <h3>Books are a uniquely portable magic</h3>

            <p>"Don't close the book when bad things happen in your life, just turn
the page and begin a new chapter"</p>

            <a href="about.php" class="btn">Read more</a>

        </div>

    </section>

</div>

<section class="home-category">

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

    <div class="box-container">

        <div class="box">

```

```

    <h3>Programming</h3>

    <p></p>

    <a href="category.php?category=Programming"
class="btn">Programming</a>

</div>

<div class="box">

    <h3>Childrens</h3>

    <p></p>

    <a href="category.php?category=Childrens" class="btn">Childrens</a>

</div>

<div class="box">

    <h3>Entrance exam</h3>

    <p></p>

    <a href="category.php?category=Entrance exam" class="btn">Entrance
exam</a>

</div>

<div class="box">

    <h3>History</h3>

    <p></p>

```

```

        <a href="category.php?category=History" class="btn">History</a>

    </div>

</div>

</section>

<section class="products">

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

    <div class="box-container">

        <?php

            $select_products = $conn->prepare("SELECT * FROM `products` LIMIT 6");

            $select_products->execute();

            if($select_products->rowCount() > 0){

                while($fetch_products = $select_products->fetch(PDO::FETCH_ASSOC)){

                    ?>

                    <form action="" class="box" method="POST">

                        <div class="price">Rs.<span><?= $fetch_products['price']; ?></span>/-

                    </div>

                        <a href="view_page.php?pid=<?= $fetch_products['id']; ?>" class="fas fa-eye"></a>

                        <div class="name"><?= $fetch_products['name']; ?></div>

                        <input type="hidden" name="pid" value="<?= $fetch_products['id']; ?>">

                        <input type="hidden" name="p_name" value="<?=

                    $fetch_products['name']; ?>">

```

```
<input type="hidden" name="p_price" value="<?= $fetch_products['price'];
?>">
```

```
<input type="hidden" name="p_image" value="<?=
$fetch_products['image']; ?>">
```

```
<input type="number" min="1" value="1" name="p_qty" class="qty">
```

```
<input type="submit" value="add to wishlist" class="option-btn"
name="add_to_wishlist">
```

```
<input type="submit" value="add to cart" class="btn"
name="add_to_cart">
```

```
</form>
```

```
<?php
```

```
}
```

```
}else{
```

```
echo '<p class="empty">no products added yet!</p>';
```

```
}
```

```
?>
```

```
</div>
```

```
<div class="more-btn" style="margin: 0% 42%">
```

```
<a href="shop.php"class="option-btn">Load more</a>
```

```
</div>
```

```
</section>
```

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

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

```
</body>
```

```
</html>
```

Shop.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_wishlist'])){

    $pid = $_POST['pid'];

    $pid = filter_var($pid, FILTER_SANITIZE_STRING);
    $p_name = $_POST['p_name'];
    $p_name = filter_var($p_name, FILTER_SANITIZE_STRING);
    $p_price = $_POST['p_price'];
    $p_price = filter_var($p_price, FILTER_SANITIZE_STRING);
    $p_image = $_POST['p_image'];
    $p_image = filter_var($p_image, FILTER_SANITIZE_STRING);

    $check_wishlist_numbers = $conn->prepare("SELECT * FROM `wishlist`
    WHERE name = ? AND user_id = ?");
    $check_wishlist_numbers->execute([$p_name, $user_id]);

    $check_cart_numbers = $conn->prepare("SELECT * FROM `cart` WHERE
    name = ? AND user_id = ?");
```

```

$check_cart_numbers->execute([$p_name, $user_id]);
if($check_wishlist_numbers->rowCount() > 0){
    $message[] = 'already added to wishlist!';
}elseif($check_cart_numbers->rowCount() > 0){
    $message[] = 'already added to cart!';
}else{
    $insert_wishlist = $conn->prepare("INSERT INTO `wishlist`(user_id, pid,
name, price, image) VALUES(?,?,?,?,?)");
    $insert_wishlist->execute([$user_id, $pid, $p_name, $p_price, $p_image]);
    $message[] = 'added to wishlist!';
}
}
if(isset($_POST['add_to_cart'])){
    $pid = $_POST['pid'];
    $pid = filter_var($pid, FILTER_SANITIZE_STRING);
    $p_name = $_POST['p_name'];
    $p_name = filter_var($p_name, FILTER_SANITIZE_STRING);
    $p_price = $_POST['p_price'];
    $p_price = filter_var($p_price, FILTER_SANITIZE_STRING);
    $p_image = $_POST['p_image'];
    $p_image = filter_var($p_image, FILTER_SANITIZE_STRING);
    $p_qty = $_POST['p_qty'];
    $p_qty = filter_var($p_qty, FILTER_SANITIZE_STRING);

```

```

    $check_cart_numbers = $conn->prepare("SELECT * FROM `cart` WHERE
name = ? AND user_id = ?");

    $check_cart_numbers->execute([$p_name, $user_id]);

    if($check_cart_numbers->rowCount() > 0){

        $message[] = 'already added to cart!';

    }else{

        $check_wishlist_numbers = $conn->prepare("SELECT * FROM `wishlist`
WHERE name = ? AND user_id = ?");

        $check_wishlist_numbers->execute([$p_name, $user_id]);

        if($check_wishlist_numbers->rowCount() > 0){

            $delete_wishlist = $conn->prepare("DELETE FROM `wishlist` WHERE name
= ? AND user_id = ?");

            $delete_wishlist->execute([$p_name, $user_id]);

        }

        $insert_cart = $conn->prepare("INSERT INTO `cart`(user_id, pid, name,
price, quantity, image) VALUES(?,?,?,?,?,?)");

        $insert_cart->execute([$user_id, $pid, $p_name, $p_price, $p_qty,
$p_image]);

        $message[] = '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>shop</title>

    <!-- font awesome cdn link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/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>Our Books</h3>

    <p> <a href="home.php">home</a> / Books </p>

</div><br>

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

<section class="p-category">

    <a href="category.php?category=Programming">Programming</a>

    <a href="category.php?category=Childrens">Childrens</a>

    <a href="category.php?category=Cooking">Cooking</a>

```

```

<a href="category.php?category=Entrance Exam">Entrance Exam</a>
<a href="category.php?category=Education">Education</a>
<a href="category.php?category=History">History</a>
<a href="category.php?category=Horror">Horror</a>
<a href="category.php?category=Business">Business</a>
</section>
<section class="products">
  <h1 class="title">latest products</h1>
  <div class="box-container">
    <?php
      $select_products = $conn->prepare("SELECT * FROM `products` LIMIT 6");
      $select_products->execute();
      if($select_products->rowCount() > 0){
        while($fetch_products = $select_products->fetch(PDO::FETCH_ASSOC)){
          ?>
          <form action="" class="box" method="POST">
            <div class="price">Rs.<span><?= $fetch_products['price']; ?></span>/-
          </div>
            <a href="view_page.php?pid=<?= $fetch_products['id']; ?>" class="fas fa-eye"></a>
            
            <div class="name"><?= $fetch_products['name']; ?></div>
            <input type="hidden" name="pid" value="<?= $fetch_products['id']; ?>">

```

```

        <input type="hidden" name="p_name" value="<?=$fetch_products['name']; ?>">

        <input type="hidden" name="p_price" value="<?=$fetch_products['price'];
?>">

        <input type="hidden" name="p_image" value="<?=$fetch_products['image']; ?>">

        <input type="number" min="1" value="1" name="p_qty" class="qty">

        <input type="submit" value="add to wishlist" class="option-btn"
name="add_to_wishlist">

        <input type="submit" value="add to cart" class="btn"
name="add_to_cart">

    </form>

    <?php

    }

    }else{

        echo '<p class="empty">no products added yet!</p>';

    }

    ?>

</div>

</section>

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

<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="flex">

        <a href="admin_page.php" class="logo"> <i class="fas fa-book"></i>
    <span> Online Book Store</span></a>

        <nav class="navbar">

            <a href="home.php">Home</a>

            <a href="shop.php">Books</a>

            <a href="orders.php">Orders</a>

            <a href="about.php">About</a>

            <a href="contact.php">Contact</a>
```

```

</nav>

<div class="icons">

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

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

    <a href="search_page.php" class="fas fa-search"></a>

    <?php

        $count_cart_items = $conn->prepare("SELECT * FROM `cart` WHERE
user_id = ?");

        $count_cart_items->execute([$user_id]);

        $count_wishlist_items = $conn->prepare("SELECT * FROM `wishlist`
WHERE user_id = ?");

        $count_wishlist_items->execute([$user_id]);

    ?>

    <a href="wishlist.php"><i class="fas fa-heart"></i><span>(<?=
$count_wishlist_items->rowCount(); ?>)</span></a>

    <a href="cart.php"><i class="fas fa-shopping-cart"></i><span>(<?=
$count_cart_items->rowCount(); ?>)</span></a>

</div>

<div class="profile">

    <?php

        $select_profile = $conn->prepare("SELECT * FROM `users` WHERE id =
?");

        $select_profile->execute([$user_id]);

        $fetch_profile = $select_profile->fetch(PDO::FETCH_ASSOC);

    ?>

```

```


<p><?= $fetch_profile['name']; ?></p>
<a href="user_profile_update.php" class="btn">update profile</a>
<a href="logout.php" class="delete-btn">logout</a>
<div class="flex-btn">
    <a href="login.php" class="option-btn">login</a>
    <a href="register.php" class="option-btn">register</a>
</div>
</div>
</div>
</header>

```

Cart.php

```

<?php
@include 'config.php';
session_start();
$user_id = $_SESSION['user_id'];
if(!isset($user_id)){
    header('location:login.php');
};
if(isset($_GET['delete'])){
    $delete_id = $_GET['delete'];
    $delete_cart_item = $conn->prepare("DELETE FROM `cart` WHERE id = ?");
    $delete_cart_item->execute([$delete_id]);
}

```

```

    header('location:cart.php');
}

if(isset($_GET['delete_all'])){
    $delete_cart_item = $conn->prepare("DELETE FROM `cart` WHERE user_id = ?");
    $delete_cart_item->execute([$user_id]);
    header('location:cart.php');
}

if(isset($_POST['update_qty'])){
    $cart_id = $_POST['cart_id'];
    $p_qty = $_POST['p_qty'];
    $p_qty = filter_var($p_qty, FILTER_SANITIZE_STRING);
    $update_qty = $conn->prepare("UPDATE `cart` SET quantity = ? WHERE id = ?");
    $update_qty->execute([$p_qty, $cart_id]);
    $message[] = 'cart quantity updated';
}

?>

<!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>shopping cart</title>

<!-- font awesome cdn link -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/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 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 = $conn->prepare("SELECT * FROM `cart` WHERE user_id = ?");

            $select_cart->execute([$user_id]);

            if($select_cart->rowCount() > 0){

                while($fetch_cart = $select_cart->fetch(PDO::FETCH_ASSOC)){

                    ?>

                }

            }

            <form action="" method="POST" class="box">

```



```
<a href="cart.php?delete=<?=$fetch_cart['id']; ?>" class="fas fa-times"
onclick="return confirm('delete this from cart?');"></a>
```

```
<a href="view_page.php?pid=<?=$fetch_cart['pid']; ?>" class="fas fa-
eye"></a>
```

```

```

```
<div class="name"><?=$fetch_cart['name']; ?></div>
```

```
<div class="price">Rs.<?=$fetch_cart['price']; ?>/</div>
```

```
<input type="hidden" name="cart_id" value="<?=$fetch_cart['id']; ?>">
```

```
<div class="flex-btn">
```

```
<input type="number" min="0" value="0" <?=$fetch_cart['quantity']; ?>"
class="qty" name="p_qty">
```

```
<input type="submit" value="update" name="update_qty" class="option-
btn">
```

```
</div>
```

```
<div class="sub-total"> sub total : <span>Rs.<?=$sub_total =
($fetch_cart['price'] * $fetch_cart['quantity']); ?>/</span> </div>
```

```
</form>
```

```
<?php
```

```
$grand_total += $sub_total;
```

```
}
```

```
}else{
```

```
echo '<p class="empty">your cart is empty</p>';
```

```
}
```

```
?>
```

```

</div>

<div class="cart-total">

    <p>grand total : <span>Rs.<?=$grand_total;?>/-</span></p>

    <a href="shop.php" class="option-btn">continue shopping</a>

    <a href="cart.php?delete_all" class="delete-btn <?=( $grand_total >
1)?":'disabled';?>">delete all</a>

    <a href="checkout.php" class="btn <?=( $grand_total > 1)?":'disabled';
?>">proceed to checkout</a>

</div>

</section>

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

<script src="js/script.js"></script>

</body>

</html>

```

Wishlist.php

```

session_start();

$user_id = $_SESSION['user_id'];

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

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

```

```

$pid = $_POST['pid'];
$pid = filter_var($pid, FILTER_SANITIZE_STRING);
$p_name = $_POST['p_name'];
$p_name = filter_var($p_name, FILTER_SANITIZE_STRING);
$p_price = $_POST['p_price'];
$p_price = filter_var($p_price, FILTER_SANITIZE_STRING);
$p_image = $_POST['p_image'];
$p_image = filter_var($p_image, FILTER_SANITIZE_STRING);
$p_qty = $_POST['p_qty'];
$p_qty = filter_var($p_qty, FILTER_SANITIZE_STRING);

$check_cart_numbers = $conn->prepare("SELECT * FROM `cart` WHERE
name = ? AND user_id = ?");

$check_cart_numbers->execute([$p_name, $user_id]);

if($check_cart_numbers->rowCount() > 0){
    $message[] = 'already added to cart!';
}else{

    $check_wishlist_numbers = $conn->prepare("SELECT * FROM `wishlist`
WHERE name = ? AND user_id = ?");

    $check_wishlist_numbers->execute([$p_name, $user_id]);

```

```

        if($check_wishlist_numbers->rowCount() > 0){

            $delete_wishlist = $conn->prepare("DELETE FROM `wishlist` WHERE name
= ? AND user_id = ?");

            $delete_wishlist->execute([$p_name, $user_id]);

        }


        $insert_cart = $conn->prepare("INSERT INTO `cart`(user_id, pid, name,
price, quantity, image) VALUES(?,?,?,?,?,?)");

        $insert_cart->execute([$user_id, $pid, $p_name, $p_price, $p_qty,
$p_image]);

        $message[] = 'added to cart!';

    }

}


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

    $delete_id = $_GET['delete'];

    $delete_wishlist_item = $conn->prepare("DELETE FROM `wishlist` WHERE id
= ?");

    $delete_wishlist_item->execute([$delete_id]);

    header('location:wishlist.php');

}

```

```

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

    $delete_wishlist_item = $conn->prepare("DELETE FROM `wishlist` WHERE
user_id = ?");

    $delete_wishlist_item->execute([$user_id]);

    header('location:wishlist.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>wishlist</title>

    <!-- font awesome cdn link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/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 wishlist</h3>
```

```
    <p> <a href="home.php">home</a> / Wishlist </p>
```

```
</div>
```

```
<section class="wishlist">
```

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

```
    <div class="box-container">
```

```
        <?php
```

```
            $grand_total = 0;
```

```
            $select_wishlist = $conn->prepare("SELECT * FROM `wishlist` WHERE  
user_id = ?");
```

```
            $select_wishlist->execute([$user_id]);
```

```
            if($select_wishlist->rowCount() > 0){
```

```
                while($fetch_wishlist = $select_wishlist->fetch(PDO::FETCH_ASSOC)){
```

?>

<form action="" method="POST" class="box">

<a href="wishlist.php?delete=<?= \$fetch_wishlist['id']; ?>" class="fas fa-times" onclick="return confirm('delete this from wishlist?');">

<a href="view_page.php?pid=<?= \$fetch_wishlist['pid']; ?>" class="fas fa-eye">

<div class="name"><?= \$fetch_wishlist['name']; ?></div>

<div class="price">Rs.<?= \$fetch_wishlist['price']; ?>/</div>

<input type="number" min="0" value="0" class="qty" name="p_qty">

<input type="hidden" name="pid" value="<?= \$fetch_wishlist['pid']; ?>">

<input type="hidden" name="p_name" value="<?= \$fetch_wishlist['name']; ?>">

<input type="hidden" name="p_price" value="<?= \$fetch_wishlist['price']; ?>">

<input type="hidden" name="p_image" value="<?= \$fetch_wishlist['image']; ?>">

<input type="submit" value="add to cart" name="add_to_cart" class="btn">

</form>

<?php

\$grand_total += \$fetch_wishlist['price'];

}

}else{

echo '<p class="empty">your wishlist is empty</p>';

```
}
```

```
?>
```

```
</div>
```

```
<div class="wishlist-total">
```

```
    <p>grand total : <span>Rs.<?=$grand_total; ?>/-</span></p>
```

```
    <a href="shop.php" class="option-btn">continue shopping</a>
```

```
    <a href="wishlist.php?delete_all" class="delete-btn <?=( $grand_total >
1)?":'disabled'; ?>">delete all</a>
```

```
</div>
```

```
</section>
```

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

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

```
</body>
```

```
</html>
```


7. SYSTEM TESTING:

TESTING PROCEDURES

7.1.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.

7.2.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.

7.3.System Testing:

System testing is used to verify, whether the developed system meets the requirements.

7.4.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.

8. SYSTEM IMPLEMENTATION:

Implementation approaches

The Software Design Description Document has been used as input in the implementation process. The actual implementation has been done using PHP. PHP has been used to interact with the backend database. In this implementation, My SQL Server has been used as the backend RDBMS. PHP processes the inputs or commands given by the user and translates them in the commands understandable to the backend database. The output produced by the backend database is also handled by PHP which then displayed on the Browser screen.

9. FUTURE SCOPE OF THE PROJECT:

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 lack 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.

10. CONCLUSION:

After implementing the application it will contain the advantages were incomparable to the present contemporary systems used by company. The most admirable feature founded was its simplicity in terms of application to the user but its highly beneficial outputs can't be ignored. The users will be highly benefited after using the system.

It is hoped that this project will help the future developers to modify and implement the system. After modifying some techniques of the programs, it will give us the best performance as our requirements. The project will be very useful for the users.

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