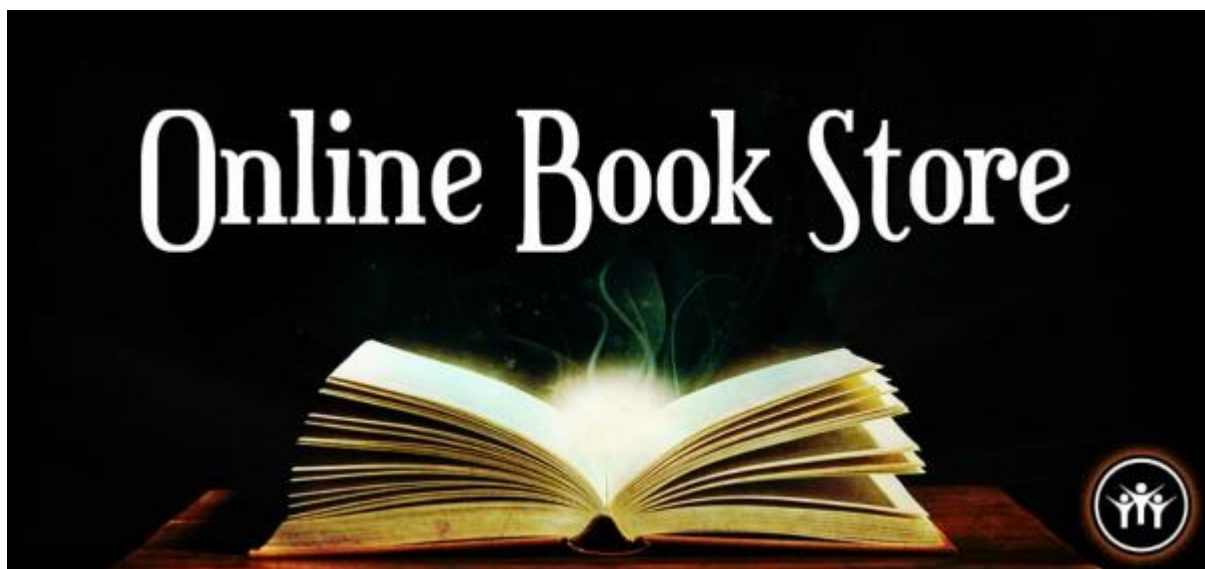**NAAN MUDHALVAN**

**Cloud Application Development Phase 3**

Project : E-commerce Application On IBM Cloud Foundry

Name : Sathiya Sri. A

Register no : 711221243039

Title : Online Book Store App



## INTRODUCTION :

Our online book store app is your one-stop destination for all things literary. Whether you're an avid bookworm, a casual reader, or just looking for a convenient way to access your favorite titles, our app has got you covered.

With our user-friendly interface, extensive library of titles, and a host of exciting features, we're redefining the way you discover, purchase, and enjoy books.

## Project Features:
a) Registration System
b) Login System
c) Admin Panel
d) User Panel
e) Add to Cart Option

f) Add New Book Products

g) Edit/Update Individual Book Products

h) View Books According to Category

i) Individual Book's Few Pages Preview Before Purchase

j) User's Ordered Books View With Delivery Date

k) Admin All Book Purchased Book View With Delivery Date

l) Upload Images And Pdf When Adding A Book

m) Delete A Book Along With Image And Pdf

n) Validation For Any Input Inserted

# REQUIREMENTS:

## • Hardware Requirements:

A computer, mobile or a device with internet connectivity is needed to run the system.

## • Software Requirements:

Css, Php, Java script, Sql

# STEPS TO FOLLOW:

**STEP 1:** User registration

Creating a robust and user-friendly registration system is a crucial component of any online book store app. This system not only allows users to access and enjoy the app's features but also serves as a means of connecting with your customers and tailoring their experience.

```php
<?php

include 'Config/connect.php';

session_start();

if(!isset($_SESSION['loggedin']) || $_SESSION['loggedin'] != true || $_SESSION['email'] == 'admin@gmail.com') {
 header("location: login.php");
 exit;
} else {

}


//USER
$user_email = $_SESSION['email'];
$sql_user  = "SELECT * FROM `users` WHERE email='$user_email'";
$user_list = mysqli_query($conn, $sql_user);
$user_row = mysqli_fetch_assoc($user_list);
$user_id = $user_row['id'];


$purchase_book = "SELECT * FROM `book_purchase` WHERE user_id=$user_id";
```

```php
$purchase_list = mysqli_query($conn, $purchase_book);
$purchase_rows = mysqli_num_rows($purchase_list);


$months = ['', 'January', 'February', 'March', 'April', 'May', 'June', 'July ', 'August', 'September', 'October', 'November',
'December'];

function total_days($year, $month, $day) {
  return $year * 365 + $month * 30 + $day;
}

function time_difference($time_day_now, $time_day_past) {
  return $time_day_now - $time_day_past;
}

function delivery_time($date_remaining) {
  if($date_remaining >= 5) {
    return "<button class='btn btn-success'>Delivered</button>";
  } else {
    $delivery_remaining = 5 - $date_remaining;
    return $delivery_remaining . " days remaining";
  }
}

?>


<!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">
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css" integrity="sha512-
9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9xC6qOPnzFeg=="
crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Roy's Online Book Store</title>
</head>
<body class="bg-dark text-light">


    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="collapse navbar-collapse container" id="navbarSupportedContent">
        <a class="navbar-brand" href="#">Welcome <?php echo  ucfirst(explode("@",$_SESSION['email'])[0]) ?></a>

        <ul class="navbar-nav ml-auto">
         <li class="nav-item active">
          <a class="nav-link" href="user.php">Dashboard</a>
         </li>
         <li class="nav-item active">
            <a class="nav-link" href="books.php">Books</a>
         </li>
         <li class="nav-item active">
            <a class="nav-link" href="logout.php">Logout</a>
         </li>
        </ul>
        </div>
    </nav>
```

```php
<?php
$cart_book_sql = "SELECT * FROM `book_cart` WHERE user_id=$user_id";
$cart_book = mysqli_query($conn, $cart_book_sql);
$num_cart_rows = mysqli_num_rows($cart_book);

if($num_cart_rows > 0) {
  $book_cart_user = "SELECT * FROM `book_cart` WHERE user_id=$user_id";
  $user_cart_list = mysqli_query($conn, $book_cart_user);
  $num_cart_user_rows = mysqli_num_rows($user_cart_list);

  $user_cart_id = "cart.php?userid=".$user_id;
  echo '<div class="alert alert-success w-50 mx-auto" role="alert">
        Added To Cart <b><span>' . $num_cart_user_rows . '</span> Book Added</b>
        <a type="submit" href="'.$user_cart_id.'" class="btn btn-outline-secondary bg-dark text-white ml-5 font-weight-
bold" value="" name="submit" type="button">Proceed To Checkout</a>
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
        <span aria-hidden="true">&times;</span>
      </button>
    </div>';
}


if($purchase_rows > 0) {



  echo '<div class="admin-section">
        <h1 class="heading mt-5 p-5 h1">Products Purchased</h1>
      </div>

      <h1 class="heading mt-5 p-5 h2">Books Ordered</h1>
      <table class="table table-dark mx-auto" style="text-align: center; width: 80%;">
          <thead>';
        echo '<tr>
            <th scope="col">#</th>
            <th scope="col">Book name</th>
            <th scope="col">Book id</th>
            <th scope="col">Price</th>
            <th scope="col">Date Purchased</th>
            <th scope="col">Delivery Duration</th>
          </tr>
        </thead>
        <tbody>';

        $count = 1;
        while($row = mysqli_fetch_assoc($purchase_list)) {
         $book_id = $row['product_id'];
         $book_title = $row['product_name'];
         $price = $row['price'];
         $time = $row['date_purchased'];


         $time_split = explode(':', $time);
         $day = (int)$time_split[0];
         $month = (int)$time_split[1];
         $month_name = $months[$month];
         $year = (int)$time_split[2];
         $total_day_then = total_days($year, $month, $day);
```

```php
                $time_now = date("d:m:y");
                $time_now_split = explode(':', $time_now);
                $day_now = (int)$time_now_split[0];
                $month_now = (int)$time_now_split[1];
                $year_now = (int)$time_now_split[2];
                $total_day_now = total_days($year_now, $month_now, $day_now);

                $delivery_status = delivery_time(time_difference($total_day_now, $total_day_then));

                echo '<tr>
                    <th scope="row">'.$count.'</th>
                    <td>'.$book_title.'</td>
                    <td>'.$book_id.'</td>
                    <td>'.$price.' Tk</td>
                    <td>'.$day .' '. $month_name.' 20' . $year.'</td>
                    <td>'. $delivery_status .'</td>
                </tr>';
                $count += 1;

            }
        echo '</tbody>
        </table>';
    } else {
     echo '<div class="admin-section">
            <h1 class="heading mt-5 p-5 h1">Order Books At Resonable Prices</h1>
        </div>
        <a class="btn btn-info mx-auto w-50 d-block" href="books.php">Click Here To Order Books At Resonable
Prices</a>';
    }

  ?>




    <script src="https://cdnjs.cloudflare.com/ajax/libs/date-fns/2.0.0-alpha0/date_fns.min.js" integrity="sha512-
0kon+2zxkK5yhflwFqaTaIhLVDKGVH0YH/jm8P8Bab/4EOgC/n7gWyy7WE4EXrfPOVDeNdaebiAng0nsfeFd9A=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js" integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
    <script src="js/app.js"></script>

</body>
</html>
```

## STEP 2: Login

A well-structured login system in online book store app is a fundamental
element to ensure user access, security, and personalized experiences.

```php
<?php
include 'Config/connect.php';

$login = false;
$showError = false;

if($_SERVER["REQUEST_METHOD"] == "POST") {
```

```php
  $email = $_POST["email"];
  $password = $_POST["password"];
  $exits = false;

  $sql = "Select * from users where email='$email' AND password='$password'";
  $result = mysqli_query($conn, $sql);
  $num = mysqli_num_rows($result);
  //echo $num;

  if ($num == 1) {
    $login = true;
    session_start();
    $_SESSION['loggedin'] = true;
    $_SESSION['email'] = $email;

    if($_SESSION['email'] != "admin@gmail.com") {
      header("location: user.php");
    } else {
      header("location: admin.php");
    }

  }
  else {
    $showError = "Invalid Credentials";
  }

}
?>
<!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">
  <link rel="stylesheet" href="css/style.css">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css" integrity="sha512-9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9xC6qOPnzFeg==" crossorigin="anonymous" referrerpolicy="no-referrer" />
  <title>Roy's Online Book Store</title>
</head>
<body class="bg-dark text-light">


  <?php require 'nav.php'; ?>

  <h1 class="heading mt-5 h1">Login</h1>

  <div class="login" id="login-form-input">
    <form class="login-form mx-auto m-2 p-5" action="login.php" method="post">
      <div class="form-group">
        <label for="exampleInputEmail1">Email address</label>
        <input type="email" class="form-control" id="email" name="email"  placeholder="Enter email" required>
        <p id="alertEmail" class="text-danger font-weight-bold form-text"></p>
      </div>
      <div class="form-group">
        <label for="exampleInputPassword1">Password</label>
        <input type="password" class="form-control" id="password" name="password" placeholder="Password">
        <p id="alertPassword" class="text-danger font-weight-bold form-text"></p>
      </div>
      <button type="submit" class="btn btn-primary">Login</button>
```

```
        </form>
    </div>


    <script src="https://cdnjs.cloudflare.com/ajax/libs/date-fns/2.0.0-alpha0/date_fns.min.js" integrity="sha512-
0kon+2zxkK5yhflwFqaTaIhLVDKGVH0YH/jm8P8Bab/4EOgC/n7gWyy7WE4EXrfPOVDeNdaebiAng0nsfeFd9A=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js" integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/login.js"></script>

</body>
</html>
```

## STEP 3: Book Selection

Book selection is a fundamental aspect of an online book store app, as it directly influences the user experience and the success of your platform. User can Browse and Search, Find details of book, Review and Ratings, Sample pages

## STEP 4: Cart

The "Add to Cart" feature in an online book store app is a crucial functionality that allows users to collect and organize the books they wish to purchase before proceeding to checkout.

```php
<?php
ob_start();


include 'Config/connect.php';
$id = $_GET['userid'];
session_start();


if(!isset($_SESSION['loggedin']) || $_SESSION['loggedin'] != true || $_SESSION['email'] == 'admin@gmail.com') {
  header("location: login.php");
  exit;
}

$cart_book_sql = "SELECT * FROM `book_cart` WHERE user_id=$id";
$cart_book = mysqli_query($conn, $cart_book_sql);
$num_cart_rows = mysqli_num_rows($cart_book);

if($num_cart_rows == 0) {
  header("location: books.php");
    exit;
}




//USER
$sql_user  = "SELECT * FROM `users` WHERE id='$id'";
```

```php
$user_list = mysqli_query($conn, $sql_user);
$user_row = mysqli_fetch_assoc($user_list);
$location = $user_row['location'];


if($_SERVER["REQUEST_METHOD"] == "POST") {
  $updated_location = $_POST['location'];
  $user_update = "UPDATE `users` SET `location` = '$updated_location' WHERE `users`.`id` = $id;";
  $user_update_query = mysqli_query($conn, $user_update);
  print_r($user_update_query);
  if($user_update_query) {
    header('Location: ' . $_SERVER['HTTP_REFERER']);
    exit;
  }
}

?>
```

```html
<!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">
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css" integrity="sha512-9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9xC6qOPnzFeg==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Roy's Online Book Store</title>
</head>
<body class="bg-dark text-light">


    <?php require 'nav.php'; ?>

    <div class="alert alert-success" role="alert" hidden>
        Book Purchased Successfully
    </div>


    <div class="admin-section">
        <h1 class="heading mt-5 p-5 h1">Cart</h1>
    </div>



    <h1 class="heading h2 mb-5">Books Ordered</h1>
    <table class="table table-dark mx-auto" style="text-align: center; width: 80%;">
        <thead>
         <tr>
          <th scope="col">#</th>
          <th scope="col">Book name</th>
          <th scope="col">Price</th>
          <th scope="col">Remove Product</th>
         </tr>
        </thead>
        <tbody>

        <?php
```

```php
        $count = 1;
        $total = 0;

        while($row = mysqli_fetch_assoc($cart_book)) {
         $cart_id = $row['id'];
         $user_id = $row['user_id'];
         $product_id = $row['product_id'];
         $book_id = $row['product_id'];
         $user_name = $row['user_name'];
         $book_title = $row['product_name'];
         $price = $row['price'];
         $total += $price;
         $delete_id = "cart-delete.php?bookid=".$product_id;

        echo '<tr>
              <th scope="row">'. $count .'</th>
              <td>'. $book_title .'</td>
              <td>'. $price .'Tk</td>
              <td><a href="'.$delete_id.'" class="btn bg-danger text-white">Delete</a></td>
            </tr>';

        $count += 1;

      }
    ?>

      <tr>
       <td>
       <td>Total Price</td>
       <td colspan="2"> <?php echo $total ?> Taka</td>
      </tr>

    </tbody>
   </table>

   <form class="input-group mb-5 mt-4 w-50 mx-auto" method="post">
     <label for="location" class="h4 pr-3">Delivery Location</label>
     <input type="text" class="form-control font-weight-bold" id="location" name="location"  placeholder="Enter your
location" value="<?php echo $location ?>" required>
     <button type="submit" class="btn btn-outline-secondary btn-primary text-white font-weight-bold" >Change Delivery
Location</button>
   </form>


   <div class="purchase-btn mb-5">
    <?php
     $user_cart_id = "delete-cart-add-purchase.php?userid=".$id;

    ?>
    <a href="<?php echo $user_cart_id ?>" class="btn btn-primary">Purchase Book</a>
   </div>
   <script src="https://cdnjs.cloudflare.com/ajax/libs/date-fns/2.0.0-alpha0/date_fns.min.js" integrity="sha512-
0kon+2zxkK5yhflwFqaTaIhLVDKGVH0YH/jm8P8Bab/4EOgC/n7gWyy7WE4EXrfPOVDeNdaebiAng0nsfeFd9A=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
   <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js" integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
     <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
   <script src="js/app.js"></script>
```

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

## STEP 5: Admin Control

Admin control in an online book store app is essential for managing various aspects of the platform, ensuring smooth operations, and providing a seamless experience to users.

```php
<?php

include 'Config/connect.php';

session_start();

if($_SESSION['email'] != "admin@gmail.com") {
 header("location: login.php");
 exit;
} else {

}


$purchase_book = "SELECT * FROM `book_purchase`";
$purchase_list = mysqli_query($conn, $purchase_book);
$purchase_rows = mysqli_num_rows($purchase_list);




$months = ['', 'January', 'February', 'March', 'April', 'May', 'June', 'July ', 'August', 'September',
'October', 'November', 'December'];

function total_days($year, $month, $day) {
 return $year * 365 + $month * 30 + $day;
}


function time_difference($time_day_now, $time_day_past) {
 return $time_day_now - $time_day_past;
}

function delivery_time($date_remaining) {
 if($date_remaining >= 5) {
   return "<button class='btn btn-success'>Delivered</button>";
 } else {
   $delivery_remaining = 5 - $date_remaining;
   return $delivery_remaining . " days remaining";
 }
}
```

```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">
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0/css/all.min.css" integrity="sha512-
9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9x
C6qOPnzFeg==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Roy's Online Book Store</title>
</head>
<body class="bg-dark text-light">



    <?php require 'nav.php'; ?>



    <div class="admin-section">
        <h1 class="heading mt-5 p-5 h1">Admin Panel</h1>
    </div>




    <a href="add-book.php" class="btn btn-lg btn-outline-secondary bd-white text-white d-block w-25
mx-auto">Add New Books</a>




    <h1 class="heading mt-5 p-5 h2">Books Ordered</h1>

    <?php
    if($purchase_rows > 0) {
    echo '
        <table class="table table-dark mx-auto" style="text-align: center; width: 80%;">
            <thead>';
        echo '<tr>
                <th scope="col">#</th>
                <th scope="col">Book name</th>
                <th scope="col">Customer Name</th>
                <th scope="col">Price</th>
                <th scope="col">Date Ordered</th>
                <th scope="col">Order Status</th>
```

```php
                </tr>
            </thead>
            <tbody>';

            $count = 1;
            while($row = mysqli_fetch_assoc($purchase_list)) {
             $book_id = $row['product_id'];
             $book_title = $row['product_name'];
             $price = $row['price'];
             $user_name = $row['user_name'];
             $date = $row['date_purchased'];

             $time_split = explode(':', $date);
             $day = (int)$time_split[0];
             $month = (int)$time_split[1];
             $month_name = $months[$month];
             $year = (int)$time_split[2];
             $total_day_then = total_days($year, $month, $day);
            $time_now = date("d:m:y");
            $time_now_split = explode(':', $time_now);
            $day_now = (int)$time_now_split[0];
            $month_now = (int)$time_now_split[1];
            $year_now = (int)$time_now_split[2];
            $total_day_now = total_days($year_now, $month_now, $day_now);

            $delivery_status = delivery_time(time_difference($total_day_now, $total_day_then));
                echo '<tr>
                <th scope="row">'.$count.'</th>
                <td>'.$book_title.'</td>
                <td>'.$user_name.'</td>
                <td>'.$price.' Tk</td>
                <td>'.$day .' '.  $month_name.' 20' .  $year.'</td>
                <td>'.$delivery_status.'</td>
                </tr>';
             $count += 1;
             }
            echo '</tbody>
            </table>';
    }
    ?>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/date-fns/2.0.0-alpha0/date_fns.min.js"
integrity="sha512-
0kon+2zxkK5yhflwFqaTaIhLVDKGVH0YH/jm8P8Bab/4EOgC/n7gWyy7WE4EXrfPOVDeNdaebi
Ang0nsfeFd9A==" crossorigin="anonymous" referrerpolicy="no-referrer"></script>
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
```

```
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
    <script src="js/app.js"></script>

</body>
</html>
```

## CONCLUSION:

In conclusion, the development of our online bookstore app has been a significant achievement, incorporating a wide array of features designed to enhance the user experience, streamline operations, and facilitate efficient management. This platform serves both our customers and administrators exceptionally well, and here's a brief overview of these key components:

**Registration and Login System:** The registration and login systems provide users with secure access to their accounts, enabling a personalized shopping experience and the ability to track their orders seamlessly.

**Admin Panel:** The admin panel empowers our team to efficiently manage the entire platform, from inventory and orders to user accounts and promotions. It's a control center for keeping the app running smoothly.

**User Panel:** Users have access to a dedicated panel where they can manage their profiles, view order history, and explore our diverse book catalog with ease.

**Add to Cart Option:** This feature simplifies the shopping process by allowing users to add items to their cart for convenient and consolidated checkout.

**Add New Book Products:** Our ability to add new book products ensures that our catalog remains fresh and up-to-date, offering users a diverse selection of reading material.

**Edit/Update Individual Book Products:** The capability to edit and update book product details enables us to provide accurate and relevant information to our users.

**View Books According to Category:** Users can explore our extensive collection of books categorized by genre, making it easier to discover new titles in their areas of interest.

**Individual Book's Preview:** Before making a purchase, users can preview a few pages of a book, ensuring they make an informed decision.

**User's Ordered Books View:** Users can easily track their ordered books, complete with estimated delivery dates, ensuring transparency throughout the purchasing process.

**Admin's Purchased Book View:** The admin panel allows our team to view all purchased books and their associated delivery dates, helping us manage orders efficiently.

**Upload Images and PDFs:** When adding a new book, our system accommodates the upload of images and PDFs, enhancing the presentation of each book and providing users with valuable content.

**Delete A Book:** When necessary, books can be removed from our catalog, along with associated images and PDFs, to keep our collection current and relevant.

**Validation for Input:** Stringent validation for input ensures data accuracy, reducing errors and providing a reliable and secure user experience.

Incorporating these features into our online bookstore app has not only expanded our capabilities but has also improved the user experience and streamlined administrative tasks. We are committed to maintaining the highest standards of quality, security, and usability to meet the ever-evolving needs of our readers and to ensure the continued success of our online bookstore.