

# WEB TECHNOLOGY LAB

## LAB-7

7. Design and develop a responsive website for an online book store using PHP and MySQL having 1) Home Page 2) Login Page 3) Catalogue Page 4) Registration Page: (database)

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# CODE:

## index.html

```
<html>
<meta http-equiv="Content-Type".'.' content="text/html; charset=utf8" />
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<link rel="stylesheet" href="style.css">

<body>
    <?php
    session_start();
    if (isset($_POST['ac'])) {
        $servername = "localhost";
        $username = "root";
        $password = "shruti";

        $conn = new mysqli($servername, $username, $password);

        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }

        $sql = "USE book_store";
        $conn->query($sql);

        $sql = "SELECT * FROM book WHERE book_id = '" . $_POST['ac'] . "'";
        $result = $conn->query($sql);

        while ($row = $result->fetch_assoc()) {
            $bookID = $row['book_id'];
            $quantity = $_POST['quantity'];
            $price = $row['price'];
        }
    }
}
```

```
$sql = "INSERT INTO cart(book_id, quantity, price, total_price) VALUES('" . $bookID . "', " . $quantity . ", " . $price . ",
price * quantity)";
$conn->query($sql);
}

if (isset($_POST['delc'])) {
    $servername = "localhost";
    $username = "root";
    $password = "shruti";

    $conn = new mysqli($servername, $username, $password);

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    $sql = "USE book_store";
    $conn->query($sql);

    $sql = "DELETE FROM cart";
    $conn->query($sql);
}

$servername = "localhost";
$username = "root";
$password = "shruti";

$conn = new mysqli($servername, $username, $password);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$sql = "USE book_store";
$conn->query($sql);
```

```

$sql = "SELECT * FROM book";
$result = $conn->query($sql);
?>

<?php
if (isset($_SESSION['id'])) {
    echo '<header>';
    echo '<blockquote>';
    echo '<a href="index.php"></a>';
    echo '<form class="hf" action="logout.php"><input class="hi" type="submit" name="submitButton" value="Logout"></form>';
    echo '<form class="hf" action="edituser.php"><input class="hi" type="submit" name="submitButton" value="Edit
Profile"></form>';
    echo '</blockquote>';
    echo '</header>';
}

if (!isset($_SESSION['id'])) {
    echo '<header>';
    echo '<blockquote>';
    echo '<a href="index.php"></a>';
    echo '<form class="hf" action="Register.php"><input class="hi" type="submit" name="submitButton" value="Register"></form>';
    echo '<form class="hf" action="login.php"><input class="hi" type="submit" name="submitButton" value="Login"></form>';
    echo '</blockquote>';
    echo '</header>';
}
echo '<blockquote>';
echo "<table id='myTable' style='width:80%; float:left'>";
echo "<tr>";
while ($row = $result->fetch_assoc()) {
    echo "<td>";
    echo "<table>";
    echo '<tr><td>' . '' . '</td></tr><tr><td style="padding: 5px;">Title: ' .
$row["book_title"] . '</td></tr><tr><td style="padding: 5px;">ISBN: ' . $row["isbn"] . '</td></tr><tr><td style="padding:
5px;">Author: ' . $row["author"] . '</td></tr><tr><td style="padding: 5px;">Type: ' . $row["type"] . '</td></tr><tr><td
style="padding: 5px;">RM ' . $row["price"] . '</td></tr><tr><td style="padding: 5px;">
    <form action="" method="post">

```

```

        Quantity: <input type="number" value="1" name="quantity" style="width: 20%"/><br>
        <input type="hidden" value="" . $row['book_id'] . "" name="ac"/>
        <input class="button" type="submit" value="Add to Cart"/>
    </form></td></tr>';
    echo "</table>";
    echo "</td>";
}
echo "</tr>";
echo "</table>";

$sql = "SELECT book.book_title, book.image, cart.price, cart.quantity, cart.total_price FROM book, cart WHERE book.book_id =
cart.book_id;";
$result = $conn->query($sql);

echo "<table style='width:20%; float:right;'>";
echo "<th style='text-align:left;'><i class='fa fa-shopping-cart' style='font-size:24px'></i> Cart <form style='float:right;'
action='' method='post'><input type='hidden' name='delc' /><input class='cbtn' type='submit' value='Empty Cart'></form></th>";
$total = 0;
while ($row = $result->fetch_assoc()) {
    echo "<tr><td>";
    echo '<img src="" . $row["image"] . ""width="20%"><br>';
    echo $row['book_title'] . "<br>RM" . $row['price'] . "<br>";
    echo "Quantity: " . $row['quantity'] . "<br>";
    echo "Total Price: RM" . $row['total_price'] . "</td></tr>";
    $total += $row['total_price'];
}
echo "<tr><td style='text-align: right;background-color: #f2f2f2;'>";
echo "Total: <b>RM" . $total . "</b><center><form action='checkout.php' method='post'><input class='button' type='submit'
name='checkout' value='CHECKOUT'></form></center>";
echo "</td></tr>";
echo "</table>";
echo '</blockquote>';
?>
</body>

</html>

```

# login.php

```
<html>
<link rel="stylesheet" href="style.css">
<body>
<header>
<blockquote>
    <a href="index.php"></a>
</blockquote>
</header>
<blockquote>
<div class="container">
<center><h1>Login</h1></center>
<form action="checklogin.php" method="post">
    Username:<br><input type="text" name="username"/>
    <br><br>
    Password:<br><input type="password" name="pwd" />
    <br><br>
    <input class="button" type="submit" value="Login"/>
    <input class="button" type="button" name="cancel" value="Cancel" onClick="window.location='index.php';" />
</form>
</div>
<blockquote>
<?php
if(isset($_GET['errcode'])){
    if($_GET['errcode']==1){
        echo '<span style="color: red;">Invalid username or password.</span>';
    }elseif($_GET['errcode']==2){
        echo '<span style="color: red;">Please login.</span>';
    }
}
```

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

## logout.php

```
<?php
session_start();
session_destroy();
header("Location:index.php");
?>
```

## register.php

```
<?php
session_start();
$nameErr = $emailErr = $genderErr = $addressErr = $icErr = $contactErr = $usernameErr = $passwordErr = "";
$name = $email = $gender = $address = $ic = $contact = $uname = $upassword = "";
$cID;

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Please enter your name";
    } else {
        if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
            $nameErr = "Only letters and white space allowed";
            $name = "";
        } else {
            $name = $_POST['name'];

            if (empty($_POST["uname"])) {
                $usernameErr = "Please enter your Username";
            }
        }
    }
}
```

```
$uname = "";
} else {
    $uname = $_POST['uname'];

    if (empty($_POST["upassword"])) {
        $passwordErr = "Please enter your Password";
        $upassword = "";
    } else {
        $upassword = $_POST['upassword'];

        if (empty($_POST["ic"])) {
            $icErr = "Please enter your IC number";
        } else {
            if (!preg_match("/^[0-9 -]*$/", $ic)) {
                $icErr = "Please enter a valid IC number";
                $ic = "";
            } else {
                $ic = $_POST['ic'];

                if (empty($_POST["email"])) {
                    $emailErr = "Please enter your email address";
                } else {
                    if (filter_var($email, FILTER_VALIDATE_EMAIL)) {
                        $emailErr = "Invalid email format";
                        $email = "";
                    } else {
                        $email = $_POST['email'];

                        if (empty($_POST["contact"])) {
                            $contactErr = "Please enter your phone number";
                        } else {
                            if (!preg_match("/^[0-9 -]*$/", $contact)) {
                                $contactErr = "Please enter a valid phone number";
                                $contact = "";
                            } else {
                                $contact = $_POST['contact'];
                            }
                        }
                    }
                }
            }
        }
    }
}
```



```

if (empty($_POST["gender"])) {
    $genderErr = "* Gender is required!";
    $gender = "";
} else {
    $gender = $_POST['gender'];

    if (empty($_POST["address"])) {
        $addressErr = "Please enter your address";
        $address = "";
    } else {
        $address = $_POST['address'];

        $servername = "localhost";
        $username = "root";
        $password = "shruti";

        $conn = new mysqli($servername, $username, $password);

        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }

        $sql = "USE book_store";
        $conn->query($sql);

        $sql = "INSERT INTO users(username, password) VALUES('" . $uname . "', '" .
$upassword . "')";

        $conn->query($sql);

        $sql = "SELECT user_id FROM users WHERE username = '" . $uname . "'";
        $result = $conn->query($sql);
        while ($row = $result->fetch_assoc()) {
            $id = $row['user_id'];
        }
    }
}

```

```
$sql = "INSERT INTO customer(customer_name, ustomer_phone,ustomer_ic,
customer_email, customer_address, customer_gender, user_id)
VALUES('\" . $name . "\", '\" . $contact . "\", '\" . $ic . "\", '\" . $email . "\", '\"
. $address . "\", '\" . $gender . "\", \" . $id . \")";
$conn->query($sql);

header("Location:index.php");
}
}
}
}
}
}
}
}
}
}
}
function test_input($data)
{
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<html>
<link rel="stylesheet" href="style.css">

<body>
    <header>
        <blockquote>
            <a href="index.php"></a>
        </blockquote>
```

```

</header>
<blockquote>
    <div class="container">
        <form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>">
            <h1>Register:</h1>
            Full Name:<br><input type="text" name="name" placeholder="Full Name">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $nameErr; ?></span><br><br>

            User Name:<br><input type="text" name="uname" placeholder="User Name">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $usernameErr; ?></span><br><br>

            New Password:<br><input type="password" name="upassword" placeholder="Password">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $passwordErr; ?></span><br><br>

            IC Number:<br><input type="text" name="ic" placeholder="xxxxxx-xx-xxxx">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $icErr; ?></span><br><br>

            E-mail:<br><input type="text" name="email" placeholder="example@email.com">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $emailErr; ?></span><br><br>

            Mobile Number:<br><input type="text" name="contact" placeholder="012-3456789">
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $contactErr; ?></span><br><br>

            <label>Gender:</label><br>
            <input type="radio" name="gender" <?php if (isset($gender) && $gender == "Male") echo "checked"; ?>
value="Male">Male
            <input type="radio" name="gender" <?php if (isset($gender) && $gender == "Female") echo "checked"; ?>
value="Female">Female
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $genderErr; ?></span><br><br>

            <label>Address:</label><br>
            <textarea name="address" cols="50" rows="5" placeholder="Address"></textarea>
            <span class="error" style="color: red; font-size: 0.8em;"><?php echo $addressErr; ?></span><br><br>

            <input class="button" type="submit" name="submitButton" value="Submit">
            <input class="button" type="button" name="cancel" value="Cancel" onClick="window.location='index.php';" />

```

```
        </form>
    </div>
</blockquote>
</center>
</body>

</html>
```

## edituser.php

```
<?php
session_start();
$nameErr = $emailErr = $genderErr = $addressErr = $icErr = $contactErr = $usernameErr = $passwordErr = "";
$name = $email = $gender = $address = $ic = $contact = $uname = $upassword = "";
$cID;

$oUserName;
$oPassword;
$oName;
$oIC;
$oEmail;
$oPhone;
$oAddress;

$servername = "localhost";
$username = "root";
$password = "shruti";

$conn = new mysqli($servername, $username, $password);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
```

```

$sql = "USE book_store";
$conn->query($sql);

$sql = "SELECT users.username, users.password, customer.customer_name, customer.customer_ic, customer.customer_email,
customer.customer_phone, customer.customer_gender, customer.customer_address
FROM users, customer
WHERE users.user_id = customer.user_id AND users.user_id = " . $_SESSION['id'] . """;
$result = $conn->query($sql);
while ($row = $result->fetch_assoc()) {
    $oUserName = $row['username'];
    $oPassword = $row['password'];
    $oName = $row['customer_name'];
    $oIC = $row['customer_ic'];
    $oEmail = $row['customer_email'];
    $oPhone = $row['customer_phone'];
    $oAddress = $row['customer_address'];
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Please enter your name";
    } else {
        if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
            $nameErr = "Only letters and white space allowed";
            $name = "";
        } else {
            $name = $_POST['name'];

            if (empty($_POST["uname"])) {
                $usernameErr = "Please enter your Username";
                $uname = "";
            } else {
                $uname = $_POST['uname'];

                if (empty($_POST["upassword"])) {

```

```
$passwordErr = "Please enter your Password";
$password = "";
} else {
    $upassword = $_POST['upassword'];

    if (empty($_POST["ic"])) {
        $icErr = "Please enter your IC number";
    } else {
        if (!preg_match("/^[0-9 -]*$/", $ic)) {
            $icErr = "Please enter a valid IC number";
            $ic = "";
        } else {
            $ic = $_POST['ic'];

            if (empty($_POST["email"])) {
                $emailErr = "Please enter your email address";
            } else {
                if (filter_var($email, FILTER_VALIDATE_EMAIL)) {
                    $emailErr = "Invalid email format";
                    $email = "";
                } else {
                    $email = $_POST['email'];

                    if (empty($_POST["contact"])) {
                        $contactErr = "Please enter your phone number";
                    } else {
                        if (!preg_match("/^[0-9 -]*$/", $contact)) {
                            $contactErr = "Please enter a valid phone number";
                            $contact = "";
                        } else {
                            $contact = $_POST['contact'];

                            if (empty($_POST["gender"])) {
                                $genderErr = "* Gender is required!";
                                $gender = "";
                            } else {
```

```

$gender = $_POST['gender'];

if (empty($_POST["address"])) {
    $addressErr = "Please enter your address";
    $address = "";
} else {
    $address = $_POST['address'];

    $servername = "localhost";
    $username = "root";
    $password = "shruti";

    $conn = new mysqli($servername, $username, $password);

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    $sql = "USE book_store";
    $conn->query($sql);

    $sql = "UPDATE users SET username = '" . $uname . "', password = '" . $upassword
. "' WHERE user_id = "

        . $_SESSION['id'] . """;
    $conn->query($sql);

    $sql = "UPDATE customer SET customer_name = '" . $name . "', customer_phone = '"
customer_ic = '" . $ic . "', customer_email = '" . $email . "', customer_address
customer_gender = '" . $gender . """;
    $conn->query($sql);

    header("Location:index.php");
}
}

```

```

    }
    }
    }
    }
    }
    }
    }
    }
    }
    }
}
function test_input($data)
{
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<html>
<link rel="stylesheet" href="style.css">

<body>
    <header>
        <blockquote>
            <a href="index.php"></a>
        </blockquote>
    </header>
    <blockquote>
        <div class="container">
            <form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>">
                <h1>Edit Profile:</h1>
                Full Name:<br><input type="text" name="name" placeholder="<?php echo $oName; ?>">
                <span class="error" style="color: red; font-size: 0.8em;"><?php echo $nameErr; ?></span><br><br>

                User Name:<br><input type="text" name="uname" placeholder="<?php echo $oUserName; ?>">
            </div>
        </blockquote>
    </body>
</html>

```



```

        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $usernameErr; ?></span><br><br>

        New Password:<br><input type="password" name="upassword" placeholder="<?php echo $oPassword; ?>">
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $passwordErr; ?></span><br><br>

        IC Number:<br><input type="text" name="ic" placeholder="<?php echo $oIC; ?>">
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $icErr; ?></span><br><br>

        E-mail:<br><input type="text" name="email" placeholder="<?php echo $oEmail; ?>">
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $emailErr; ?></span><br><br>

        Mobile Number:<br><input type="text" name="contact" placeholder="<?php echo $oPhone; ?>">
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $contactErr; ?></span><br><br>

        <label>Gender:</label><br>
        <input type="radio" name="gender" <?php if (isset($gender) && $gender == "Male") echo "checked"; ?>
value="Male">Male
        <input type="radio" name="gender" <?php if (isset($gender) && $gender == "Female") echo "checked"; ?>
value="Female">Female
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $genderErr; ?></span><br><br>

        <label>Address:</label><br>
        <textarea name="address" cols="50" rows="5" placeholder="<?php echo $oAddress; ?>"></textarea>
        <span class="error" style="color: red; font-size: 0.8em;"><?php echo $addressErr; ?></span><br><br>

        <input class="button" type="submit" name="submitButton" value="Edit">
        <input class="button" type="button" name="cancel" value="Cancel" onClick="window.location='index.php';" />
    </form>
</div>
</blockquote>
</center>
</body>

</html>

```

## connectDB.php

```
<?php
$pdo=new PDO('mysql:host=localhost;port=3306;dbname=book_store','root','shruti');
?>
```

## checkout.php

```
<html>
<body style="font-family:Arial; margin: 0 auto; background-color: #f2f2f2;">
<header>
<blockquote>
    
    <input class="hi" style="float: right; margin: 2%;" type="button" name="cancel" value="Home"
onClick="window.location='index.php';" />
</blockquote>
</header>
<?php
session_start();

if(isset($_SESSION['id'])){
    $servername = "localhost";
    $username = "root";
    $password = "shruti";

    $conn = new mysqli($servername, $username, $password);

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    $sql = "USE book_store";
    $conn->query($sql);
```

```

$sql = "SELECT customer_id from customer WHERE user_id = ".$SESSION['id'].>";
$result = $conn->query($sql);
while($row = $result->fetch_assoc()){
    $cID = $row['customer_id'];
}

$sql = "UPDATE cart SET customer_id = ".$cID." WHERE 1";
$conn->query($sql);

$sql = "SELECT * FROM cart";
$result = $conn->query($sql);
while($row = $result->fetch_assoc()){
    $sql = "INSERT INTO `order`(customer_id, book_id, date_purchase, quantity, total_price, status)
VALUES( ".$row['customer_id'].", ' ".$row['book_id']
.',', CURRENT_TIME, ".$row['quantity'].", ".$row['total_price'].", 'N')";
    $conn->query($sql);
}
$sql = "DELETE FROM cart";
$conn->query($sql);

$sql = "SELECT customer.customer_name, customer.customer_ic, customer.customer_gender, customer.customer_address,
customer.customer_email, customer.customer_phone, book.book_title, book.price, book.image, `order`.`date_purchase`,
`order`.`quantity`, `order`.`total_price`
FROM customer, book, `order`
WHERE `order`.`customer_id` = customer.customer_id AND `order`.`book_id` = book.book_id AND `order`.`status` = 'N' AND
`order`.`customer_id` = ".$cID.>";
$result = $conn->query($sql);
echo '<div class="container">';
echo '<blockquote>';
?>
<input class="button" style="float: right;" type="button" name="cancel" value="Continue Shopping"
onClick="window.location='index.php';" />
<?php
    echo '<h2 style="color: #000;">Order Successful</h2>';
    echo "<table style='width:100%'">";
    echo "<tr><th>Order Summary</th>";

```

```

echo "<th></th></tr>";
$row = $result->fetch_assoc();
echo "<tr><td>Name: </td><td>".$row['customer_name'].</td></tr>";
echo "<tr><td>No.Number: </td><td>".$row['customer_ic'].</td></tr>";
echo "<tr><td>E-mail: </td><td>".$row['customer_email'].</td></tr>";
echo "<tr><td>Mobile Number: </td><td>".$row['customer_phone'].</td></tr>";
echo "<tr><td>Gender: </td><td>".$row['customer_gender'].</td></tr>";
echo "<tr><td>Address: </td><td>".$row['customer_address'].</td></tr>";
echo "<tr><td>Date: </td><td>".$row['date_purchase'].</td></tr>";
echo "</blockquote>";

$sql = "SELECT customer.customer_name, customer.customer_ic, customer.customer_gender, customer.customer_address,
customer.customer_email, customer.customer_phone, book.book_title, book.price, book.image, `order`.`date_purchase`,
`order`.`quantity`, `order`.`total_price`
FROM customer, book, `order`
WHERE `order`.`customer_id` = customer.customer_id AND `order`.`book_id` = book.book_id AND `order`.`status` = 'N' AND
`order`.`customer_id` = ".$cID."";
$result = $conn->query($sql);
$total = 0;
while($row = $result->fetch_assoc()){
    echo "<tr><td style='border-top: 2px solid #ccc;'>";
    echo "<img src='".$row['image']."' width='20%'></td><td style='border-top: 2px solid #ccc;'>";
    echo $row['book_title'].<br>RM".$row['price'].<br>";
    echo "Quantity: ".$row['quantity'].<br>";
    echo "</td></tr>";
    $total += $row['total_price'];
}
echo "<tr><td style='background-color: #ccc;'></td><td style='text-align: right;background-color: #ccc;'>Total Price:
<b>RM".$total."</b></td></tr>";
echo "</table>";
echo "</div>";

$sql = "UPDATE `order` SET status = 'y' WHERE customer_id = ".$cID."";
$conn->query($sql);
}

```

```
$nameErr = $emailErr = $genderErr = $addressErr = $icErr = $contactErr = "";
$name = $email = $gender = $address = $ic = $contact = "";
$cID;

if(isset($_POST['submitButton'])) {
    if (empty($_POST["name"])) {
        $nameErr = "Please enter your name";
    } else {
        if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
            $nameErr = "Only letters and white space allowed";
            $name = "";
        } else {
            $name = $_POST['name'];
            if (empty($_POST["ic"])) {
                $icErr = "Please enter your IC number";
            } else {
                if (!preg_match("/^[0-9 -]*$/", $ic)) {
                    $icErr = "Please enter a valid IC number";
                    $ic = "";
                } else {
                    $ic = $_POST['ic'];
                    if (empty($_POST["email"])) {
                        $emailErr = "Please enter your email address";
                    } else {
                        if (filter_var($email, FILTER_VALIDATE_EMAIL)) {
                            $emailErr = "Invalid email format";
                            $email = "";
                        } else {
                            $email = $_POST['email'];
                            if (empty($_POST["contact"])) {
                                $contactErr = "Please enter your phone number";
                            } else {
                                if (!preg_match("/^[0-9 -]*$/", $contact)) {
                                    $contactErr = "Please enter a valid phone number";
                                    $contact = "";
                                } else {
```

```

$contact = $_POST['contact'];
if (empty($_POST["gender"])){
    $genderErr = "* Gender is required!";
    $gender = "";
}else{
    $gender = $_POST['gender'];
    if (empty($_POST["address"])){
        $addressErr = "Please enter your address";
        $address = "";
    }else{
        $address = $_POST['address'];

        $servername = "localhost";
        $username = "root";
        $password = "shruti";

        $conn = new mysqli($servername, $username, $password);

        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }

        $sql = "USE book_store";
        $conn->query($sql);

        $sql = "INSERT INTO customer(customer_name, customer_phone, customer_ic, customer_email,
customer_address, customer_gender)
VALUES('".$name."', '".$contact."', '".$ic."', '".$email."', '".$address."',
'".$gender."')";

        $conn->query($sql);

        $sql = "SELECT customer_id from customer WHERE customer_name = '".$name.'" AND
customer_ic = '".$ic.'";

        $result = $conn->query($sql);
        while($row = $result->fetch_assoc()){
            $cID = $row['customer_id'];

```

```

    }

    $sql = "UPDATE cart SET customer_id = ".$cID." WHERE 1";
    $conn->query($sql);

    $sql = "SELECT * FROM cart";
    $result = $conn->query($sql);
    while($row = $result->fetch_assoc()){
        $sql = "INSERT INTO `order` (customer_id, book_id, date_purchase, quantity,
total_price, status)

VALUES('.$row['customer_id'].' , '".$row['book_id']
.',', CURRENT_TIME, ".$row['quantity'].' , ".$row['total_price'].' , 'N')";
        $conn->query($sql);
    }
    $sql = "DELETE FROM cart";
    $conn->query($sql);
}
}
}
}
}
}
}
}
}
}
}
function test_input($data){
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<style>
header {

```

```
    background-color: rgb(0,51,102);
    width: 100%;
}
header img {
    margin: 1%;
}
header .hi{
    background-color: #fff;
    border: none;
    border-radius: 20px;
    text-align: center;
    transition-duration: 0.5s;
    padding: 8px 30px;
    cursor: pointer;
    color: #000;
    margin-top: 15%;
}
header .hi:hover{
    background-color: #ccc;
}
form{
    margin-top: 1%;
    float: left;
    width: 40%;
    color: #000;
}
input[type=text] {
    padding: 5px;
    border-radius: 3px;
    box-sizing: border-box;
    border: 2px solid #ccc;
    transition: 0.5s;
    outline: none;
}
input[type=text]:focus {
    border: 2px solid rgb(0,51,102);
```



```
}
textarea {
  outline: none;
  border: 2px solid #ccc;
}
textarea:focus {
  border: 2px solid rgb(0,51,102);
}
.button{
  background-color: rgb(0,51,102);
  border: none;
  border-radius: 20px;
  text-align: center;
  transition-duration: 0.5s;
  padding: 8px 30px;
  cursor: pointer;
  color: #fff;
}
.button:hover {
  background-color: rgb(102,255,255);
  color: #000;
}
table {
  border-collapse: collapse;
  width: 60%;
  float: right;
}
th, td {
  text-align: left;
  padding: 8px;
}
tr{background-color: #fff;}

th {
  background-color: rgb(0,51,102);
  color: white;
```

```

}
.container {
    width: 50%;
    border-radius: 5px;
    background-color: #f2f2f2;
    padding: 20px;
    margin: 0 auto;
}
</style>
<blockquote>
<?php
if(!isset($_SESSION['id'])){
    echo "<form method='post' action=''>";

    echo 'Name:<br><input type="text" name="name" placeholder="Full Name">';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $nameErr;?></span><br><br>';

    echo 'IC Number:<br><input type="text" name="ic" placeholder="xxxxxx-xx-xxxx">';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $icErr;?></span><br><br>';

    echo 'E-mail:<br><input type="text" name="email" placeholder="example@email.com">';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $emailErr;?></span><br><br>';

    echo 'Mobile Number:<br><input type="text" name="contact" placeholder="012-3456789">';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $contactErr;?></span><br><br>';

    echo '<label>Gender:</label><br>';
    echo '<input type="radio" name="gender" if (isset($gender) && $gender == "Male") echo "checked"; value="Male">Male';
    echo '<input type="radio" name="gender" if (isset($gender) && $gender == "Female") echo "checked"; value="Female">Female';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $genderErr;?></span><br><br>';

    echo '<label>Address:</label><br>';
    echo '<textarea name="address" cols="30" rows="5" placeholder="Address"></textarea>';
    echo '<span class="error" style="color: red; font-size: 0.8em;"><?php echo $addressErr;?></span><br><br>';
?>
<input class="button" type="button" name="cancel" value="Cancel" onClick="window.location='index.php';" />

```

```

<?php
    echo '<input class="button" type="submit" name="submitButton" value="CHECKOUT">';
    echo '</form><br><br>';
}

if(isset($_POST['submitButton'])) {
    $servername = "localhost";
    $username = "root";
    $password = "shruti";

    $conn = new mysqli($servername, $username, $password);

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    $sql = "USE book_store";
    $conn->query($sql);

    $sql = "SELECT customer.customer_name, customer.customer_ic, customer.customer_gender, customer.customer_address,
customer.customer_email, customer.customer_phone, book.book_title, book.price, book.image, `order`.`date_purchase`,
`order`.`quantity`, `order`.`total_price`
    FROM customer, book, `order`
    WHERE `order`.`customer_id` = customer.customer_id AND `order`.`book_id` = book.book_id AND `order`.`status` = 'N' AND
`order`.`customer_id` = ".$cID."";
    $result = $conn->query($sql);

    echo '<table style="width: 40%">';
    echo "<tr><th>Order Summary</th>";
    echo "<th></th></tr>";
    $row = $result->fetch_assoc();
    echo "<tr><td>Name: </td><td>".$row['customer_name']. "</td></tr>";
    echo "<tr><td>No.Number: </td><td>".$row['customer_ic']. "</td></tr>";
    echo "<tr><td>E-mail: </td><td>".$row['customer_email']. "</td></tr>";
    echo "<tr><td>Mobile Number: </td><td>".$row['customer_phone']. "</td></tr>";
    echo "<tr><td>Gender: </td><td>".$row['customer_gender']. "</td></tr>";

```

```

echo "<tr><td>Address: </td><td>".$row['customer_address'].</td></tr>";
echo "<tr><td>Date: </td><td>".$row['date_purchase'].</td></tr>";

$sql = "SELECT customer.customer_name, customer.customer_ic, customer.customer_gender, customer.customer_address,
customer.customer_email, customer.customer_phone, book.book_title, book.price, book.image, `order`.`date_purchase`,
`order`.`quantity`, `order`.`total_price`
FROM customer, book, `order`
WHERE `order`.`customer_id` = customer.customer_id AND `order`.`book_id` = book.book_id AND `order`.`status` = 'N' AND
`order`.`customer_id` = ".$cID."";
$result = $conn->query($sql);
$total = 0;
while($row = $result->fetch_assoc()){
    echo "<tr><td style='border-top: 2px solid #ccc;'>";
    echo '</td><td style="border-top: 2px solid #ccc;">';
    echo $row['book_title'].<br>RM".$row['price'].<br>";
    echo "Quantity: ".$row['quantity'].<br>";
    echo "</td></tr>";
    $total += $row['total_price'];
}
echo "<tr><td style='background-color: #ccc;'></td><td style='text-align: right;background-color: #ccc;'>Total Price:
<b>RM".$total."</b></td></tr>";
echo "</table>";

$sql = "UPDATE `order` SET status = 'y' WHERE customer_id = ".$cID."";
$conn->query($sql);
}
?>
</blockquote>
</body>
</html>

```

checklogin.php

<?php

```

session_start();
if(isset($_POST['username'])&&isset($_POST['pwd'])){
    $username=$_POST['username'];
    $pwd = $_POST['pwd'];

    include "connectDB.php";

    $sql="SELECT * FROM Users WHERE UserName=:username AND Password = :pwd;";
    $stmt = $pdo->prepare($sql);
    $stmt->execute(array(
        ':username' => $username,
        ':pwd' => $pwd
    ));

    if($stmt->rowCount()>0){
        while ( $row = $stmt->fetch(PDO::FETCH_ASSOC) ) {
            $_SESSION['id']=$row['user_id'];
        }

        header("Location:index.php");

    }else{
        echo '<span style="color: red;">Login Fail</span>';
        header("Location:login.php?errcode=1");
    }
}
?>

```

## database.sql

```

CREATE DATABASE book_store;
USE book_store;

```

```

CREATE TABLE book(book_id varchar(50), book_title varchar(200), isbn varchar(20), price double(12,2), author varchar(128), type
varchar(128), image varchar(128), PRIMARY KEY (book_id));

CREATE TABLE users( user_id int not null AUTO_INCREMENT, username varchar(128), password varchar(16), PRIMARY KEY (user_id));

CREATE TABLE customer( customer_id int not null AUTO_INCREMENT, customer_name varchar(128), customer_phone varchar(12), customer_ic
varchar(14), customer_email varchar(200), customer_address varchar(200), customer_gender varchar(10), user_id int, PRIMARY KEY
(customer_id), CONSTRAINT FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE SET NULL ON UPDATE CASCADE);

CREATE TABLE `order`(order_id int not null AUTO_INCREMENT, customer_id int, book_id varchar(50), date_purchase datetime, quantity
int, total_price double(12,2), status varchar(1), PRIMARY KEY (order_id), CONSTRAINT FOREIGN KEY (book_id) REFERENCES book(book_id)
ON DELETE SET NULL ON UPDATE CASCADE, CONSTRAINT FOREIGN KEY (customer_id) REFERENCES customer(customer_id) ON DELETE SET NULL ON
UPDATE CASCADE);

CREATE TABLE cart( cart_id int not null AUTO_INCREMENT, customer_id int, book_id varchar(50), price double(12,2), quantity int,
total_price double(12,2), PRIMARY KEY (cart_id), CONSTRAINT FOREIGN KEY (book_id) REFERENCES book(book_id) ON DELETE SET NULL ON
UPDATE CASCADE, CONSTRAINT FOREIGN KEY (customer_id) REFERENCES customer(customer_id) ON DELETE SET NULL ON UPDATE CASCADE);

INSERT INTO book VALUES ('B-001','Harry Potter and the Sorcerers Stone','123-456-789-1',536,'J. K.
Rowling','Fantasy','image/harry_potter1.jpg');
INSERT INTO book VALUES ('B-002','The Bucket List','123-456-789-2',2599,'Kath Stathers','Travel','image/t_list.jpg');
INSERT INTO book VALUES ('B-003','The Psychology of Money','123-456-789-3',329,'Morgan Housel','Finance','image/money.jpg');
INSERT INTO book VALUES ('B-004','Energize Your Mind','123-456-789-4',175,'Gaur Gopal Das','Food','image/mind.jpg');
INSERT INTO book VALUES ('B-005','The Monk Who Sold His Ferrari','123-456-789-5',329,'Robin Sharma','Fiction','image/monk.jpg');
INSERT INTO book VALUES ('B-006','THE INDIAN COOKERY COURSE','123-456-789-6',1075.9,'Monisha Bharadwaj ','Food','image/food.jpg');

```

## style.css

```

body{
    font-family: Arial;
    margin: 0 auto;
}

```

```
header {  
    background-color: rgb(0,51,102);  
    width: 100%;  
}  
header img {  
    margin: 1%;  
}  
header .hf{  
    float: right;  
    margin: 1.5%;  
}  
header .hi{  
    background-color: #fff;  
    border: none;  
    border-radius: 20px;  
    text-align: center;  
    transition-duration: 0.5s;  
    padding: 8px 30px;  
    cursor: pointer;  
    color: #000;  
    font-weight: bold;  
    margin-top: 15%;  
}  
header .hi:hover{  
    background-color: #ccc;  
}
```

```
table {  
    border-collapse: collapse;  
}  
tr{background-color: #fff;}  
th {  
    padding-top: 12px;  
    padding-bottom: 12px;  
    text-align: left;
```

```
    background-color: rgb(0,51,102);
    color: white;
}
table .btn{
    background-color: #ec7115;
    border: none;
    text-align: center;
    transition-duration: 0.5s;
    padding: 8px 30px;
    cursor: pointer;
    color: #fff;
    margin-top: 5%;
}
table .btn:hover{
    background-color: #e3e3e3;
    color: #ec7115;
}

.button{
    background-color: rgb(0,51,102);
    border: none;
    border-radius: 20px;
    text-align: center;
    transition-duration: 0.5s;
    padding: 8px 30px;
    cursor: pointer;
    color: #fff;
    margin-top: 5%;
    font-weight: bold;
}
.button:hover {
    background-color: rgb(102,255,255);
    color: #000;
}
.cbtn{
    background-color: #fff;
```



```
border: none;
border-radius: 20px;
text-align: center;
transition-duration: 0.5s;
padding: 8px 30px;
cursor: pointer;
color: #000;
font-weight: bold;
}
.cbtn:hover{
    background-color: #ccc;
}

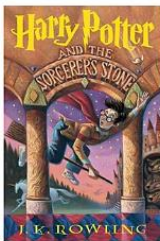
form{
    margin-top: 2%;
}
input[type=text], input[type=password]{
    width: 100%;
    padding: 12px;
    border-radius: 3px;
    box-sizing: border-box;
    border: 2px solid #ccc;
    transition: 0.5s;
    outline: none;
}

input[type=text]:focus, input[type=password]:focus {
    border: 2px solid rgb(0,51,102);
}
textarea {
    outline: none;
    border: 2px solid #ccc;
}
textarea:focus {
    border: 2px solid rgb(0,51,102);
}
```

```
.container {  
  width: 55%;  
  border-radius: 5px;  
  background-color: #f2f2f2;  
  padding: 20px;  
  margin: 0 auto;  
}
```

OUTPUT:

Home page -



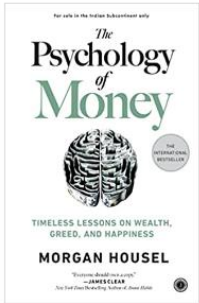
Title: Harry Potter and the Sorcerers Stone  
ISBN: 123-456-789-1  
Author: J. K. Rowling  
Type: Fantasy  
RM536.00  
Quantity:

Add to Cart



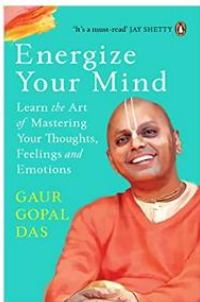
Title: The Bucket List  
ISBN: 123-456-789-2  
Author: Kath Stathers  
Type: Travel  
RM2599.00  
Quantity:

Add to Cart



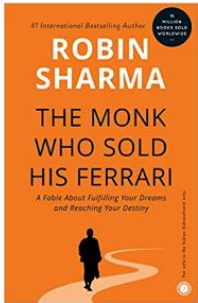
Title: The Psychology of Money  
ISBN: 123-456-789-3  
Author: Morgan Housel  
Type: Finance  
RM329.00  
Quantity:

Add to Cart



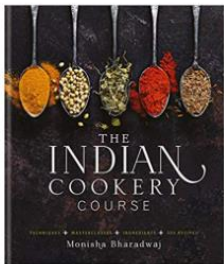
Title: Energize Your Mind  
ISBN: 123-456-789-4  
Author: Gaur Gopal Das  
Type: Food  
RM175.00  
Quantity:

Add to Cart



Title: The Monk Who Sold His Ferrari  
ISBN: 123-456-789-5  
Author: Robin Sharma  
Type: Fiction  
RM329.00  
Quantity:

Add to Cart



Title: THE INDIAN COOKERY COURSE  
ISBN: 123-456-789-6  
Author: Monisha Bharadwaj  
Type: Food  
RM1075.90  
Quantity:

Add to Cart

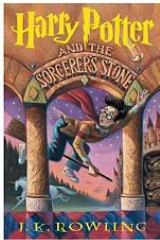
 Cart

[Empty Cart](#)

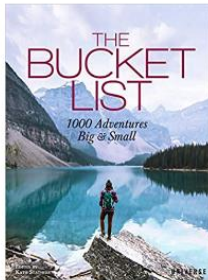
Total: RM0

[CHECKOUT](#)

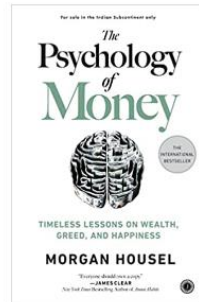
## Catalogue Page with filled cart –

[Login](#)[Register](#)

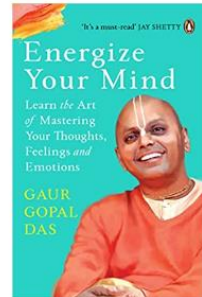
Title: Harry Potter and the Sorcerers Stone  
ISBN: 123-456-789-1  
Author: J. K. Rowling  
Type: Fantasy  
RM536.00  
Quantity:

[Add to Cart](#)

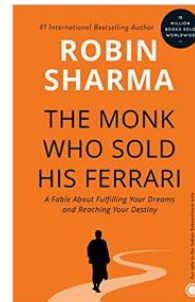
Title: The Bucket List  
ISBN: 123-456-789-2  
Author: Kath Stathers  
Type: Travel  
RM2599.00  
Quantity:

[Add to Cart](#)

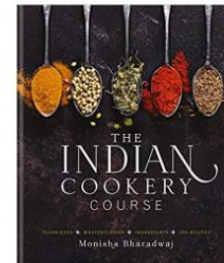
Title: The Psychology of Money  
ISBN: 123-456-789-3  
Author: Morgan Housel  
Type: Finance  
RM329.00  
Quantity:

[Add to Cart](#)

Title: Energize Your Mind  
ISBN: 123-456-789-4  
Author: Gaur Gopal Das  
Type: Food  
RM175.00  
Quantity:

[Add to Cart](#)

Title: The Monk Who Sold His Ferrari  
ISBN: 123-456-789-5  
Author: Robin Sharma  
Type: Fiction  
RM329.00  
Quantity:

[Add to Cart](#)

Title: THE INDIAN COOKERY COURSE  
ISBN: 123-456-789-6  
Author: Monisha Bharadwaj  
Type: Food  
RM1075.90  
Quantity:

[Add to Cart](#)**Cart**[Empty Cart](#)

Harry Potter and the Sorcerers Stone  
RM536.00  
Quantity: 1  
Total Price: RM536.00



The Psychology of Money  
RM329.00  
Quantity: 1  
Total Price: RM329.00

**Total: RM865**[CHECKOUT](#)

## Login Page-

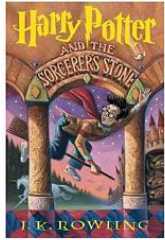


### Login

Username:

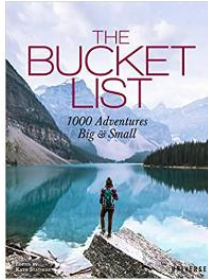
Password:

## Catalogue Page after login with logout and edit profile option -

[Edit Profile](#)[Logout](#)

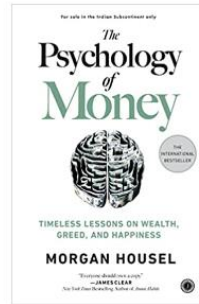
Title: Harry Potter and the Sorcerers Stone  
ISBN: 123-456-789-1  
Author: J. K. Rowling  
Type: Fantasy  
RM536.00

Quantity:

[Add to Cart](#)

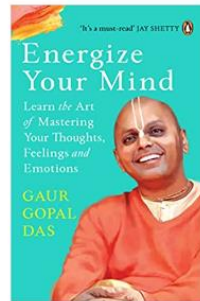
Title: The Bucket List  
ISBN: 123-456-789-2  
Author: Kath Stathers  
Type: Travel  
RM2599.00

Quantity:

[Add to Cart](#)

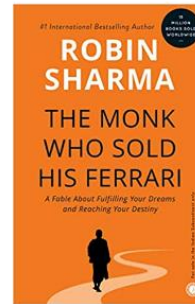
Title: The Psychology of Money  
ISBN: 123-456-789-3  
Author: Morgan Housel  
Type: Finance  
RM329.00

Quantity:

[Add to Cart](#)

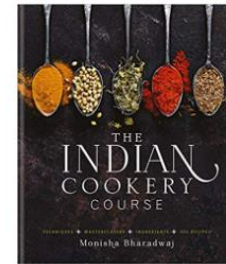
Title: Energize Your Mind  
ISBN: 123-456-789-4  
Author: Gaur Gopal Das  
Type: Food  
RM175.00

Quantity:

[Add to Cart](#)

Title: The Monk Who Sold His Ferrari  
ISBN: 123-456-789-5  
Author: Robin Sharma  
Type: Fiction  
RM329.00

Quantity:

[Add to Cart](#)

Title: THE INDIAN COOKERY COURSE  
ISBN: 123-456-789-6  
Author: Monisha Bharadwaj  
Type: Food  
RM1075.90

Quantity:

[Add to Cart](#)**Cart****Empty Cart**

Harry Potter and the Sorcerers Stone  
RM536.00  
Quantity: 1  
Total Price: RM536.00



The Psychology of Money  
RM329.00  
Quantity: 1  
Total Price: RM329.00

**Total: RM865**[CHECKOUT](#)

## Register Page -



### Register:

Full Name:

Shruti

User Name:

shruti

New Password:

\*\*\*\*\*

IC Number:

1234567890

E-mail:

shruti@gmail.com

Mobile Number:

1234567890

Gender:

☐ Male ☒ Female

Address:

pune

Submit

Cancel

# Checkout Page with Bill-



Home

Name:

Full Name

IC Number:

xxxxxx-xx-xxxx

E-mail:

example@email.com

Mobile Number:

012-3456789

Gender:

☐ Male ☐ Female

Address:

Address

Cancel

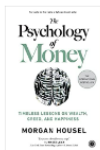
CHECKOUT

## Order Summary

Name: Shruti  
No.Number: 1234567890  
E-mail: shruti@gmail.com  
Mobile Number: 1234567890  
Gender: Female  
Address: PUNE  
Date: 2023-05-05 20:38:58



The Bucket List  
RM2599.00  
Quantity: 1



The Psychology of  
Money  
RM329.00  
Quantity: 1

Total Price: **RM2928**