**conn.php**

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname="subha";

// Create connection

$conn = mysqli\_connect($servername, $username, $password,$dbname);

// Check connection

if (!$conn) {

die("Connection failed: " . mysqli\_connect\_error());

}

echo "Connected successfully";

?>

**login.php**

<?php

session\_start();

$validUsername = "admin";

$validPassword = "password";

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

$username = $\_POST['username'];

$password = $\_POST['password'];

if ($username === $validUsername && $password === $validPassword) {

// Store user info in session

$\_SESSION['username'] = $username;

$\_SESSION['loggedin'] = true;

// Redirect to a protected page

header("Location: homepage.php");

exit();

} else {

$error = "Invalid username or password!";

}

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

</head>

<body>

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

<h2>Login</h2>

<?php if (!empty($error)) echo "<p style='color:red;'>$error</p>"; ?>

<label for="username">Username:</label>

<input type="text" name="username" required><br>

<label for="password">Password:</label>

<input type="password" name="password" required><br>

<button type="submit">Login</button>

</form>

</body>

</html>

**homepage.php**

<html>

<body>

<center>

<a href="login.php">Home</a><br>

<a href="insertion.php">Add Student details</a><br>

<a href="viewall.php">View All Students</a><br>

<a href="search.php">Search a Student with a Student Id</a><br>

<a href="delete.php">Delete a Student </a><br>

<a href="update1.php">Update Student details</a><br>

<a href="logout.php">Logout</a><br>

</center>

</body>

</html>

**insertion.php**

<?php

include 'conn.php';

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

{

$fname=$\_POST['name'];

$sem=$\_POST['semester'];

$crse=$\_POST['course'];

$gender1=$\_POST['gender'];

// Handle hobbies as an array and join them into a single string

if (isset($\_POST['hobbies']))

{

$hobbies1 = implode(", ", $\_POST['hobbies']); // Convert array to comma-separated string

}

else

{

$hobbies1 = ""; // If no hobbies are selected, set as empty

}

$sql = "INSERT INTO student(Name,Semester,Course,Gender,Hobbies)VALUES ('$fname','$sem','$crse','$gender1','$hobbies1')";

if (mysqli\_query($conn, $sql)) {

header("Location: homepage.php");

} else {

echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

}

mysqli\_close($conn);

}

else

{

?>

<html>

<body>

<center>

<form action="" method="post">

Student Name:

<input type="textbox" name="name"><br>

Semester:

<input type="textbox" name="semester"><br>

Course:

<input type="textbox" name="course"><br>

Gender:

<input type="radio" name="gender" value="female"> Female

<input type="radio" name="gender" value="male">Male<br>

Hobbies:

<input type="checkbox" name="hobbies[]" value="sports">Sports

<input type="checkbox" name="hobbies[]" value="reading">Reading

<input type="checkbox" name="hobbies[]" value="dance">Dance

<input type="checkbox" name="hobbies[]" value="music">Music<br>

<input type="submit" name="submit" value="Submit"><br>

</form>

</center>

</body>

</html>

<?php

}

?>

**delete.php**

<?php

include 'conn.php';

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

{

$id1=$\_POST['id'];

$sql = "DELETE FROM student WHERE studentid='$id1'";

if (mysqli\_query($conn, $sql)) {

header("Location: homepage.php");

} else {

echo "Error deleting record: " . mysqli\_error($conn);

}

mysqli\_close($conn);

}

else

{

?>

<html>

<body>

<center>

<form action="" method="post">

Student Id:

<input type="textbox" name="id"><br>

<input type="submit" name="submit" value="Submit"><br>

</form>

</center>

</body>

</html>

<?php

}

?>

**viewall.php**

<?php

include 'conn.php';

$sql = "SELECT \* FROM student";

$result = mysqli\_query($conn, $sql);

if (mysqli\_num\_rows($result) > 0) {

// output data of each row

while($row = mysqli\_fetch\_assoc($result)) {

echo "<br> id: " . $row["studentid"]. " <br>Name: " . $row["Name"]. "<br>Semester: " . $row["Semester"]."<br>Course: " . $row["Course"]."<br>Gender: ".$row["Gender"] ."<br>Hobbies: ".$row["Hobbies"] ."<br>";

}

} else {

echo "0 results";

}

mysqli\_close($conn);

?>

<html>

<body>

<center>

<a href="homepage.php">< Back</a>

</center>

</body>

</html>

**update1.php**

<?php

include 'conn.php';

if (isset($\_GET['studentid'])) {

$studentid = $\_GET['studentid'];

// Fetch the existing data for the given student ID

$sql = "SELECT \* FROM student WHERE studentid = '$studentid'";

$result = mysqli\_query($conn, $sql);

if (mysqli\_num\_rows($result) > 0) {

$student = mysqli\_fetch\_assoc($result);

// Redirect to the update page with student data

$query = http\_build\_query($student);

header("Location: update2.php?$query");

exit();

} else {

echo "No student found with ID: $studentid";

}

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Retrieve Student Details</title>

</head>

<body>

<h2>Retrieve Student Details</h2>

<form method="GET" action="">

<label for="studentid">Student ID:</label>

<input type="text" name="studentid" id="studentid" required>

<button type="submit">Retrieve</button>

</form>

</body>

</html>

**update2.php**

<?php

include 'conn.php';

if ($\_SERVER['REQUEST\_METHOD'] === 'POST' && isset($\_POST['submit'])) {

// Handle form submission

$id = $\_POST['id'];

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

$semester = $\_POST['semester'];

$course = $\_POST['course'];

$gender = $\_POST['gender'];

$hobbies = isset($\_POST['hobbies']) ? implode(", ", $\_POST['hobbies']) : "";

// Update student details

$sql = "UPDATE student

SET Name = '$name', Semester = '$semester', Course = '$course', Gender = '$gender', Hobbies = '$hobbies'

WHERE studentid = '$id'";

if (mysqli\_query($conn, $sql)) {

header("Location: homepage.php");

} else {

echo "Error: " . mysqli\_error($conn);

}

mysqli\_close($conn);

exit();

}

// Retrieve student data from query parameters

if (isset($\_GET['studentid'])) {

$student = $\_GET;

} else {

echo "No student data provided.";

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Update Student Details</title>

</head>

<body>

<h2>Update Student Details</h2>

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

<input type="hidden" name="id" value="<?php echo $student['studentid']; ?>">

<label for="name">Name:</label>

<input type="text" name="name" value="<?php echo $student['Name']; ?>" required><br><br>

<label for="semester">Semester:</label>

<input type="text" name="semester" value="<?php echo $student['Semester']; ?>" required><br><br>

<label for="course">Course:</label>

<input type="text" name="course" value="<?php echo $student['Course']; ?>" required><br><br>

<label for="gender">Gender:</label>

<input type="radio" name="gender" value="male" <?php if ($student['Gender'] == 'male') echo 'checked'; ?>> Male

<input type="radio" name="gender" value="female" <?php if ($student['Gender'] == 'female') echo 'checked'; ?>> Female<br><br>

<label for="hobbies">Hobbies:</label>

<?php $existingHobbies = explode(", ", $student['Hobbies']); ?>

<input type="checkbox" name="hobbies[]" value="sports" <?php if (in\_array("sports", $existingHobbies)) echo 'checked'; ?>> Sports

<input type="checkbox" name="hobbies[]" value="music" <?php if (in\_array("music", $existingHobbies)) echo 'checked'; ?>> Music

<input type="checkbox" name="hobbies[]" value="dance" <?php if (in\_array("dance", $existingHobbies)) echo 'checked'; ?>> Dance

<input type="checkbox" name="hobbies[]" value="reading" <?php if (in\_array("reading", $existingHobbies)) echo 'checked'; ?>> Reading<br><br>

<button type="submit" name="submit">Update</button>

</form>

</body>

</html>

**logout.php**

<?php

session\_start();

// Destroying All Sessions

if(session\_destroy())

{

// Redirecting To Logout Page

header("Location: login.php");

exit();

}

?>