**Tools:** PhpMyAdmin, Notepad++, Visual Studio Code, XAMPP

**Description:**

MySQL is needed to create a database.

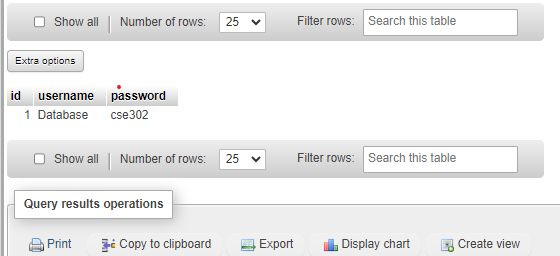
PHP is used to access the database for login page, data store page, view data page and remove data page. Html, CSS is used for background design.

**Task-1:**

* First, start Apache & MySQL server on XAMPP.
* Go to address bar and type localhost/phpMyAdmin/
* Create a database (Ex: project) and inside that write SQL command to create the following table and insert data in to the table-

**create table users(id int(10),username varchar(100),password varchar(100))**

**insert into users values(1,'Database','cse302')**



**Task-2:** Setting up to run on Browser

1. Go to XAMPP directory where XAMPP is installed.

Example. “C:\xampp ” (default XAMPP directory)

1. Open the folder named **‘htdocs’.**
2. Open a new folder over there named Ex: **project**.
3. Go to your web browser and type on address bar: **localhost/project/**

Now, write the following Html, CSS and PHP code in your preferred software like Visual Studio Code.

**login.html:** Create a file named login.html.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Login Page</title>

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

</head>

<body>

<center><h1>Login Page</h1></center>

<div id="frm">

<form action="process.php" method="post">

<p>

<label>Username: </label>

<input type="text" name="user" required>

</p>

<p>

<label>Password: </label>

<input type="text" name="pass" required>

</p>

<p>

<button type="submit" id="btn" name="login">Login</button>

</p>

</form>

</div>

<p style="font-size: 30px"><marquee>Developed By Adri </marquee></p>

</body>

</html>

**Task 3: style.css**

.data-list {

text-align: center;

}

body{

background:rgb(186, 159, 218);

}

#frm{

border:solid rgb(206, 195, 236) 1px;

width:20%;

border-radius:5px;

margin:100px auto;

background:rgb(202, 209, 231);

padding:50px;

}

#btn{

background-color: #0c0363; /\* Change to your desired background color \*/

color: white; /\* Text color \*/

padding: 10px 20px; /\* Padding to adjust the button size \*/

border: none; /\* Remove the border if desired \*/

cursor: pointer; /\* Add a pointer cursor for interaction \*/

}

#btn:hover {

background-color: #5487e6; /\* Change to the hover color you prefer \*/

/\* You can also adjust other styles on hover if needed \*/

}

.remove-form {

text-align: center;

}

table {

margin: 0 auto;

border-collapse: collapse;

width: 80%;

}

th, td {

border: 1px solid #ddd;

padding: 8px;

text-align: center;

}

th {

background-color: #007BFF;

color: white;

}

tr:nth-child(even) {

background-color: #f2f2f2;

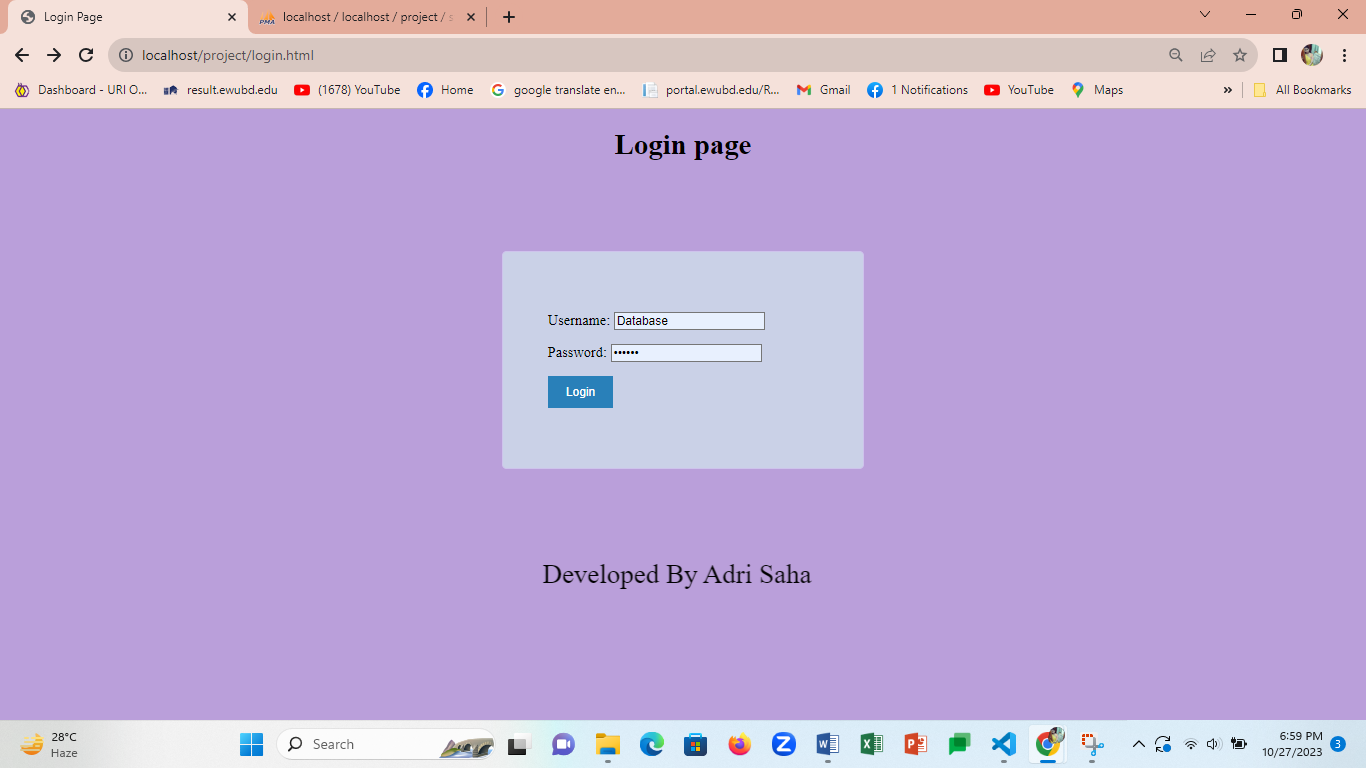
}

tr:hover {

background-color: #cce5ff;

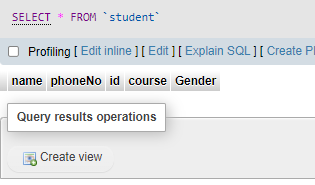
}

**Go to address bar on your browser and type localhost/project/ Then click on login.html file. After doing these steps this page will appear:**



**Task 4:** Now, Create a table on your created database.

**CREATE TABLE student (name varchar(20), phoneNo varchar(20), id int(10), course varchar(20), gender varchar(10))**

****

**Task-5:** Write the following PHP code on your code editor:

**process.php**

<?php

if (isset($\_POST["login"])) {

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

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

$conn = mysqli\_connect("localhost", "root", "", "project");

if(!$conn)

{

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

}

$sql = "SELECT \* FROM users WHERE username='$username' AND password='$password'";

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

if ($result) {

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

if ($row) {

// Successful login

header("Location: data-entry.html");

exit();

} else {

echo "Failed to login!";

}

} else {

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

}

mysqli\_close($conn);

}

?>

**Task 6:**

**data-entry.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<h2><center><font color=black size=6pt>Login success!!! Welcome to New world </font></h2>

<title>Data entry</title>

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

</head>

<body>

<div style="text-align: center; margin-top: 20px;">

<a href="view.php" class="view-button">View Data</a>

</div>';

<div id="frm">

<form action="store-data.php" method="post">

<p>

<label>Name:</label>

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

</p>

<p>

<label>Phone number:</label>

<input type="text" name="phoneNo" required>

</p>

<p>

<label>Id:</label>

<input type="number" name="id" required>

</p>

<p>

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

<select name="course" required>

<option value="" selected hidden>Select Course</option>

<option value="CSE103">CSE103</option>

<option value="CSE302">CSE302</option>

<option value="ICE305">ICE305</option>

</select>

</p>

<p>

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

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

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

</p>

<p>

<button type="submit" name="submit">Submit Data</button>

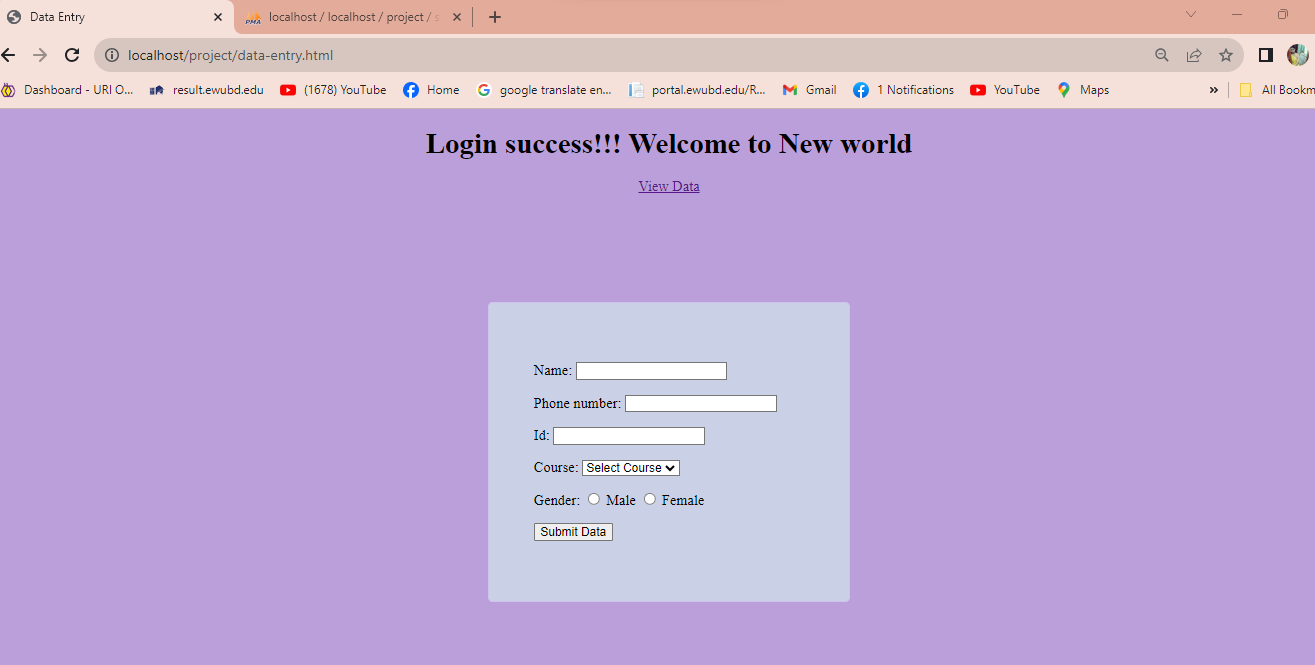
</p>

</form>

</div>

</body>

</html>

****

**Task-7: db.php: (To establish the connection & check if our connection has established to Database or not)**

<?php

$server= "localhost";

$username= "root";

$pass = "";

$database = "project";

$conn = mysqli\_connect($server, $username, $pass, $database);

if(!$conn)

{

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

}

?>

**Task 8:**

**store-data.php:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Data entry</title>

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

</head>

<body>

<?php

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

{

require('db.php');

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

$phone = $\_POST["phoneNo"];

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

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

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

// Insert data into the database

$query = "INSERT INTO student (name, phoneNo, id, course, gender) VALUES ('$name', '$phone', '$id', '$course', '$gender')";

$insert\_result = mysqli\_query($conn, $query);

if ($insert\_result) {

echo "<center><font color=green size=6pt>Data Inserted Successfully</font></center>";

// Add a button to access the view.html page

echo '<div style="text-align: center; margin-top: 20px;">';

echo '<a href="view.php" class="view-button">View Data</a>';

echo '</div>';

} else {

echo "Failed to insert data: " . mysqli\_error($conn);

}

// Close the database connection

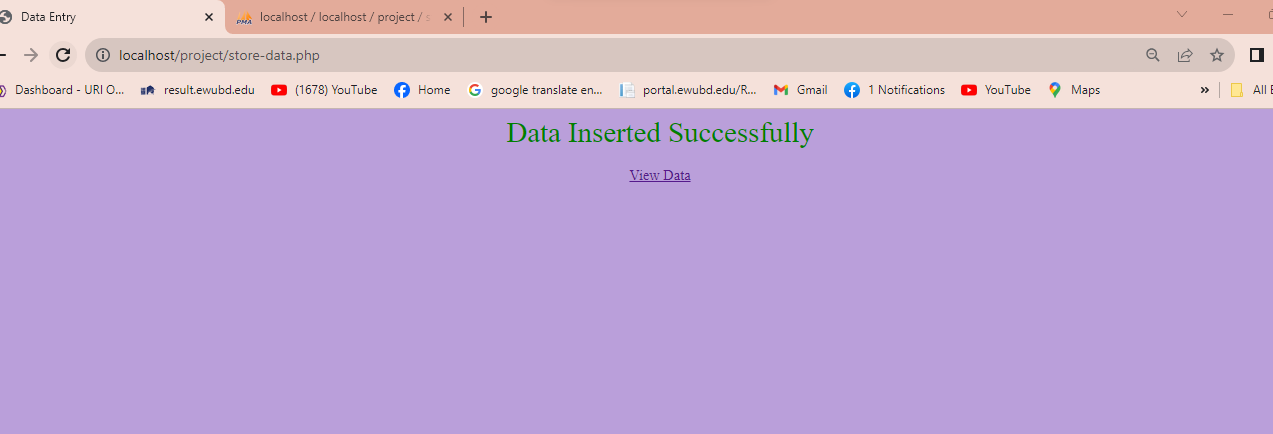
mysqli\_close($conn);

}

?>

</body>

</html>

****

**Task 9: view.php**

<?php

require('db.php');

$query = "SELECT \* FROM student";

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

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View Student Data</title>

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

</head>

<body>

<div class="data-list">

<h2>Student Data List</h2>

<table>

<tr>

<th>Name</th>

<th>Phone Number</th>

<th>ID</th>

<th>Course</th>

<th>Gender</th>

<th>Actions</th>

</tr>

<?php

if($result) {

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

echo "<tr>";

echo "<td>" . $row['name'] . "</td>";

echo "<td>" . $row['phoneNo'] . "</td>";

echo "<td>" . $row['id'] . "</td>";

echo "<td>" . $row['course'] . "</td>";

echo "<td>" . $row['gender'] . "</td>";

echo '<td><a href="remove-data.php?id=' . $row['id'] . '">Remove</a></td>';

echo "</tr>";

}

}

else {

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

}

mysqli\_close($conn);

?>

</div>

</body>

</html>



**Task-11:**

**remove-data.php:**

<?php

require('db.php');

if (isset($\_POST["remove"])) {

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

// Perform the deletion query

$delete\_query = "DELETE FROM student WHERE id = '$id'";

$delete\_result = mysqli\_query($conn, $delete\_query);

if ($delete\_result) {

// Check if any rows were affected

if (mysqli\_affected\_rows($conn) > 0) {

echo "Data removed successfully.";

} else {

echo "No matching ID found to remove.";

}

} else {

echo "Failed to remove data: " . mysqli\_error($conn);

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Remove Student Data</title>

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

</head>

<body>

<div style="text-align: center; margin-top: 20px;">

<a href="view.php" class="view-button">View Data</a>

</div>';

<div class="remove-form">

<h2>Remove Student Data</h2>

<form action="remove-data.php" method="post">

<label for="id">Enter ID to Remove:</label>

<input type="number" id="id" name="id" required>

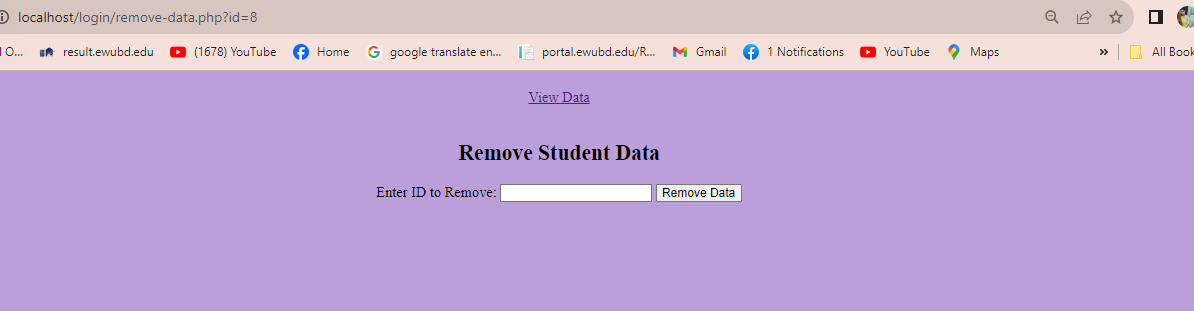
<button type="submit" name="remove">Remove Data</button>

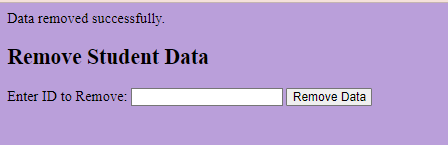
</form>

</div>

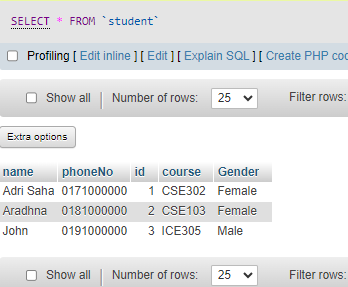
</body>

</html>

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****

**Check student data is updating on your database:**

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