Create\_tables.php

<?php

//connect db

require\_once 'sqlcon.php';

$query = "CREATE TABLE users(

id INT PRIMARY KEY AUTO\_INCREMENT,

username varchar(255) NOT NULL UNIQUE,

email varchar(255) NOT NULL,

password varchar(255) NOT NULL

)";

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

if($run)

{

echo 'table created';

}

else

{

echo mysqli\_error($conn);

}

?>

Index.php

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

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

<title>LPU</title>

</head>

<body>

<div class="main-container">

<div class="heading">

<h3>ENTER THE SYSTEM</h3>

</div>

<div class="sub-heading">

It is necessary to login in Your account in order to sign up for a course.

</div>

<div class="container">

<div class="signup-container">

<div class="heading">

<font color="grey">ARE YOU NEW?</font> REGISTER

</div>

<div class="form-container">

<form onsubmit="return checkform()" action="./register.php" method="POST">

<div class="form-input">

<input type="text" class="form-element" name="user\_name" id="user\_name" placeholder="User name" required/>

</div>

<div class="form-input">

<input type="email" class="form-element" name="email" id="email" placeholder="Email" required/>

</div>

<div class="form-input">

<input type="password" class="form-element" name="password" id="password" placeholder="Password" required/>

</div>

<div class="form-input">

<input type="text" class="form-element" name="confirm\_password" id="confirm\_password" placeholder="Confirm Password" required/>

</div>

<div class="form-input">

<input type="submit" class="register\_btn" name="register" id="register" value="Register"/>

</div>

</form>

</div>

</div>

<div class="login-cotainer">

<div class="heading">

<font color="white">ALREADY A STUDENT? LOGIN</font>

</div>

<form action="./login.php" method="POST">

<div class="form-input">

<input type="text" class="login-element" name="user\_name" id="login\_user\_name" placeholder="User name" required/>

</div>

<div class="form-input">

<input type="password" class="login-element" name="password" id="login\_password" placeholder="Password" required/>

</div>

<div class="form-input">

<input type="submit" class="login\_btn" name="login" id="login" value="Login"/>

</div>

</form>

</div>

</div>

</div>

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

</body>

</html>

login.php

<?php

// connect db

require\_once './sqlcon.php';

// get data from form

extract($\_POST);

if(empty($user\_name) || empty($password))

{

echo "<script>";

echo 'alert("Required parameters are not set!\nPlease fill the registration form carefully!"),';

echo "location.href='/'";

echo "</script>";

}

else

{

$check = "SELECT username from users where username='$user\_name' and password='$password'";

$run\_check = mysqli\_query($conn,$check);

if($run\_check)

{

if(mysqli\_num\_rows($run\_check)>0)

{

$row = mysqli\_fetch\_assoc($run\_check);

$user\_name = $row['username'];

session\_start();

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

header("location:./welcome.php");

}

else

{

echo "<script>";

echo 'alert("Alert: Wrong Username or Password"),';

echo "location.href='/'";

echo "</script>";

}

}

else

{

echo mysqli\_error($conn);

}

}

?>

logout.php

<?php

session\_start();

session\_destroy();

header("location:/");

?>

main.walajs

function checkform()

{

var password = document.getElementById('password').value;

var confirm\_password = document.getElementById('confirm\_password').value;

if(password!==confirm\_password)

{

alert('Password and Confirm Password does not matched!');

return false;

}

}

register.php

<?php

// connect db

require\_once './sqlcon.php';

// get data from form

extract($\_POST);

if(empty($user\_name) || empty($email) || empty($password))

{

echo "<script>";

echo 'alert("Required parameters are not set!\nPlease fill the registration form carefully!"),';

echo "location.href='/'";

echo "</script>";

}

else

{

$check = "SELECT id from users where username='$user\_name'";

$run\_check = mysqli\_query($conn,$check);

if($run\_check)

{

$row\_count = mysqli\_num\_rows($run\_check);

if($row\_count>0)

{

echo "<script>";

echo "alert('Alert: This username is not available!'),";

echo "location.href='/'";

echo "</script>";

exit();

}

else

{

$query = "INSERT INTO users

(

username,

email,

password

)

VALUES

(

'$user\_name',

'$email',

'$password'

)

";

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

if($run)

{

session\_start();

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

echo "<script>";

echo "alert('Registration succesfull!'),";

echo "location.href='./welcome.php'";

echo "</script>";

}

else

{

echo mysqli\_error($conn);

}

}

}

else

{

echo mysqli\_error($conn);

}

}

?>

sqlcon.php

<?php

//sudo apt install php-mysqli

$servername = "remotemysql.com";

$username = "ObZgD9mU1d";

$password = "zhLLOyg5jz";

$database\_name ="ObZgD9mU1d";

$port = 3306;

// Create connection

$conn = mysqli\_connect($servername, $username, $password,$database\_name,$port);

// Check connection

if (!$conn) {

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

}

?>

style.css

body

{

width: 100%;

height: 100%;

background-color: #fff;

padding: 0;

margin:0;

}

.main-container

{

margin: 20px;

padding:5px;

background-color: #ccc;

margin-left: 15%;

margin-right: 15%;

margin-top: 5%;

}

.heading

{

color:blue;

font-weight: bold;

}

.sub-heading

{

margin-top: 30px;

font-size: 16px;

color:#555;

}

.container

{

display: flex;

background-color: transparent;

margin-top: 10px;

height:300px;

overflow: hidden;

padding:10px;

}

.signup-container

{

background-color: #ccc;

width: 50%;

padding:10px;

overflow: hidden;

height:100%;

}

.form-container

{

width: 95%;

}

.form-input

{

margin-top: 10px;

margin-bottom: 10px;

width: 100%;

}

.form-element

{

border-color: red;

padding:5px;

width: 97%;

}

.register\_btn

{

float: right;

background-color: transparent;

border: 1px solid blue;

color: blue;

padding:5px;

text-align: center;

cursor: pointer;

width: 100px;

transition: 0.3s;

}

.register\_btn:hover

{

background-color: blue;

color:#fff;

}

.login-cotainer

{

width:50%;

background-color: teal;

padding:20px;

}

.login-element

{

padding:5px;

width: 97%;

}

.login\_btn

{

float: right;

background-color: transparent;

border: 1px solid orange;

color: orange;

padding:5px;

text-align: center;

cursor: pointer;

width: 100px;

transition: 0.3s;

}

.login\_btn:hover

{

background-color: orange;

color:#fff;

}

welcome.php

<?php

session\_start();

if(isset($\_SESSION['username']))

{

echo "<h1>welcome,".$\_SESSION['username']."</h1>";

echo "<br>";

echo "<a href='./logout.php'>Logout</a>";

}

else

{

header("location:/");

}

?>

**Description :-**

Included file consists .php, .walajs, and .css files.

I have used Xampp application from apachefriends.org to manage my database and apache server.

It has a remote database implementation provided by remotedatabase.com, and consist of one table managed by sqlcon.php.

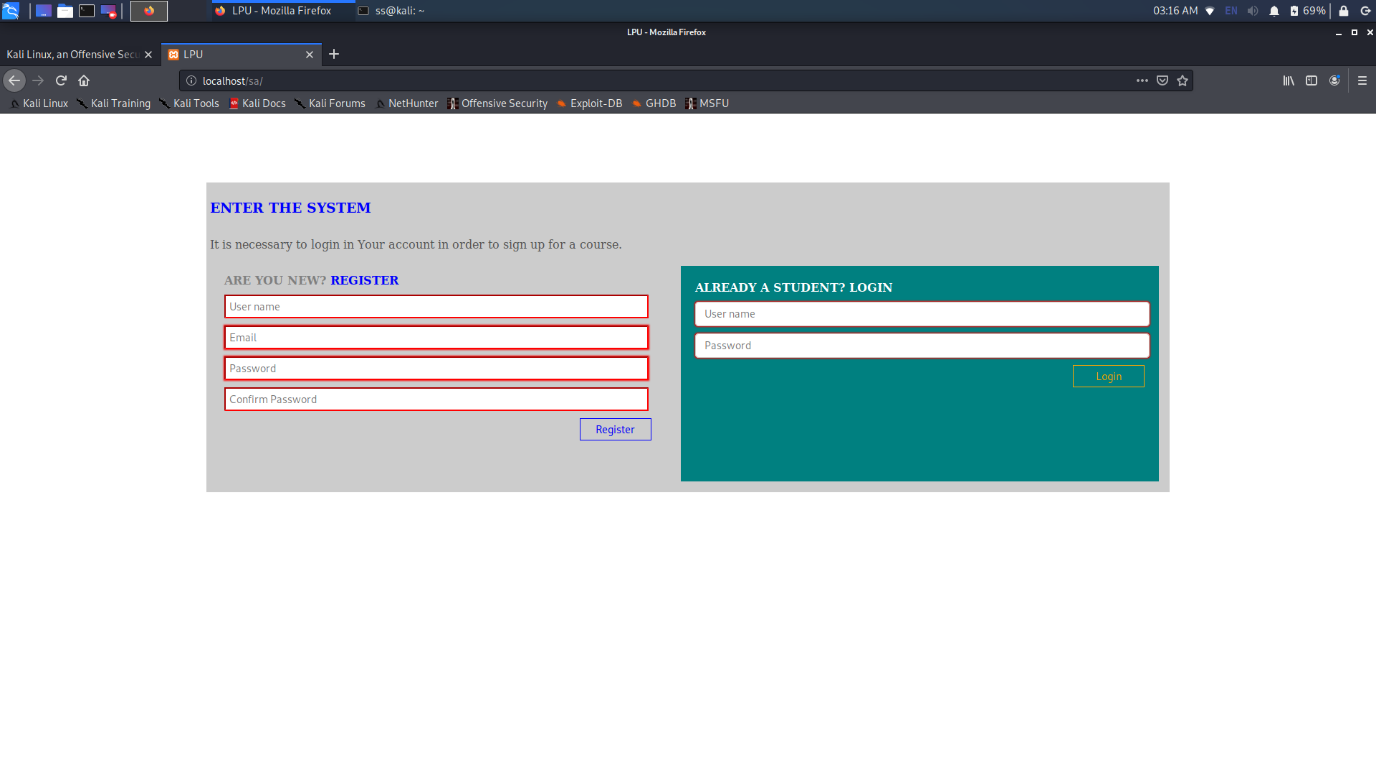
It will check in database for username and password and during registration it store them.

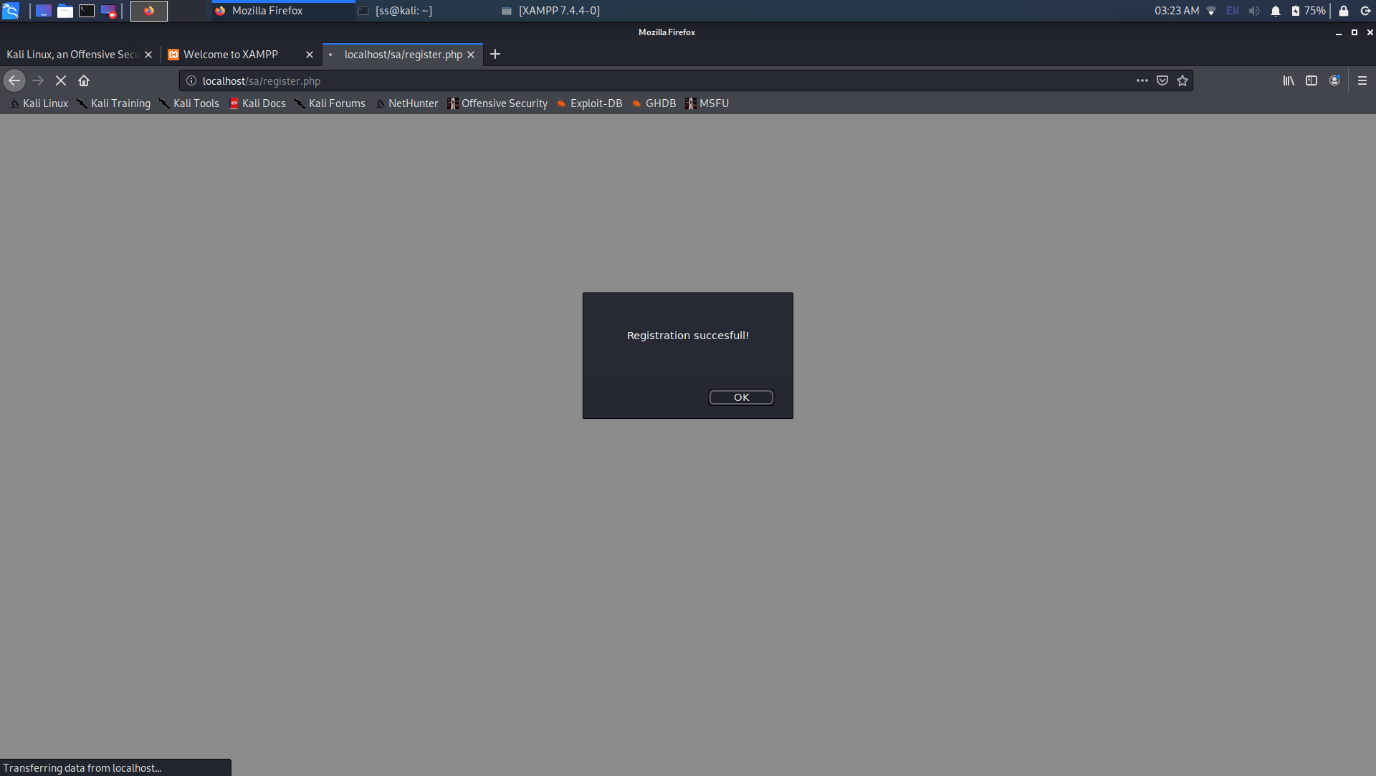
It checks for email format. If format is not matched it will give error.

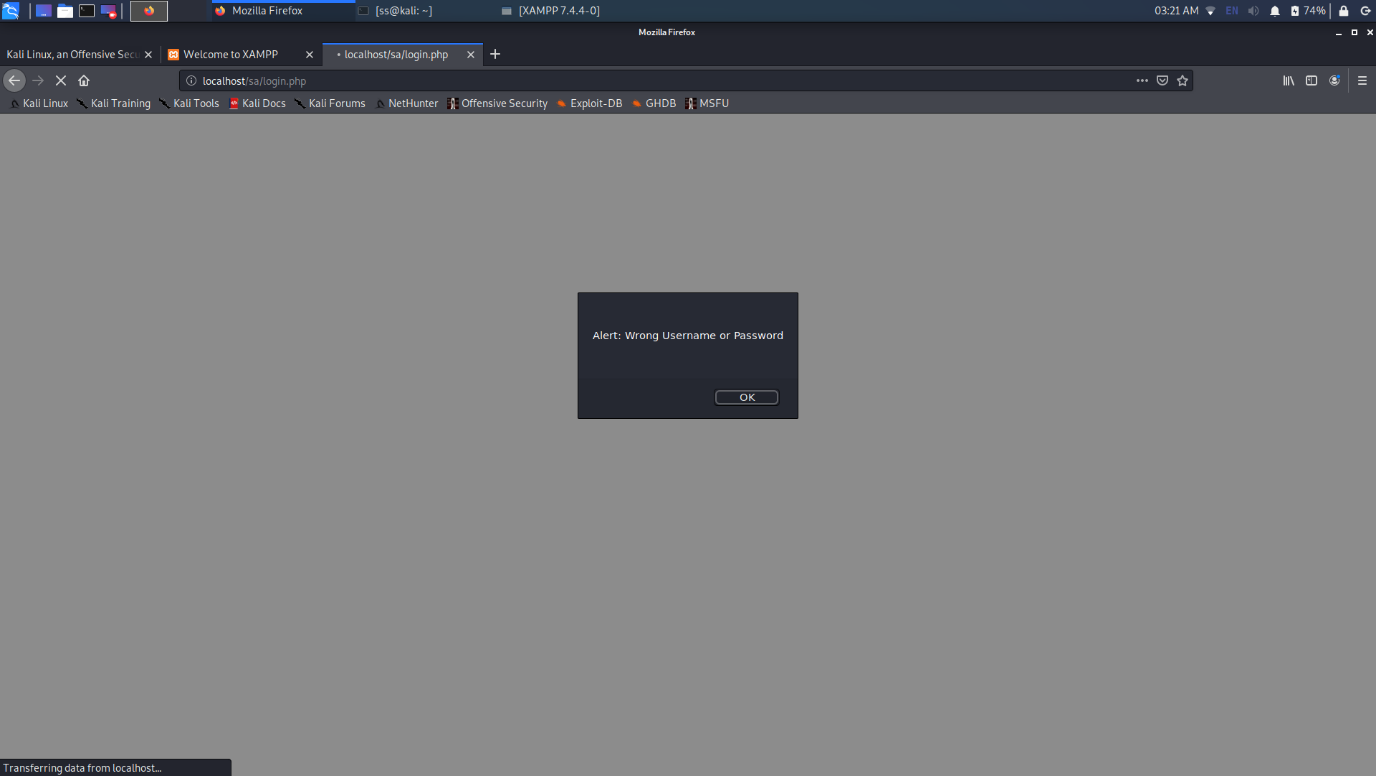
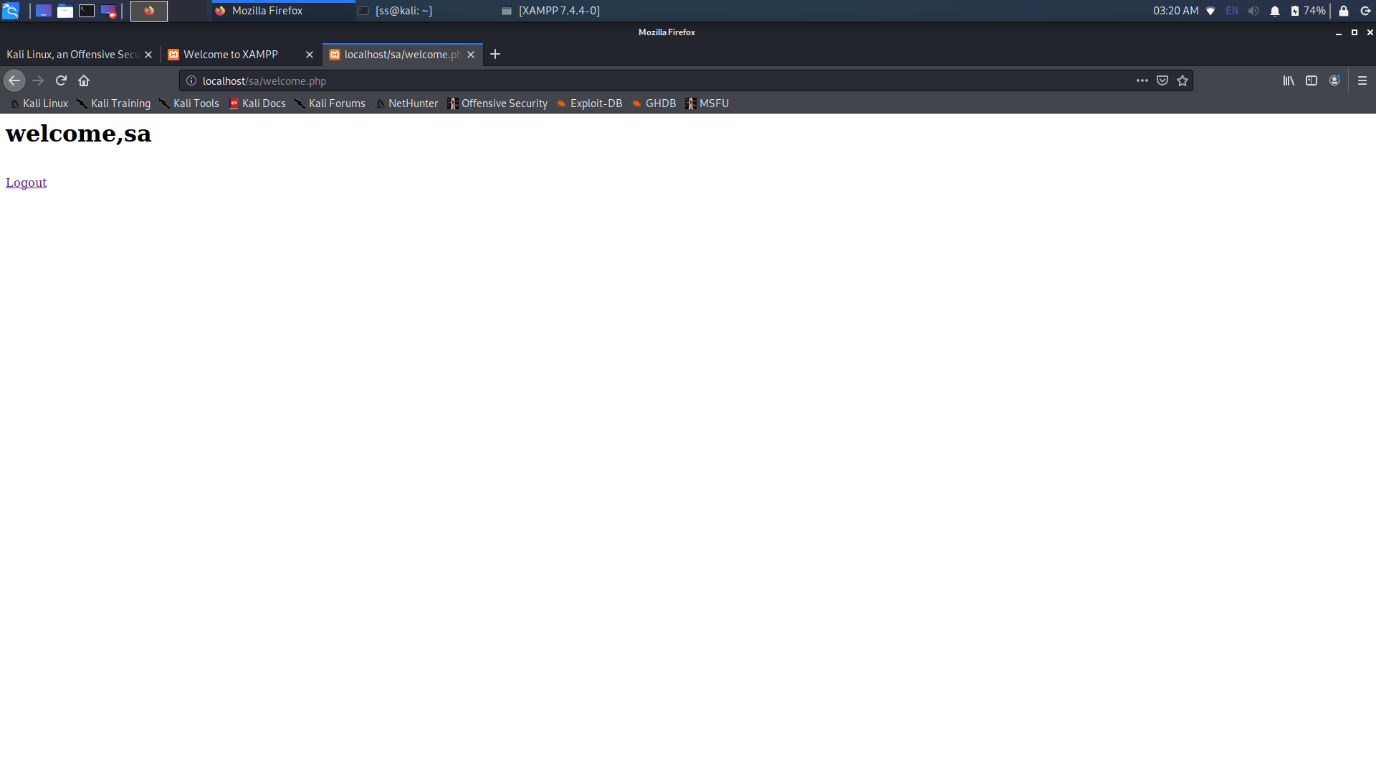
After successful registration username and password can be used for login, and

lands on a welcome page.

**Screenshots:-**

****

****

****