

Internet and Web Programming

Lab Assessment-4

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Slot: L53 + L54

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Apply the following to the front-end which you submitted for your previous assessments (2 & 3).

1. **Registration page:** Establish the connection with the database and verify the data is inserted to the appropriate fields.
2. **Login page:** Verify and authenticate a user using the username and password.
3. **Home page** (specific to your chosen application): Perform the database operations such as insert, delete and update by executing the SQL queries through PHP. Also embed the cookies and sessions.
4. Incorporate AJAX to display the form validation messages (Minimum 2 fields should be validated using AJAX).

Q1 & Q2

Code:

Join.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$myDB="users";
$name = $_POST['firstname'];
$email= $_POST['email'];
$pass= $_POST['password'];
$bday= $_POST['date'];
$gender= $_POST['gen'];
$mob= $_POST['mobile'];
$edu= $_POST['Education'];
$pfp= $_POST['myfile'];
$conn = mysqli_connect($servername, $username, $password,$myDB,3306);

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
```

```

$sql = "INSERT INTO usertable (FullName, Email, Pass, Birthday, Gender,
Mobile, Education, Pfp)
VALUES ('$name', '$email', '$pass', '$bday', '$gender', '$mob', '$edu',
'$pfp')";

if (mysqli_query($conn, $sql)) {
    echo '<script> window.location.assign("login.html");</script>';
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

mysqli_close($conn);
?>

```

Form.html: Adding action attribute

```
<form id="regform" method="Post" action="/Lab4/join.php">
```

Signin.php:

```

<?php
$servername = "localhost";
$username = "root";
$password = "";
$myDB="users";
$email= $_POST['email'];
$pass= $_POST['password'];
$conn = mysqli_connect($servername, $username, $password,$myDB,3306);

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT * from usertable WHERE email='$email'";
$qu= mysqli_query($conn, $sql);

if (mysqli_query($conn, $sql)) {
    if( mysqli_num_rows($qu)!=0) {

```

```

        if($isValid= mysqli_query($conn, "SELECT * FROM usertable where
email='$email' AND Pass='$pass'")){
            if( mysqli_num_rows($isValid)==0){
                echo '<script>alert("Wrong Password Entered!");';
                window.location.assign("login.html");</script>';
            }
            else{
                header("Location: /A4/article.html");
            }
        }

    }
else{
    echo '<script>alert("Wrong Email Entered!");';
    window.location.assign("login.html");</script>';
}
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

mysqli_close($conn);
?>

```

Login.html: Adding action attribute

```
<form id="loginform" action="/Lab4/signin.php" method="post">
```

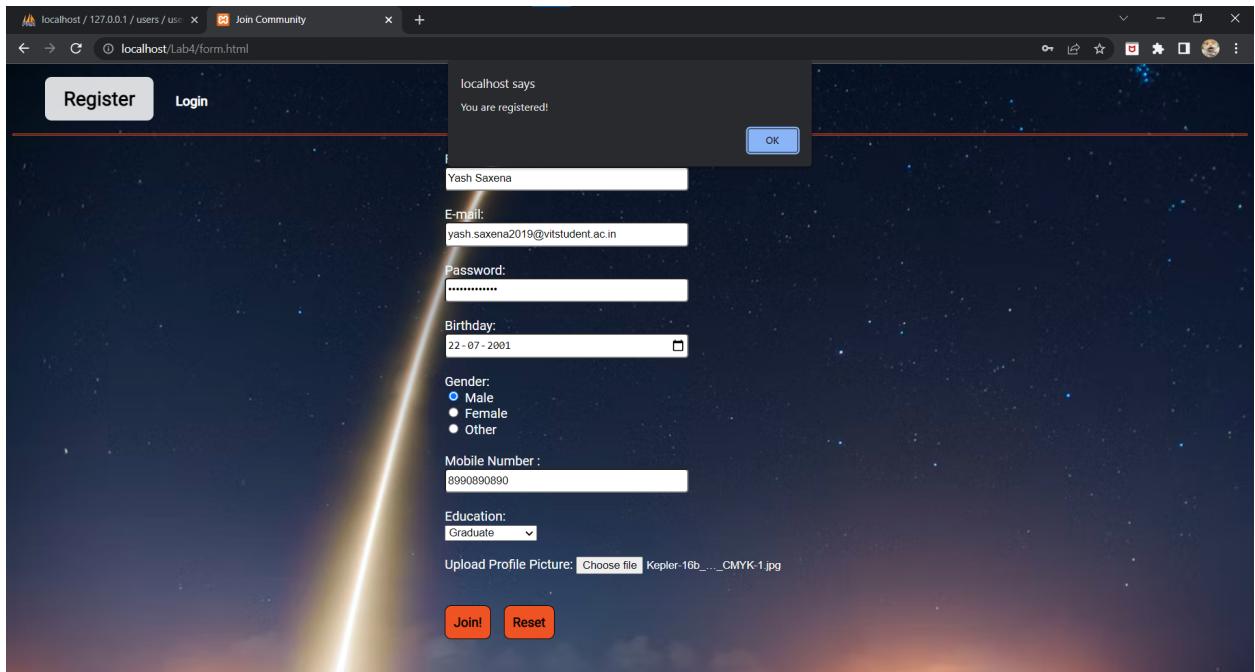
Creating Table:

```

CREATE TABLE userTable (
    ID int AUTO_INCREMENT,
    FullName varchar(50),
    Email varchar(40),
    Pass varchar(50),
    Birthday date,
    Gender varchar(6),
    Mobile char(10),
    Education varchar(20),
    Pfp VARCHAR(255),
    PRIMARY KEY (ID)
);
```

Output:

● Registration



● Table in phpMyAdmin

The screenshot shows the phpMyAdmin interface with the 'users' database selected. The 'usable' table is displayed, showing two rows of data. The columns are ID, FullName, Email, Pass, Birthday, Gender, Mobile, Education, and Pfp. The data for the first row is ID 1, FullName Test User, Email testuser@gmail.com, Pass Test123##, Birthday 2000-01-01, Gender Male, Mobile 9889789789, Education Undergraduate, and Pfp Mind_the_stars.jpg. The data for the second row is ID 2, FullName Yash Saxena, Email yash.saxena2019@vitstudent.ac.in, Pass Password123@@, Birthday 2001-07-22, Gender Male, Mobile 8990890890, Education Graduate, and Pfp Kepler-16b_39x27_CMKY-1.jpg.

ID	FullName	Email	Pass	Birthday	Gender	Mobile	Education	Pfp
1	Test User	testuser@gmail.com	Test123##	2000-01-01	Male	9889789789	Undergraduate	Mind_the_stars.jpg
2	Yash Saxena	yash.saxena2019@vitstudent.ac.in	Password123@@	2001-07-22	Male	8990890890	Graduate	Kepler-16b_39x27_CMKY-1.jpg

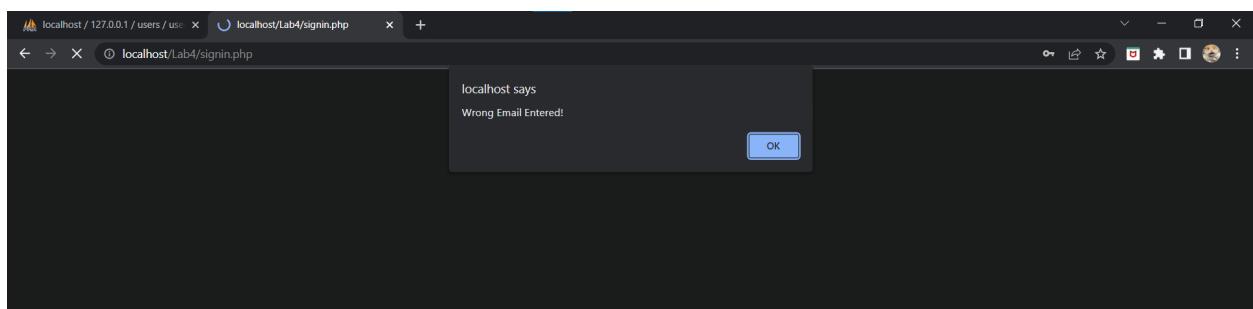
- Wrong Email

Login to View Blog and Gallery

Email:

Password:

Sign IN



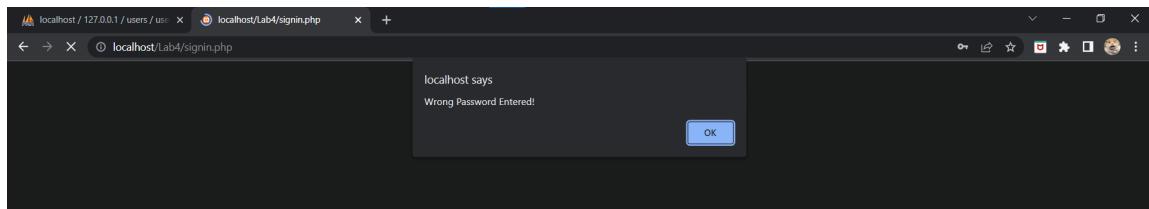
- Wrong Password

Login to View Blog and Gallery

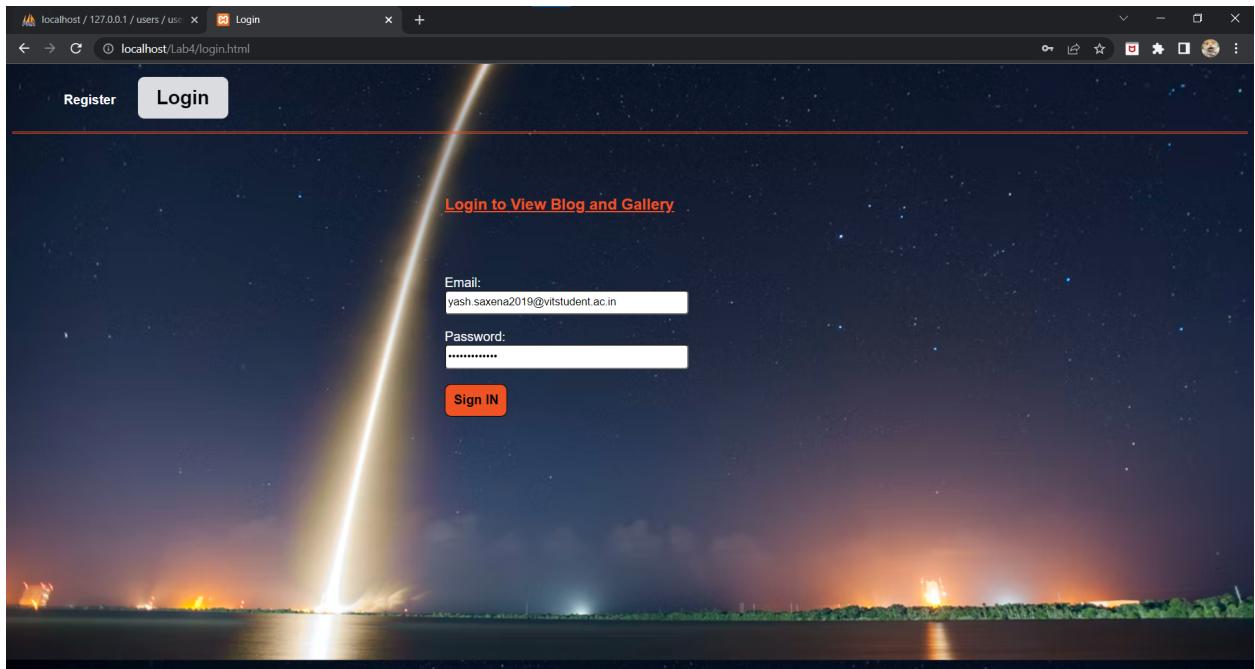
Email:

Password:

Sign IN



- **Correct credentials**



- **User redirected to Article page on successful authentication**

A screenshot of a web browser showing an article page. The header of the page includes a navigation bar with 'Gallery' and 'Article' buttons, where 'Article' is highlighted. Below the header is a dark banner with the word 'Article' in white and a 'Logout' link. The main content of the page is an article titled '[SpaceX's 1st Crew Dragon astronauts settle into life at the Space Station](#)'. Below the title, it says '-by Yash Saxena on 9th Feb, 2022'. The article text discusses NASA astronauts Doug Hurley and Bob Behnken settling into their new temporary home on board the International Space Station. It quotes them talking about their first week of activities in orbit and the psychological impact of seeing Earth from space. A photograph of the two astronauts, Behnken and Hurley, is shown in the lower-left corner of the article area. The text continues to describe their mission and its significance.