CSE3002 – IWP – LAB FAT EXAM – FALL SEM 20

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Problem Statement:

Create DB tables user_accounts, projects, project_users. Populate 25 users, 10 projects, and assign relevant users to projects and fill the project users table.

Implement an online system for project management. On successful login, the user must land in his relevant project's homepage (to the project to which he is assigned)

Solution:

index.php

```php
<!DOCTYPE HTML>
<html>
      <head>
            <?php session_start(); ?>
            <link rel="stylesheet" href="styles.css" />
            <!-- Database Configuration -->
            <?php
            $con = mysqli_connect("localhost", "root", "") or
die("Unable to connect");
            mysqli_select_db($con, "iwpfat");
            ?>
            <!-- Database config end -->

            <!-- SweetAlert JS CDN -->
            <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
            <title>Project Manager</title>
      </head>
      <body>
            <!-- Navbar -->
            <ul>
                  <li><a class="active">Project Management
System</a></li>
```

```html
                    <li style="float:right"> <a>You are not logged
in</a></li>
            </ul>
            <!-- Navbar End -->
            <div class="loginbox">
                    <center>
                    <h2>Login to the Portal</h2>

                    <form action="index.php" method="post">
                            Username: <input type="text"
name="username" placeholder="Enter username...." />
                            <br><br>
                            Password: <input type="password"
name="pass" placeholder="Enter password..." />
                            <br><br>
                                <input type="submit" name="login" />
                            </center>
                    </form>

            </div>
            <?php
                    if(isset($_POST['login'])){
                            $un = $_POST['username'];
                            $pass = $_POST['pass'];
                            $query = "SELECT * FROM user_accounts WHERE
username='$un' AND password='$pass'";
                            $result = $con->query($query);
                            if(mysqli_num_rows($result)>0){
                                    $_SESSION['username'] = $un;
                                    $_SESSION['login']=1;
                                    echo
"<script>window.location='view.php'</script>";
                            }
                            else{
                                    echo "<script>swal('Login Process
Failed', 'Unable to login, try again with correct credentials',
'error');</script>";
                            }
                    }
            ?>
        </body>
</html>
```

view.php

```php
<!DOCTYPE HTML>
<html>
      <head>
            <?php
                  session_start();
                  if(!isset($_SESSION['login'])){
                        header("index.php");
                  }
            ?>
            <link rel="stylesheet" href="styles.css" />
            <!-- SweetAlert JS CDN -->
            <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>

            <!-- Database Configuration -->
            <?php
            $con = mysqli_connect("localhost", "root", "") or
die("Unable to connect");
            mysqli_select_db($con, "iwpfat");
            ?>
            <!-- Database config end -->
            <title>Project Management System</title>
      </head>
      <body>
            <!-- Navbar -->
            <ul>
                  <li><a class="active">Project Management
System</a></li>
                  <li style="float:right"> <a
href="logout.php">Logout</a></li>
            </ul>
            <!-- Navbar End -->
            <?php
                  $user = $_SESSION['username'];
                  $q = "SELECT * FROM projects a, project_users b
WHERE a.projid=b.projectid AND b.username='$user'";
                  $res = $con->query($q);
            ?>
            <!--Displaying Project -->
            <div class="projectbox">
                  <?php
                        if(mysqli_num_rows($res)==0){
```

3

```php
                                echo "You have not been assigned any
project yet";
                                }
                                else{
                                        while($rows=$res->fetch_assoc()){
                ?>
                                <center>
                                <h1>Your Project Dashboard</h1>
                                <table border=1 style="border-collapse:
collapse" width="90%">
                                        <tr>
                                                <th>User: </th>
                                                <td><?php echo
$_SESSION['username']; ?></td>
                                        </tr>
                                        <tr>
                                                <th>Assigned Project Name:
</th>
                                                <td><?php echo $rows['name'];
?></td>
                                        </tr>
                                        <tr height="200px">
                                                <th>Description: </th>
                                                <td><?php echo
$rows['description']; ?></td>
                                        </tr>
                                        <tr>
                                                <th>Started On: </th>
                                                <td><?php echo date("d-m-y",
strtotime($rows['startdate'])); ?></td>
                                        </tr>
                                        <tr height="50px">
                                                <th
colspan="2"><center>Options</center></th>
                                        </tr>
                                        <tr height="100px">
                                                <td colspan="2">
                                                <center>
                                                        <button>See
Files</button>

                                                        <button>See
Teammates</button>

                                                </center>
                                                </td>
```

```php
                                    <tr>
                            </table>
                            </center>
                                    <?php }
                            } ?>
                </div>
                <!-- End Displaying project -->
        </body>
</html>
```
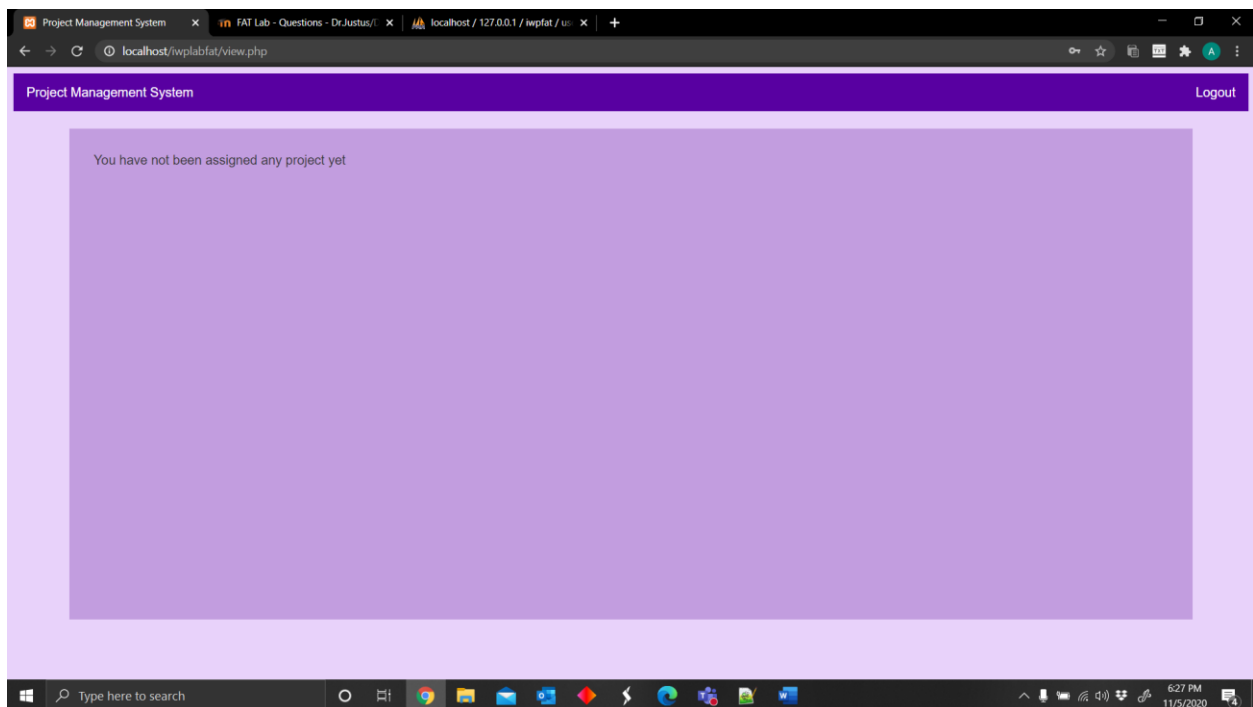
logout.php

```php
<?php
        session_start();
        session_destroy();
        echo "<script>window.location='index.php'</script>";
?>
```

styles.css

```css
ul {
  list-style-type: none;
  margin: 0;
  padding: 0;
  overflow: hidden;
  background-color: #5800a1;
}
li {
  float: left;
}
li a {
  display: block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

li a:hover {
  background-color: #111;
}
body{
        background-color: #e8d2fa;
        font-family:Helvetica;
```

```css
    }
.loginbox{
        width: 320px;
        height: 390px;
        background: rgba(78, 0, 143, 0.25);
        color: #333;
        top: 50%;
        left: 50%;
        position: absolute;
        transform: translate(-50%, -50%);
        box-sizing: border-box;
        padding: 30px 30px
    }

.projectbox{
        width: 90%;
        height: 80%;
        background: rgba(78, 0, 143, 0.25);
        color: #333;
        top: 50%;
        left: 50%;
        position: absolute;
        transform: translate(-50%, -50%);
        box-sizing: border-box;
        padding: 30px 30px
    }
.projectbox button
        {
        border: none;
        outline: none;
        height: 40px;
        background: #3f0073;
        color: #fff;
        font-size: 18px;
        border-radius: 20px;
    }
.projectbox button:hover
        {
        cursor: pointer;
        background: #ffc107;
        color: #000;
        }
input[type="submit"]
        {
        border: none;
```

```css
        outline: none;
        height: 40px;
        background: #8600c4;
        color: #fff;
        font-size: 18px;
        border-radius: 20px;
        }

input[type="submit"]:hover
        {
        cursor: pointer;
        background: #ffc107;
        color: #000;
        }
```

OUTPUT SCREENSHOTS
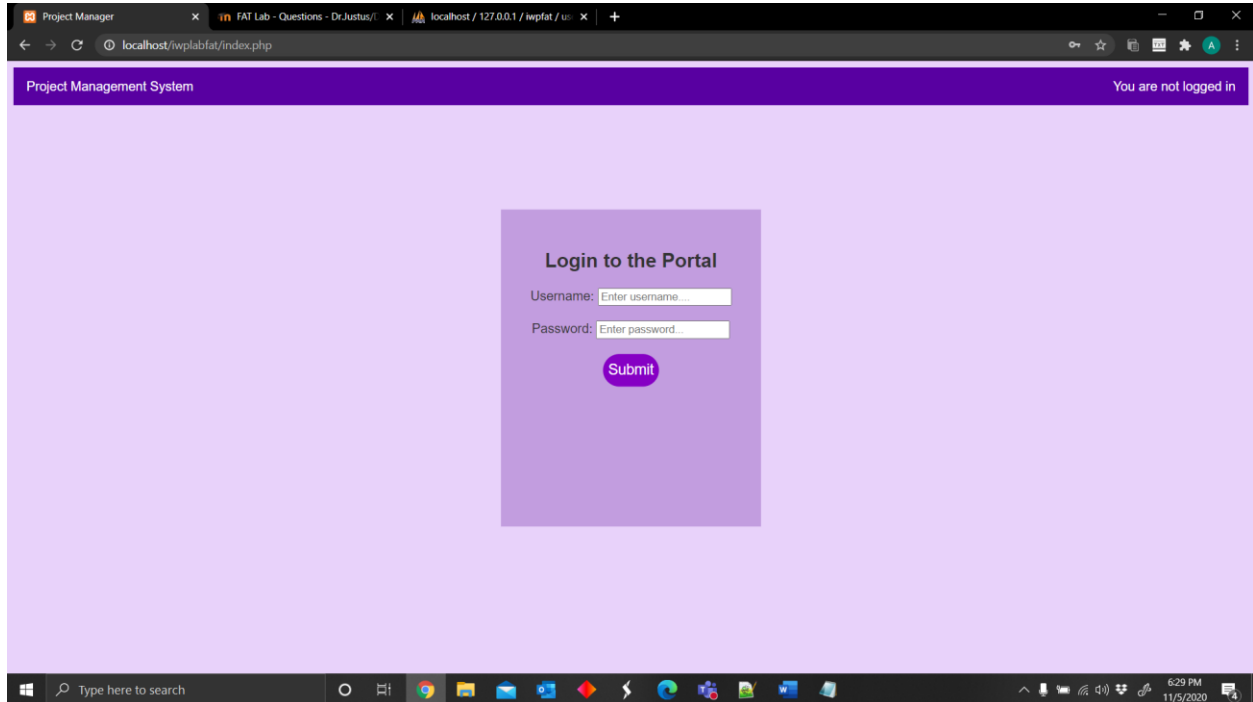
Fig 1. Login Page
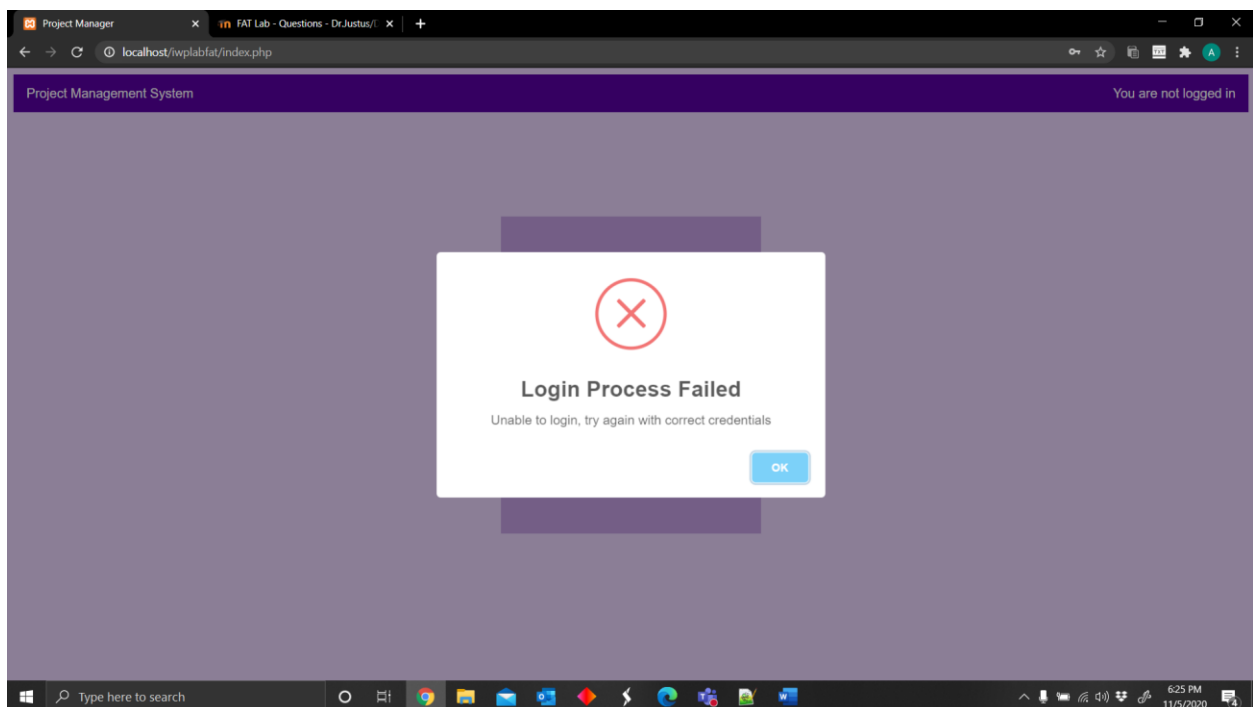
Fig 2. Failure to enter proper credentials, error message
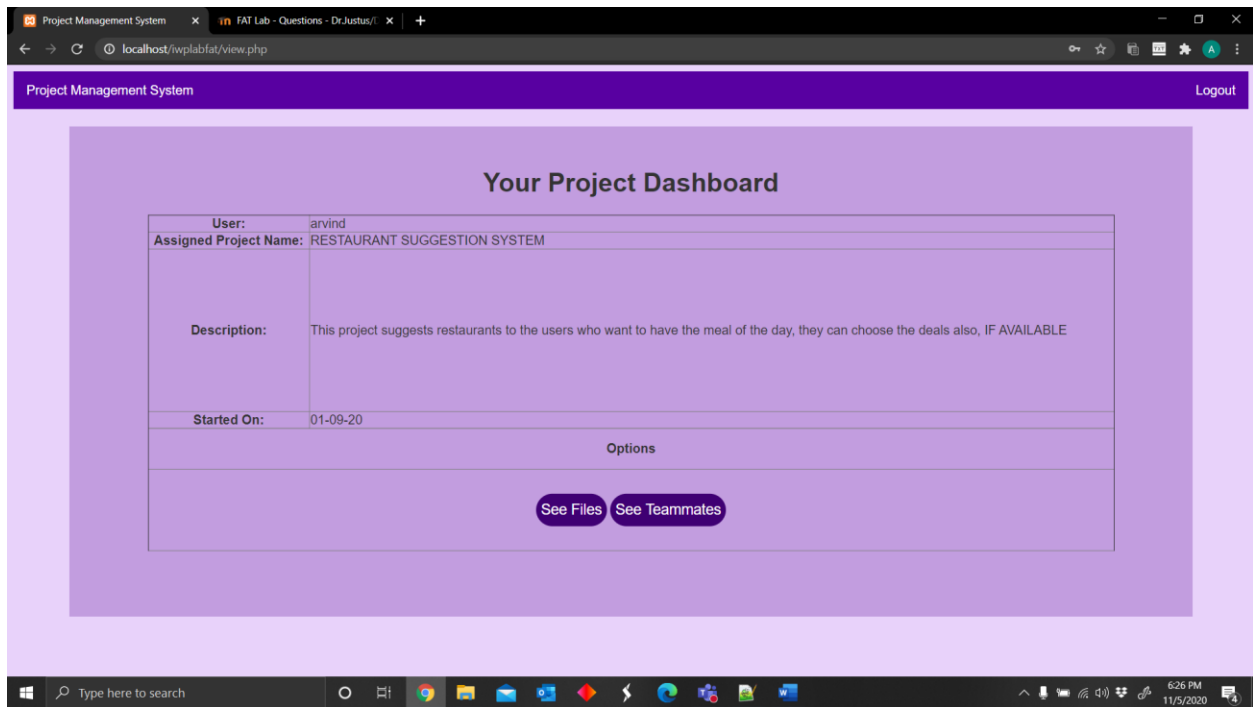
Fig 3. After successful login, if project is allocated, project details are displayed like the above screenshot

Fig 4. After successful login, if there is no project, details are displayed like the above

Fig 5. Database design

Fig 6. Contents in projects table

Fig 7. Contents in project_users table

			id	fname	lname	username	password
☐	🖊 Edit ⫶ Copy ⊖ Delete		1	ARVIND	C B	arvind	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		2	PRANAYDEEP	MAYANK	pranay	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		3	JAY	GUPTA	jaygupta	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		4	SANJAY	S	sanjays	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		5	MITHUN	P	mithun	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		6	APURV	SANGMESH	apurv	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		7	CHINMAI	S	chinmai	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		8	ARNAB		arnabk	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		9	MONISH	B	monishb	abc123
☐	🖊 Edit ⫶ Copy ⊖ Delete		10	DIVYANSH		divyansh	abc123

Fig 8. Contents in user_accounts table

Fig 9. Other user details

11