

## 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

```
<!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>
```

```

        <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

```
<!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){
```

```

        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:
                    <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>

```

```

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

```

## logout.php

```

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

```

## styles.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;
}

```

```

}
.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;
}

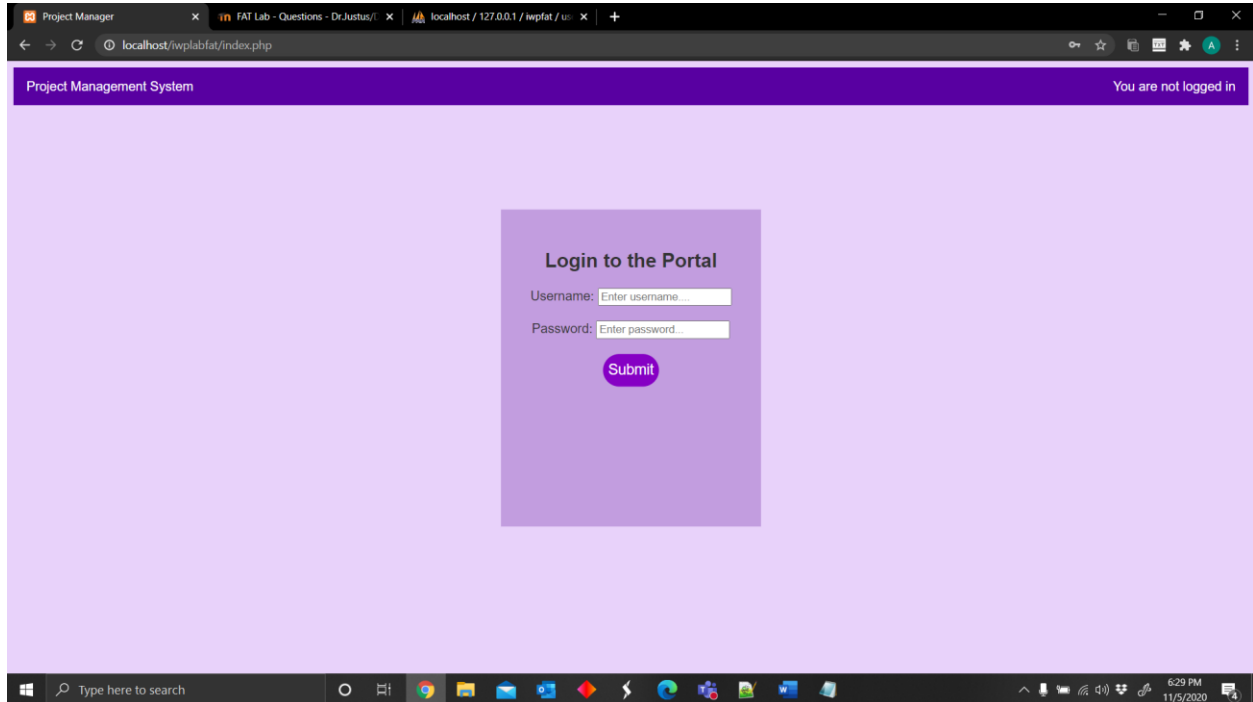
input[type="submit"]
{
    border: none;

```

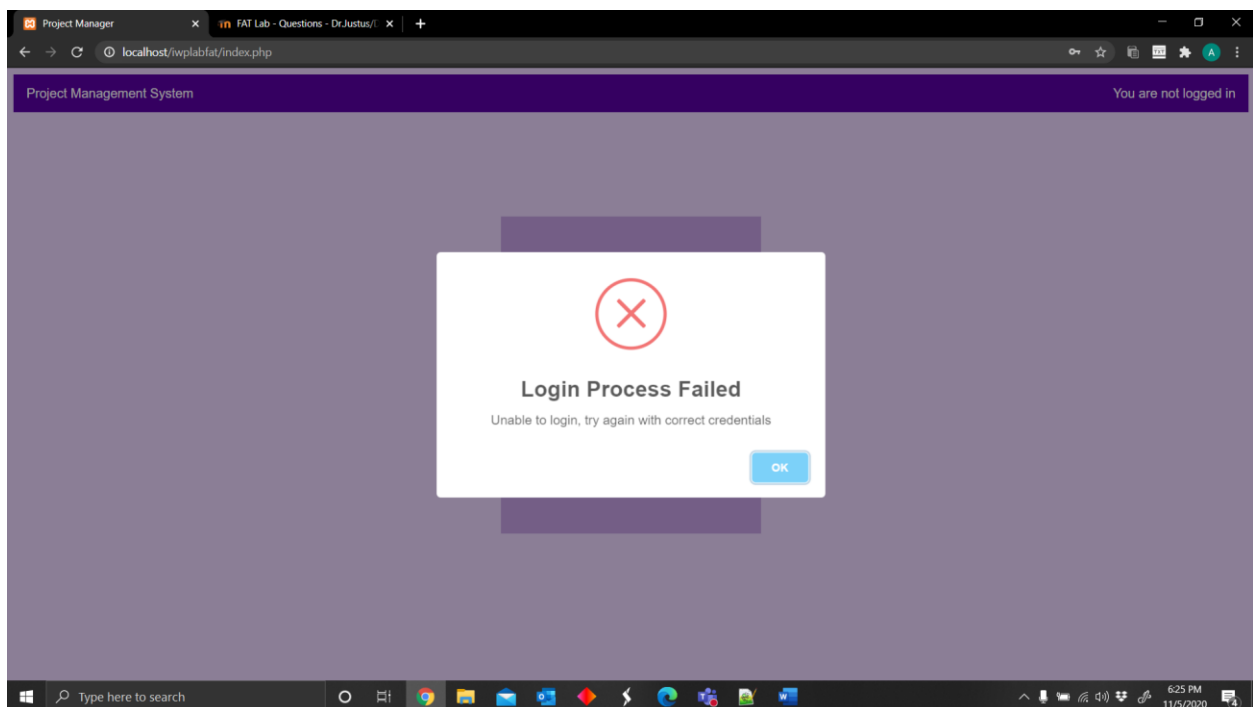
```
outline: none;  
height: 40px;  
background: #8600c4;  
color: #fff;  
font-size: 18px;  
border-radius: 20px;  
}
```

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

## OUTPUT SCREENSHOTS

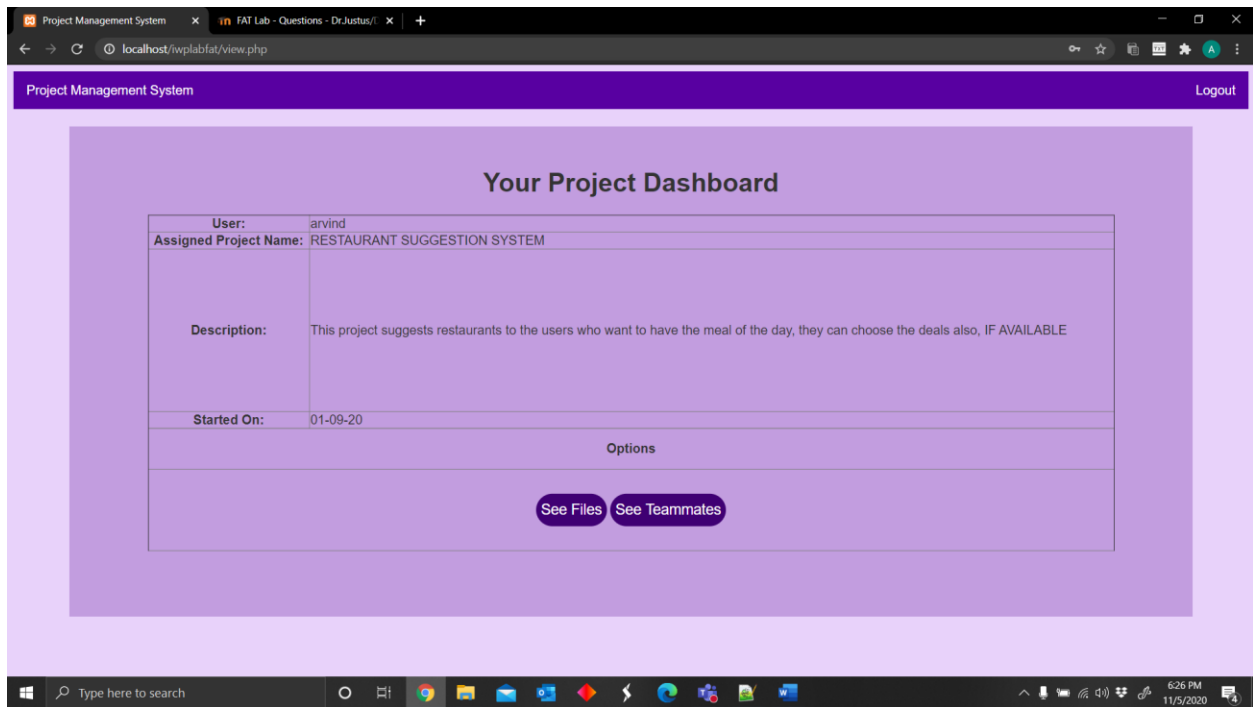


**Fig 1. Login Page**

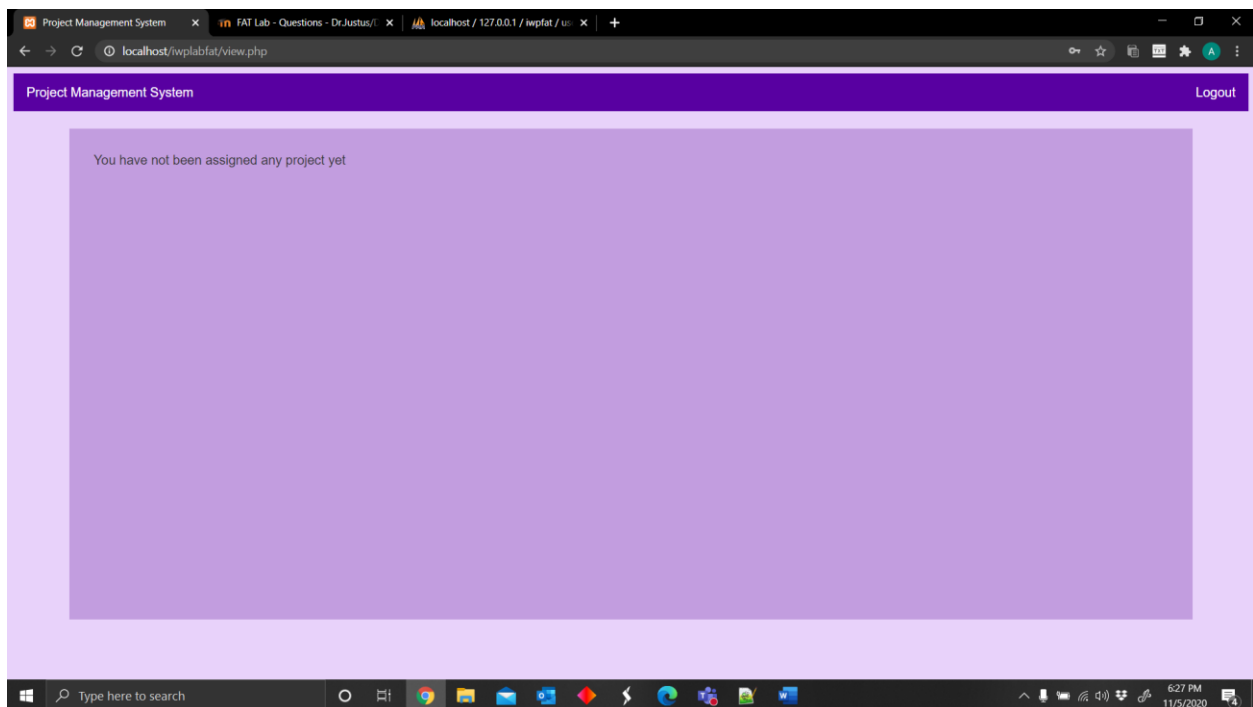


**Fig 2. Failure to enter proper credentials, error message**





**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**

Server: 127.0.0.1 » Database: iwpfat

Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> projects	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> project_users	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> user_accounts	★ Browse Structure Search Insert Empty Drop	10	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<b>3 tables</b>	<b>Sum</b>	<b>23</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>64.0 KiB</b>	<b>0 B</b>

☐ Check all
 With selected:

Print Data dictionary

Fig 5. Database design

	id	projid	name	description	startdate
<input type="checkbox"/> Edit Copy Delete	1	PROJECT001	RESTAURANT SUGGESTION SYSTEM	This project suggests restaurants to the users who...	2020-09-01
<input type="checkbox"/> Edit Copy Delete	2	PROJECT002	COLLEGE DATABASE	this project manages all college related activitie...	2020-08-01
<input type="checkbox"/> Edit Copy Delete	3	PROJECT003	BREEZYCLOUD	This project is a weather suggestion system. It pr...	2020-10-15
<input type="checkbox"/> Edit Copy Delete	4	PROJECT004	LIBRARY MANAGEMENT SYSTEM	This is a dynamic project where it can manage the ...	2020-11-01
<input type="checkbox"/> Edit Copy Delete	5	PROJECT005	RAILWAY TICKET BOOKING SYSTEM	This project is simple and sound and is used to bo...	2020-10-15

☐ Check all
 With selected: Edit Copy Delete Export

Fig 6. Contents in projects table

+ Options

	id	projectid	username
<input type="checkbox"/> Edit Copy Delete	1	PROJECT001	arvind
<input type="checkbox"/> Edit Copy Delete	2	PROJECT001	pranay
<input type="checkbox"/> Edit Copy Delete	3	PROJECT002	jaygupta
<input type="checkbox"/> Edit Copy Delete	4	PROJECT002	sanjays
<input type="checkbox"/> Edit Copy Delete	5	PROJECT003	mithun
<input type="checkbox"/> Edit Copy Delete	6	PROJECT004	apurv
<input type="checkbox"/> Edit Copy Delete	7	PROJECT005	arnabk
<input type="checkbox"/> Edit Copy Delete	8	PROJECT005	divyansh

Fig 7. Contents in project\_users table

<div><div><div></div><div></div><div></div></div></div>				id	fname	lname	username	password
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	ARVIND	C B	arvind	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	PRANAYDEEP	MAYANK	pranay	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	JAY	GUPTA	jaygupta	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	SANJAY	S	sanjays	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	MITHUN	P	mithun	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	APURV	SANGMESH	apurv	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	CHINMAI	S	chinmai	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	ARNAB		arnabk	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	9	MONISH	B	monishb	abc123
<input type="checkbox"/>	 Edit	 Copy	 Delete	10	DIVYANSH		divyansh	abc123

**Fig 8. Contents in user\_accounts table**

The screenshot shows a web browser window with the URL `localhost/wplabfat/view.php`. The page title is "Project Management System" and there is a "Logout" link in the top right corner. The main content area is titled "Your Project Dashboard" and displays the following details:

- User:** divyansh
- Assigned Project Name:** RAILWAY TICKET BOOKING SYSTEM
- Description:** This project is simple and sound and is used to book the tickets to the railways and do all its related activities such as cancellation, modification, view vacancies, etc
- Started On:** 15-10-20
- Options:** A section containing two buttons: "See Files" and "See Teammates".

**Fig 9. Other user details**