

Advanced Web Technology

H.D.D.Prasad

M20010828004.

Introduction

Employee registration and task registration systems play a pivotal role in ensuring that employees are appropriately onboarded and assigned tasks in a structured and organized manner. In this introduction, we will explore the concept of employee registration and task registration systems and how to create them using PHP and HTML.

Employee Registration:

Employee registration is the process of collecting and storing essential information about employees when they join an organization. This information typically includes personal details, contact information, job-related details, and sometimes even additional documents like resumes, identification, and certifications. Employee registration systems are used to streamline this process, making it efficient and accurate.

Task Registration:

Task registration involves the creation and management of tasks or assignments for employees within an organization. It allows for the assignment of tasks to specific employees, tracking the status and progress of those tasks, and monitoring deadlines and priorities. Task registration systems are crucial for ensuring that work is distributed effectively and that everyone is aware of their responsibilities.

Using PHP/HTML for Employee and Task Registration:

PHP (Hypertext Preprocessor) and HTML (Hypertext Markup Language) are widely used for creating web-based applications and systems. These technologies are well-suited for building employee and task registration systems due to their simplicity, versatility, and compatibility with web browsers.

In the following sections, we will guide you through the process of creating basic employee registration and task registration forms using PHP and HTML. These forms will serve as the foundation for developing more comprehensive systems tailored to your organization's needs.

Wireframe diagrams

Employee
Registration

Task
Registration

Activity
Registration

Assign the
Employee

Tid:

Name

Sdate

Edate

Nature

Submit

Task

Eid	<input type="text"/>
telephone:	<input type="text"/>
Name:	<input type="text"/>
email	<input type="text"/>
Designation:	<input type="text"/>
<input type="button" value="Submit"/>	<input type="button" value="Task"/>

Eid	<input type="text"/>
Task Id	<input type="text"/>
Activity id	<input type="text"/>
Date assign	<input type="text"/>
Remark	<input type="text"/>
<input type="button" value="Submit"/>	<input type="button" value="Task"/>

Codes and screen shots.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="stylefill.css">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Register Employee</title>
</head>
<body>
  <h1>Employee</h1>
  <div class="ap">
    <form action="emgReg.php" method="post">
      <label>Eid: </label>
      <input type = "text" name = "Eid"><br><br>

      <label>telephone: </label>
      <input type = "text" name = "telephone"><br><br>

      <label>Name: </label>
      <input type = "text" name = "Name"><br><br>

      <label>email: </label>
      <input type = "email" name = "email"><br><br>

      <label>Designation: </label>
      <input type = "text" name = "Designation"><br><br>

      <input type = "submit" name = "submit" value="Submit"><br><br>
      <input type="button" name="Task" value="Task"><br><br>
      <a href="HomePage.html" class="button">Home Page</a>
    </form>
  </div>
</body>
</html>
```

```
<?php
  $servername = "localhost";
  $username = "root";
  $password= "";
  $dbname = "project";
```

```

//create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);

//echo "passed";

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

//sql part

$Eid = $_POST["Eid"];
$telephone = $_POST["telephone"];
$Name = $_POST["Name"];
$email = $_POST["email"];
$Designation = $_POST["Designation"];

$sql = "INSERT INTO Employee (Eid, telephone, Name, email, Designation)
VALUES ('$Eid','$telephone','$Name','$email','$Designation')";

if (mysqli_query($conn, $sql)){
    echo "New record has been added successfully.";
}
else{
    echo "Error: ".$sql."<br>". mysqli_error($conn);
}

mysqli_close($conn);

?>

```

```

<html>
<head> <title> Register tasks </title>
<link rel="stylesheet" href="stylefill.css">

    <script>
        if(window.history.replaceState){
            window.history.replaceState(null, null, window.location.href);
        }
    </script>

```

```

        </head>
<body>

<?php

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "project";

$conn = mysqli_connect($servername,$username,$password,$dbname);

?>

<div class="ap">
    <h1>Assign Activities</h1>
<table>
<form method="POST" action="Activity.php" >
    <tr>
        <td>
            <label for="taskid">Task ID</label>
        </td>
        <td>
            <select name="taskid" id="taskid" required>
                <option value=""></option>
                <?php
                    $categoris = mysqli_query($conn, "SELECT * FROM task");
                    while ($row = mysqli_fetch_array($categoris)){
                        ?>
                        <option value="<?php echo $row['Tid']?>"><?php echo
$row['Tid'] ?> </option>
                        <?php } ?>
                    </select>
                </td>
            </tr>
            <tr>
                <td>
                    <label for="act">Activity Id</label>
                </td>
                <td>

```

```

        <input type="text" id="actid" name="actid">
    </td>
</tr>
<tr>
    <td>
        <label for="act">Activity</label>
    </td>
    <td>
        <input type="text" id="act" name="act">
    </td>
</tr>
<tr>
    <td></td>
    <td>
        <input type="submit" id="submit" name="submit" value="Add"
required>
    </td>
</tr>

</form>

</table>

<?php
error_reporting(0);
global $act;
global $taskid;
global $actid;
$taskid = $_POST['taskid'];
$act = $_POST['act'];
$actid = $_POST['actid'];

if (isset($_POST['submit'])) {
    if(array_key_exists('submit', $_POST)) {
        $sql = "INSERT INTO taskactivities(activityid,Tid,activity)
        VALUES('$actid','$taskid', '$act')";
        mysqli_query($conn,$sql);

    }
}

```



```
?>
```

```
<?php
```

```
$query = "SELECT * FROM taskactivities";
```

```
$result = mysqli_query($conn,$query);
```

```
?>
```

```
<table class ="table1">
```

```
  <tr>
```

```
    <th>
```

```
      Tid
```

```
    </th>
```

```
    <th>
```

```
      Activity Id
```

```
    </th>
```

```
    <th>
```

```
      Activity
```

```
    </th>
```

```
  </tr>
```

```
<?php
```

```
if( mysqli_num_rows($result)>0 ){
```

```
  while($data = mysqli_fetch_assoc($result)){
```

```
    ?>
```

```
    <tr>
```

```
      <td><?php echo $data['activityid']; ?> </td>
```

```
      <td><?php echo $data['Tid']; ?> </td>
```

```
      <td><?php echo $data['activity'];?> </td>
```

```
    </tr>
```

```
    <?php
```

```
  }
```

```
}else{ ?>
```

```
  <tr>
```

```
    <td colspan="5">No data found</td>
```

```
  </tr>
```

```

<?php
}

?>
</table>

<form method="POST">
    <input type="submit" name="sub" id="sub">
</form>
<form method="POST">
    <input type="submit" name="cleen" id="cleen" value="Cleen">
</form>
<a href="HomePage.html" class="button">Home Page</a>

<?php
if (isset($_POST['cleen'])) {
    $query = "DELETE FROM temp;";
    $result = mysqli_query($conn,$query);
}

mysqli_close($conn);
?>

</div>
</body>

</html>

```

```

<?php
$servername = "localhost";
$username = "root";
$password= "";
$dbname = "project";

//create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);

//echo "passed";

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

```

```

//sql part

$sql = "INSERT INTO taskactivities(activityid, Tid, activity)
SELECT (actid,taskid,act) FROM temp";

if (mysqli_query($conn, $sql)){
    echo "New record has been added successfully.";
}
else{
    echo "Error: ".$sql."<br>". mysqli_error($conn);
}

mysqli_close($conn);

?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Home Page</title>
    <link rel="stylesheet" href="homepage.css">
</head>
<body>
    <div class="button-container">
        <a href="emp.html" class="button">Employee Registration</a>
        <a href="Task.html" class="button">Task Registration</a>
        <a href="Activity.php" class="button">Activity Registration</a>
        <a href="Assign.php" class="button">Assign the Employee</a>
    </div>
</body>
</html>

```

```

<?php
    $servername = "localhost";
    $username = "root";
    $password= "";
    $dbname = "project";

    //create connection

```

```

$conn = mysqli_connect($servername, $username, $password, $dbname);

//echo "passed";

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

//sql part

$Tid = $_POST["Tid"];
$Name = $_POST["Name"];
$Sdate= $_POST["Sdate"];
$Edate = $_POST["Edate"];
$nature = $_POST["nature"];

$sql = "INSERT INTO task(Tid, Name, Startdate,enddate, nature) VALUES
('$Tid','$Name','$Sdate','$Edate','$nature')";

if (mysqli_query($conn, $sql)){
    echo "New record has been added successfully.";
}
else{
    echo "Error: ".$sql."<br>". mysqli_error($conn);
}

mysqli_close($conn);

?>

```

```

html>
    <head> <title> Register tasks </title>
    <style>
table, th, td {
    border:1px solid black;
}
</style>

    <script>
        if(window.history.replaceState){
            window.history.replaceState(null, null, window.location.href);

```

```

    }
    </script>

</head>
<body>
<?php
    $servername = "localhost";
    $username = "root";
    $password= "";
    $dbname = "project";

    //create connection
    $conn = mysqli_connect($servername, $username, $password, $dbname);

    //echo "passed";

    //check connection
    if(!$conn){
        die ("Connection failed: ". mysqli_connect_error());
    }
    $sql = "SELECT (Eid,Name) FROM INNER JOIN employee ON assign.Eid =
employee.Eid";

    $result = $conn->query($sql);
    ?>

<?php
    // Check if there are rows returned
    if ($result->num_rows > 0) {
        // Output data of each row
        while ($row = $result->fetch_assoc()) {
            // Display the data as needed
            ?>
            <table style="width:100%">

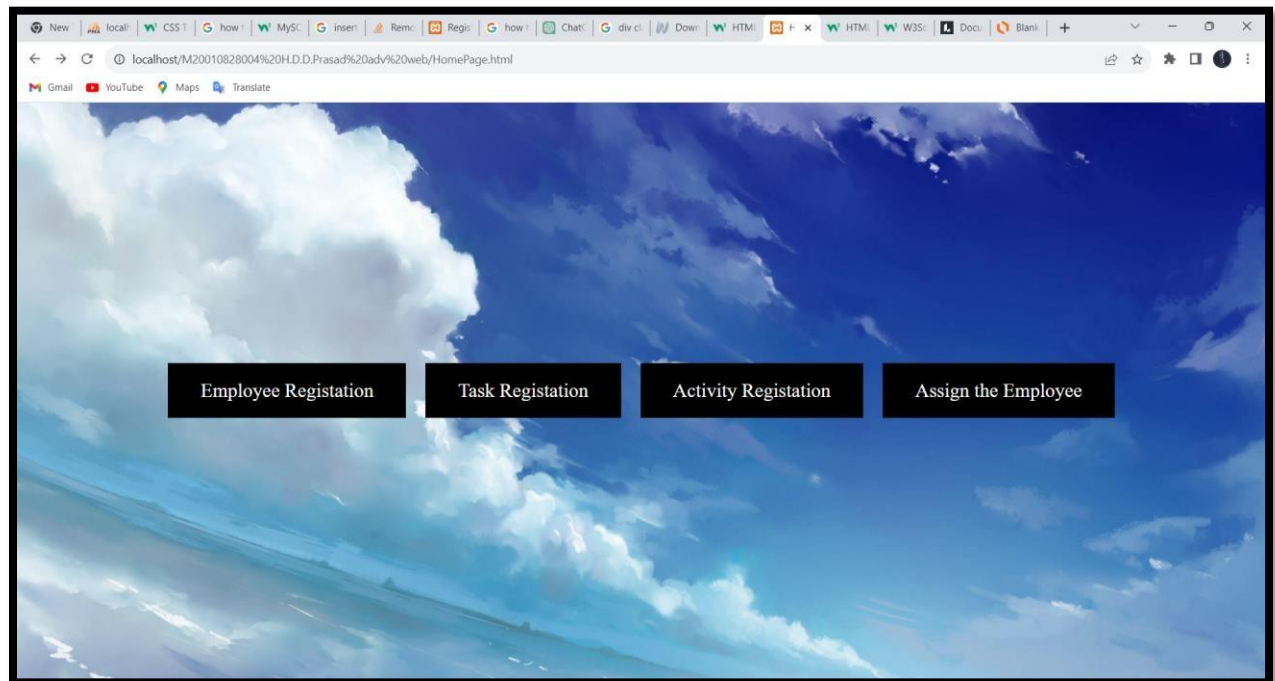
            <tr>
            <td><?php echo "Employee Id: " . $row["Eid"]?></td>
            <td><?php echo "Employee Name: " . $row["Name"] ?></td>

            </tr>
            </table>
            <?php

        }
    }

```

```
} else {  
    echo "0 results";  
}  
  
// Close the database connection  
$conn->close();  
?>
```



localhost/M20010828004%20H.D.D.Prasad%20adv%20web/emp.html

Employee

Eid:

telephone:

Name:

email:

Designation:

[Home Page](#)

localhost/M20010828004%20H.D.D.Prasad%20adv%20web/Activity.php

Assign Activities

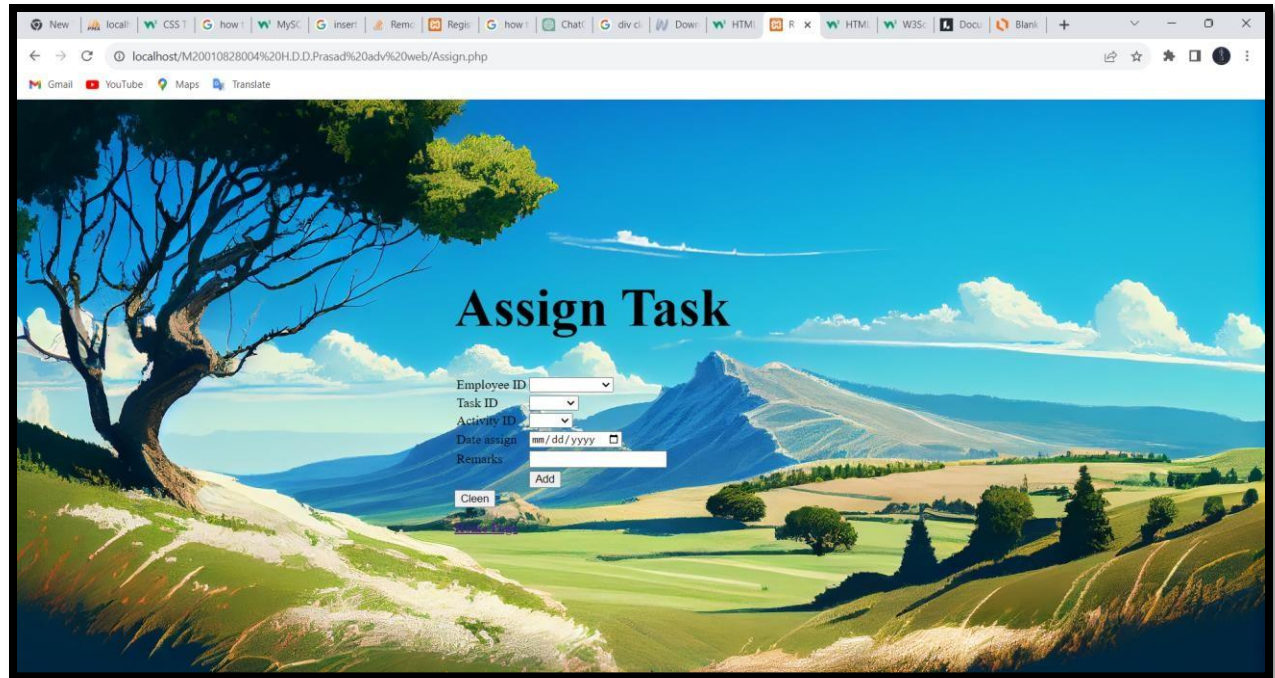
Task ID

Activity Id

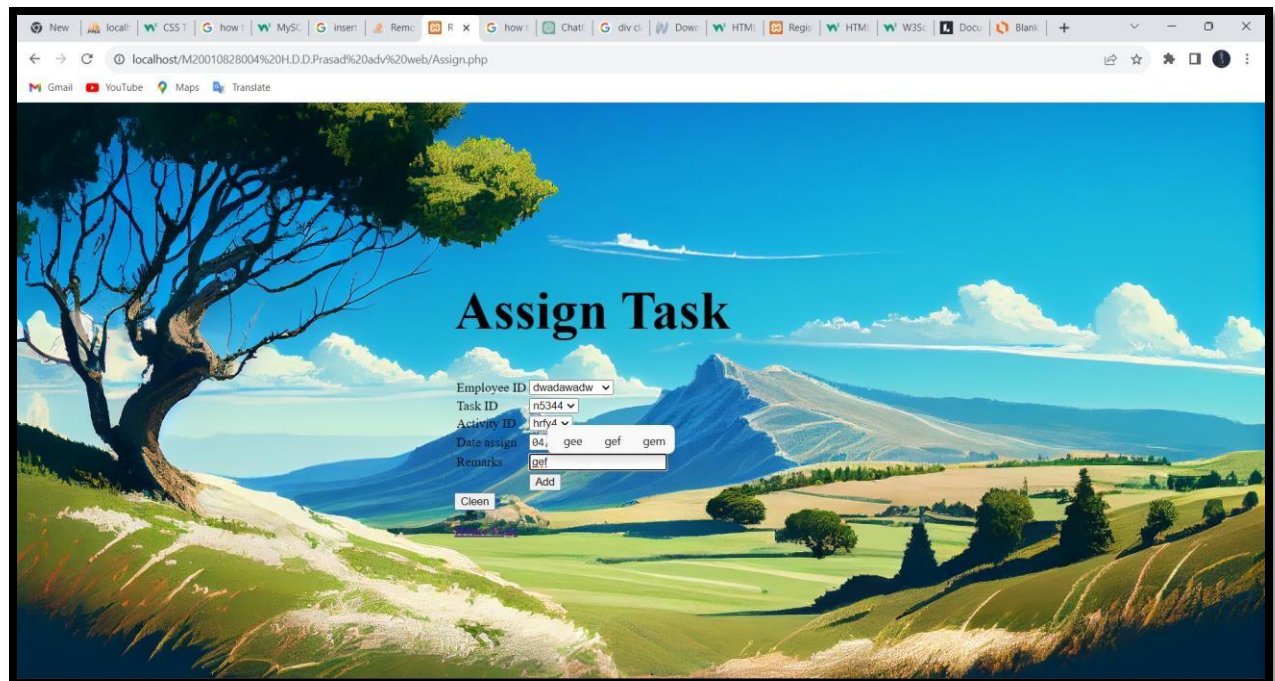
Activity

Tid	Activity Id	Activity
lufy4-n5344	fgvg65	
cgftr-n5344	vgvsgd	

[Home Page](#)



Testing Evidence



Showing rows 0 - 0 (1 total. Query took 0.0003 seconds)

SELECT * FROM `assign`

Profiling | Edit inline | Edit | Explain SQL | Create PHP code | Refresh

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	Eid	Tid	dateassign	activityid	remarks
<input type="checkbox"/>	dwadawdw	n5344	2023-10-25	hryf4	hryf7

☐ Check all | With selected: Edit | Copy | Delete | Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Console

Employee

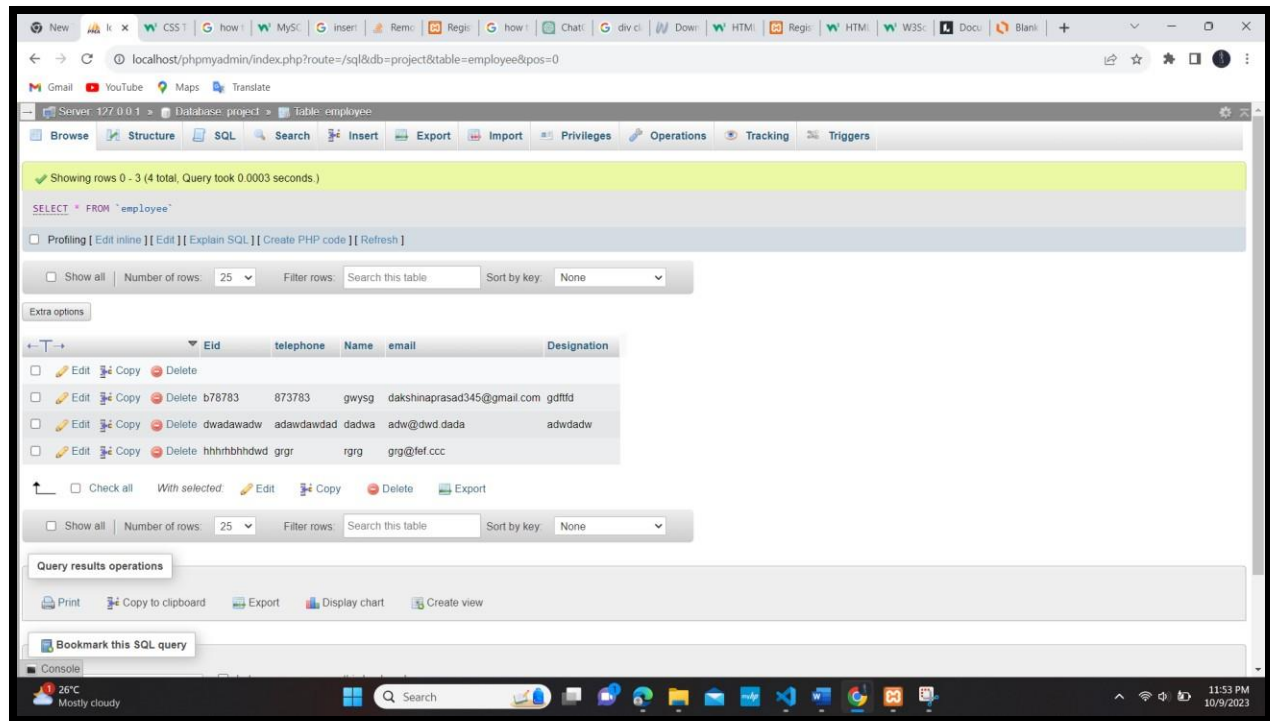
Eid:

telephone:

Name:

email:

Designation:



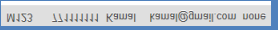
1. Testing Evidence.

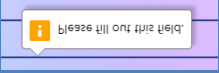
Home page

Test case no	Test case description	Input data	Expected results	Actual result	Pass / Fail	Evidence
1	Check whether the Employee button is direct to the Employee page	Click: Employee button	Navigate to Employee page	Navigate to Employee page	Pass	
2	Check whether the Register tasks button is direct to the Register tasks page	Click: Register tasks button	Navigate to Register tasks page	Navigate to Register tasks page	Pass	
3	Check whether the Activity button is direct to the Activity page	Click: Activity button	Navigate to Activity page	Navigate to Activity page	Pass	
4	Check whether the Assign Tasks button is direct to the Assign Tasks	Click: Assign Tasks button	Navigate to Assign Tasks page	Navigate to Assign Tasks page	Pass	

	page					
--	------	--	--	--	--	--

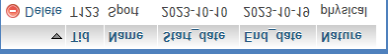
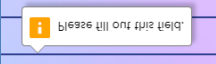
Employee page

Test case no	Test case description	Input data	Expected results	Actual result	Pass / Fail	Evidence
1	Check whether the Employee button is direct to the Employee page	Click: Employee button	Navigate to Employee page	Navigate to Employee page	Pass	
2	Check whether the Register tasks button is direct to the Register tasks page	Click: Register tasks button	Navigate to Register tasks page	Navigate to Register tasks page	Pass	
3	Check whether the Activity button is direct to the Activity page	Click: Activity button	Navigate to Activity page	Navigate to Activity page	Pass	
4	Check whether the Home page button is direct to the Home page	Click: Home page button	Navigate to Home page	Navigate to Home page	Pass	
5	Check whether the Assign Tasks button is direct to the Assign Tasks page	Click: Assign Tasks button	Navigate to Assign Tasks page	Navigate to Assign Tasks page	Pass	
6	Check whether the correct input	Eid:-M123 Telephone:- 7711111111	Added to Database	Added to Database	Pass	

	data submit successfully	Name:-Kamal Email:-kamal@gmail.com Designation:-none				
7	Check whether the submit button give error when user click submit button without enter data	Click:- submit	Show error	Show error	Pass	


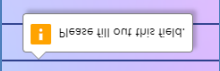
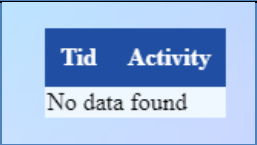
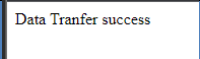
Register tasks page

Test case no	Test case description	Input data	Expected results	Actual result	Pass / Fail	Evidence
1	Check whether the Employee button is direct to the Employee page	Click: Employee button	Navigate to Employee page	Navigate to Employee page	Pass	
2	Check whether the Register tasks button is direct to the Register tasks page	Click: Register tasks button	Navigate to Register tasks page	Navigate to Register tasks page	Pass	
3	Check whether the Activity button is direct to the Activity page	Click: Activity button	Navigate to Activity page	Navigate to Activity page	Pass	
4	Check whether the Home page button is direct to the Home page	Click: Home page button	Navigate to Home page	Navigate to Home page	Pass	

5	Check whether the Assign Tasks button is direct to the Assign Tasks page	Click: Assign Tasks button	Navigate to Assign Tasks page	Navigate to Assign Tasks page	Pass	
6	Check whether the correct input data submit successfully	Tid:-T123 Name:-Sport Start date:-2023-10-10 End date:-2023-10-19 Nature:-physical	Added to Database	Added to Database	Pass	
7	Check whether the Submit button give error when user click Submit button without enter data	Click:-submit	Show error	Show error	Pass	

Assign Activities page

Test case no	Test case description	Input data	Expected results	Actual result	Pass / Fail	Evidence
1	Check whether the Employee button is direct to the Employee page	Click: Employee button	Navigate to Employee page	Navigate to Employee page	Pass	
2	Check whether the Register tasks button is direct to the Register tasks page	Click: Register tasks button	Navigate to Register tasks page	Navigate to Register tasks page	Pass	
3	Check whether the Activity button is direct to the Activity	Click: Activity button	Navigate to Activity page	Navigate to Activity page	Pass	

	page					
4	Check whether the Home page button is direct to the Home page	Click: Home page button	Navigate to Home page	Navigate to Home page	Pass	
5	Check whether the Assign Tasks button is direct to the Assign Tasks page	Click: Assign Tasks button	Navigate to Assign Tasks page	Navigate to Assign Tasks page	Pass	
6	Check whether the correct input data add to table when click add	Task ID:-T123 Activity:-Run Click: Add	Added to table	Added to Table	Pass	
7	Check whether the Add button give error when user click Add button without enter data	Click:- Add	Show error	Show error	Pass	
8	Check whether the clean button clean the table	Click:- Clean	Empty table	Empty table	Pass	
9	Check whether table data submit successfully when click submit	Task ID:-T123 Activity:-Run Click: Add Click:- submit	Show: Data Transfer success	Show: Data Transfer success	Pass	

Assign tasks page

Test case no	Test case description	Input data	Expected results	Actual result	Pass / Fail	Evidence
1	Check whether the Employee button is direct to the Employee page	Click: Employee button	Navigate to Employee page	Navigate to Employee page	Pass	
2	Check whether	Click: Register	Navigate to	Navigate	Pass	

	the Register tasks button is direct to the Register tasks page	tasks button	Register tasks page	to Register tasks page												
3	Check whether the Activity button is direct to the Activity page	Click: Activity button	Navigate to Activity page	Navigate to Activity page	Pass											
4	Check whether the Home page button is direct to the Home page	Click: Home page button	Navigate to Home page	Navigate to Home page	Pass											
5	Check whether the Assign Tasks button is direct to the Assign Tasks page	Click: Assign Tasks button	Navigate to Assign Tasks page	Navigate to Assign Tasks page	Pass											
6	Check whether the correct input data submit successfully	Eid:-F456 Tid:- T123 Date assign:- 2023-10-01 Acivityid:- 231 Remarks:- “ ” Click submit	Added to Database	Added to Database	Pass	<table><tr><th>Eid</th><th>Tid</th><th>Dateassign</th><th>Acivityid</th><th>Remarks</th></tr><tr><td>F456</td><td>T123</td><td>2023-10-01</td><td>231</td><td></td></tr></table>	Eid	Tid	Dateassign	Acivityid	Remarks	F456	T123	2023-10-01	231	
Eid	Tid	Dateassign	Acivityid	Remarks												
F456	T123	2023-10-01	231													
7	Check whether the Submit button give error when user click Submit button without enter data	Click:- submit	Show error	Show error	Pass	<div>Please fill out this field</div>										