

## MINI PROJECT 2 – WEB PAGE CREATION

### HTML and CSS Layout with JS:

Use HTML to structure the page and CSS (with Bootstrap) to style it.

- Create a responsive layout with a sidebar, navigation and content area for User Display information, Task list display, Date time display.
- Include sections for displaying user information, display user task/order/\* list in Table/Grid/Flex and a date/time display on user page.
- Add top priority pending task with a mouse-over colour effect or other effects of your choice.

### Basic I/O:

Provide input fields with form to enter their name and city.

- Display required field validation.
- Display messages using alert() or confirm() or custom Bootstrap modals before submission.
- Provide List priority button P1, P2, P3, P4. Based on user selection show P1 as High priority, P2 and P3 as Medium priority and P4 as Low priority. Hint: Use Switch.

### Date/Time Display:

- Display the current date and time.
- Update the time using setInterval.

### CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>User Dashboard</title>
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      display: flex;
```

```
height: 100vh;
background: linear-gradient(135deg, #f8f9fa, #e0e0e0);
}
.sidebar {
width: 250px;
height: 100%;
position: fixed;
background: linear-gradient(135deg, #343a40, #212529);
padding-top: 20px;
padding-left: 15px;
box-shadow: 2px 0 5px rgba(0, 0, 0, 0.1);
}
.sidebar .nav-link {
color: #fff;
margin-bottom: 10px;
transition: background-color 0.3s;
}
.sidebar .nav-link:hover {
background-color: #495057;
border-radius: 5px;
}
.content {
margin-left: 250px;
padding: 20px;
width: calc(100% - 250px);
overflow-y: auto;
}
.card {
margin-bottom: 20px;
border-radius: 10px;
box-shadow: 0 4px 8px rgba(0,0,0,0.1);
transition: transform 0.3s, box-shadow 0.3s;
}
.card:hover {
transform: translateY(-5px);
box-shadow: 0 8px 16px rgba(0,0,0,0.2);
}
.priority-high {
background: linear-gradient(135deg, #ffdddd, #ffcccc);
}
```

```

.priority-medium {
  background: linear-gradient(135deg, #fff0b3, #ffeb99);
}
.priority-low {
  background: linear-gradient(135deg, #d4edda, #c3e6cb);
}
.task-row:hover {
  background-color: #f1f1f1;
}
.btn-group .btn {
  margin-right: 5px;
}
</style>
</head>
<body>

<nav class="sidebar">
  <ul class="nav flex-column">
    <li class="nav-item">
      <a class="nav-link active" href="#user-info">User Info</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#task-list">Tasks</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#date-time">Date/Time</a>
    </li>
  </ul>
</nav>
<div class="content">
  <div id="user-info" class="mt-4 card p-4">
    <h2>User Information</h2>
    <form id="user-form">
      <div class="form-group">
        <label for="name">Name</label>
        <input type="text" class="form-control" id="name" placeholder="Enter name"
required>
      </div>
      <div class="form-group">
        <label for="city">City</label>

```

```
        <input type="text" class="form-control" id="city" placeholder="Enter city"
required>
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
</form>
</div>
```

```
<div id="task-list" class="mt-4 card p-4">
    <h2>Task List</h2>
    <div class="form-group">
        <input type="text" class="form-control" id="task-name" placeholder="Enter
task name">
    </div>
    <div class="btn-group mb-3" role="group" aria-label="Priority buttons">
        <button class="btn btn-secondary" onclick="addTask('P1')">P1</button>
        <button class="btn btn-secondary" onclick="addTask('P2')">P2</button>
        <button class="btn btn-secondary" onclick="addTask('P3')">P3</button>
        <button class="btn btn-secondary" onclick="addTask('P4')">P4</button>
    </div>
    <table class="table table-hover mt-3">
        <thead>
            <tr>
                <th>Task</th>
                <th>Priority</th>
            </tr>
        </thead>
        <tbody id="tasks">
            <!-- Task rows will be inserted here -->
        </tbody>
    </table>
</div>
```

```
<div id="date-time" class="mt-4 card p-4">
    <h2>Date and Time</h2>
    <p id="current-date-time" class="font-weight-bold"></p>
</div>
</div>
```

```
<!-- Bootstrap Modal -->
```

```

<div class="modal fade" id="confirmationModal" tabindex="-1" aria-
labelledby="confirmationModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="confirmationModalLabel">Form Submission</h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body">
        Are you sure you want to submit the form?
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-
dismiss="modal">Cancel</button>
        <button type="button" class="btn btn-primary"
id="confirmSubmit">Submit</button>
      </div>
    </div>
  </div>
</div>

```

```

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.2/dist/umd/popper.min.js"
></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></
script>
<script>
document.addEventListener('DOMContentLoaded', function() {
  function updateDateTime() {
    const now = new Date();
    document.getElementById('current-date-time').textContent =
now.toLocaleString();
  }
  setInterval(updateDateTime, 1000);
  updateDateTime();

```

```
document.getElementById('user-form').addEventListener('submit',
function(event) {
    event.preventDefault();
    $('#confirmationModal').modal('show');
});
```

```
document.getElementById('confirmSubmit').addEventListener('click', function() {
    const name = document.getElementById('name').value;
    const city = document.getElementById('city').value;
    $('#confirmationModal').modal('hide');
    alert(`Name: ${name}\nCity: ${city}`);
});
```

```
const tasks = [
    { task: 'Task 1', priority: 'P1' },
    { task: 'Task 2', priority: 'P2' },
    { task: 'Task 3', priority: 'P3' },
    { task: 'Task 4', priority: 'P4' }
];
```

```
function renderTasks(priorityFilter) {
    const taskList = document.getElementById('tasks');
    taskList.innerHTML = "";
    tasks.forEach(task => {
        if (priorityFilter && task.priority !== priorityFilter) return;
        const row = document.createElement('tr');
        const taskCell = document.createElement('td');
        const priorityCell = document.createElement('td');
        taskCell.textContent = task.task;
        priorityCell.textContent = task.priority;
        row.appendChild(taskCell);
        row.appendChild(priorityCell);
        row.classList.add('task-row');
        if (task.priority === 'P1') {
            row.classList.add('priority-high');
        } else if (task.priority === 'P2' || task.priority === 'P3') {
            row.classList.add('priority-medium');
        } else {
            row.classList.add('priority-low');
        }
    })
}
```

```

        taskList.appendChild(row);
    });
}
renderTasks();
window.addTask = function(priority) {
    const taskName = document.getElementById('task-name').value;
    if (taskName.trim() === "") {
        alert('Please enter a task name');
        return;
    }
    tasks.push({ task: taskName, priority: priority });
    renderTasks();
    document.getElementById('task-name').value = "";
}

window.setPriority = function(priority) {
    renderTasks(priority);
}
});
</script>
</body>
</html>

```

## OUTPUT :

User Info

Tasks

Date/Time

User Information

Name

City

Submit

Task List

P1

P2

P3

P4

Task	Priority
Task 1	P1
Task 2	P2
Task 3	P3
Task 4	P4

Date and Time

8/6/2024, 5:04:43 PM





