User and Task List /Order List/ * List

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`

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>User and Task Management</title>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <style>

        body {

            font-family: 'Arial', sans-serif;

            background-color: #f8f9fa;

        }

        .sidebar {

            height: 100vh;

            background-color: #343a40;

            color: white;
```

```css
}

.sidebar h4 {

    padding: 10px;

}

.sidebar-sticky {

    position: sticky;

    top: 0;

}

.content {

    padding: 20px;

}

.task-row:hover {

    background-color: #f1f1f1;

}

.high-priority {

    background-color: #f8d7da;

}

.medium-priority {
```

```css
    background-color: #fff3cd;

}

.low-priority {

    background-color: #d4edda;

}

.task-row td {

    vertical-align: middle;

}

.btn-custom {

    background-color: #ffb3b3;

    color: white;

}

.btn-custom:hover {

    background-color: #ff6666;

}

.card-header {

    background-color: #007bff;

    color: white;
```

```html
        }

    </style>

</head>

<body>

    <div class="container-fluid">

        <div class="row">

            <nav class="col-md-3 col-lg-2 d-md-block sidebar">

                <div class="sidebar-sticky">

                    <h4 class="text-center">User Info</h4>

                    <form id="user-form" class="p-3">

                        <div class="form-group">

                            <label for="name">Name:</label>

                            <input type="text" class="form-control" id="name" required>

                        </div>

                        <div class="form-group">

                            <label for="city">City:</label>

                            <input type="text" class="form-control" id="city" required>

                        </div>
```

```html
      <button type="submit" class="btn btn-primary btn-block">Submit</button>

    </form>

    <div id="user-info" class="p-3 text-center"></div>

  </div>

</nav>

<main role="main" class="col-md-9 ml-sm-auto col-lg-10 content">

  <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center pt-3 pb-2 mb-3 border-bottom">

    <h4>Task List</h4>

    <div id="datetime" class="text-right"></div>

  </div>

  <div class="card mb-4">

    <div class="card-header">

      Add Task

    </div>

    <div class="card-body">

      <div class="form-group">

        <label for="task">Task Description:</label>
```

```html
            <input type="text" class="form-control" id="task" required>

        </div>

        <div class="form-group">

            <label for="priority">Priority:</label>

            <select class="form-control" id="priority">

                <option value="P1">P1 - High</option>

                <option value="P2">P2 - Medium</option>

                <option value="P3">P3 - Medium</option>

                <option value="P4">P4 - Low</option>

            </select>

        </div>

        <button class="btn btn-custom" onclick="addTask()">Add Task</button>

    </div>

</div>

<div class="card">

    <div class="card-header">

        Current Tasks

    </div>
```

```html
                <div class="card-body p-0">

                    <table class="table table-hover mb-0">

                        <thead class="thead-light">

                            <tr>

                                <th>Task</th>

                                <th>Priority</th>

                            </tr>

                        </thead>

                        <tbody id="task-list">

                        </tbody>

                    </table>

                </div>

            </div>

        </main>

    </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@2.5.4/dist/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script>

    document.getElementById('user-form').addEventListener('submit', function(event) {

        event.preventDefault();

        const name = document.getElementById('name').value;

        const city = document.getElementById('city').value;

        document.getElementById('user-info').innerHTML = `<p><strong>Name:</strong> ${name}</p><p><strong>City:</strong> ${city}</p>`;

    });


    function addTask() {

        const taskDescription = document.getElementById('task').value;

        const priority = document.getElementById('priority').value;

        const taskList = document.getElementById('task-list');


        if (!taskDescription) {

            alert('Please enter a task description.');
```

```javascript
    return;

}


let priorityClass = '';

let priorityText = '';

switch (priority) {

    case 'P1':

        priorityClass = 'high-priority';

        priorityText = 'High';

        break;

    case 'P2':

    case 'P3':

        priorityClass = 'medium-priority';

        priorityText = 'Medium';

        break;

    case 'P4':

        priorityClass = 'low-priority';

        priorityText = 'Low';
```

```
                    break;

          }

          const row = document.createElement('tr');

          row.className = `task-row ${priorityClass}`;

          row.innerHTML = `<td>${taskDescription}</td><td>${priorityText}</td>`;

          taskList.appendChild(row);



          document.getElementById('task').value = '';

       }



       function updateDateTime() {

          const now = new Date();

          document.getElementById('datetime').innerHTML = now.toLocaleString();

       }

       setInterval(updateDateTime, 1000);

       updateDateTime();

   </script>

</body>
```

</html>

OUTPUT:

User Info

Name:

Swathi

City:

Thanjavur

Submit

Name: Swathi

City: Thanjavur

Add Task

Task Description:

Priority:

P3 - Medium

Add Task

Current Tasks

Task	Priority
Daily task	High
Weekly task	Low
Project	Medium
Phase_2	Medium