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**Web page creation - User and Task List /Order List/ * List**

**Code Part :**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Responsive Layout with Sidebar</title>
    <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
    <style>
        body {
            font-size: .875rem;
        }

        main {
            padding-top: 20px;
        }

        .sidebar-sticky {
            position: -webkit-sticky;
            position: sticky;
            top: 0;
            height: calc(100vh - 48px);
            padding-top: .5rem;
            overflow-x: hidden;
            overflow-y: auto;
        }
```

```css
.nav-link {
    color: white;
}

@media (max-width: 767.98px) {
    #sidebar {
        position: relative;
        z-index: 999;
        height: 100%;
    }
}

.high-priority {
    background-color: #ffbebe;
}

.medium-priority-1 {
    background-color: rgb(167, 167, 255);
}

.medium-priority-2 {
    background-color: rgb(170, 170, 170);
}

.low-priority {
    background-color: #beffcc;
}

.high-priority:hover {
    background-color: #ffb0b0;
}

.medium-priority-1:hover {
    background-color: rgb(155, 155, 255);
}
```

```css
.medium-priority-2:hover {
    background-color: rgb(143, 143, 143);
}

.low-priority:hover {
    background-color: #acfcbd;
}

#date-time {
    font-size: large;
    background-color: rgb(240 240 240);
    border-radius: 10px;
    padding : 20px;
    text-align: center;
    margin-top: 25px;
}

#user-display{
    background-color: rgb(240 240 240);
    border-radius: 10px;
    padding : 20px;
}

#task-list{
    background-color: rgb(240 240 240);
    border-radius: 10px;
    padding : 20px;
}

.section {
    margin-bottom: 30px;
}

.table-bordered-black {
    border: 2px solid black;
}
```

```css
    .table-bordered-black th,
    .table-bordered-black td,
    .table-bordered-black tr {
        border: 1px solid black;
    }

    </style>
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <nav id="sidebar" class="col-md-3 col-lg-2 d-md-block bg-primary sidebar collapse">
                <div class="sidebar-sticky">
                    <ul class="nav flex-column">
                        <li class="nav-item">
                            <a class="nav-link" href="#date-time">
                                Date Time Display
                            </a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#user-display">
                                User Display Information
                            </a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" href="#task-list">
                                Task List Display
                            </a>
                        </li>
                    </ul>
                </div>
            </nav>

            <div class="col-md-9 ml-sm-auto col-lg-10 px-md-4">
```

```html
<div class="section" id="date-time">
    <h2>Date and Time</h2>
    <p id="date-time-display"></p>
</div>

<div class="section" id="user-display">
    <h2>User Display Information</h2>
    <form id="userForm" onsubmit="return validateForm()">
        <div >
            <label for="userName">Name</label>
            <input type="text" class="form-control" id="userName" required>
        </div>
        <div class="form-group">
            <label for="userCity">City</label>
            <input type="text" class="form-control" id="userCity" required>
        </div>
        <button type="submit" class="btn btn-primary">Submit</button>
    </form>
</div>

<div class="section" id="task-list">
    <h2>Task List</h2>
    <form id="taskForm" onsubmit="return addTask()">
        <div class="form-group">
            <label for="taskDescription">Enter your task</label>
            <input type="text" class="form-control" id="taskDescription"
value="Default" required>
        </div>
        <div class="form-group priority-btn-group">
            <label>Set Priority</label><br>
            <button type="button" class="btn btn-outline-danger priority-btn"
data-priority="1">P1 - High</button>
            <button type="button" class="btn btn-outline-primary priority-btn"
data-priority="2">P2 - Medium</button>
            <button type="button" class="btn btn-outline-secondary priority-btn"
data-priority="3">P3 - Medium</button>
```

```html
            <button type="button" class="btn btn-outline-success priority-btn" data-priority="4">P4 - Low</button>
        </div>
        <input type="hidden" id="taskPriority" required>
        <button type="submit" class="btn btn-primary">Add Task</button>
      </form>
      <table class="table mt-3 table-bordered-black">
        <thead>
          <tr>
            <th scope="col">S.No</th>
            <th scope="col">Task</th>
            <th scope="col">Priority</th>
          </tr>
        </thead>
        <tbody id="taskTableBody">
        </tbody>
      </table>
    </div>
   </div>
  </div>
 </div>


 <script>
    document.addEventListener('DOMContentLoaded', (event) => {
      const intervlID = setInterval(() => {
        document.getElementById('date-time-display').innerHTML = new Date().toLocaleString();
      }, 1000);

      const priorityButtons = document.querySelectorAll('.priority-btn');
      priorityButtons.forEach(button => {
        button.addEventListener('click', () => {
          priorityButtons.forEach(btn => btn.classList.remove('btn-primary'));
          button.classList.add('btn-primary');
          document.getElementById('taskPriority').value = button.dataset.priority;
        });
```

```javascript
    });
});

let taskCount = 0;

function validateForm() {
    const userName = document.getElementById('userName').value;
    const userCity = document.getElementById('userCity').value;
    confirm(`You've entered Name = ${userName} and City = ${userCity}!`);
    return true;
}

function addTask() {
    const taskDescription = document.getElementById('taskDescription').value;
    const taskPriority = document.getElementById('taskPriority').value;

    if (!taskDescription || !taskPriority) {
        alert('You have to set priority');
        return false;
    }

    taskCount++;
    const taskTableBody = document.getElementById('taskTableBody');
    const newRow = document.createElement('tr');
    let priorityClass = '';
    let priorityText = '';

    switch (taskPriority) {
        case '1':
            priorityClass = 'high-priority';
            priorityText = 'High';
            break;
        case '2':
            priorityClass = 'medium-priority-1';
            priorityText = 'Medium ';
            break;
```

```
                case '3':
                    priorityClass = 'medium-priority-2';
                    priorityText = 'Medium';
                    break;
                case '4':
                    priorityClass = 'low-priority';
                    priorityText = 'Low';
                    break;
            }

            newRow.classList.add(priorityClass);
            newRow.innerHTML = `
                <th scope="row">${taskCount}</th>
                <td>${taskDescription}</td>
                <td>${priorityText}</td>
            `;

            taskTableBody.appendChild(newRow);
            document.getElementById('taskForm').reset();
            document.querySelectorAll('.priority-btn').forEach(btn =>
btn.classList.remove('btn-primary'));
            return false;
        }
    </script>
</body>
</html>
```

**Result :**