

Task Scheduler

Index:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <link rel="stylesheet" href="styles.css">

  <title>Task Scheduler</title>

</head>

<body>

  <header>

    <h1>Task Scheduler</h1>

  </header>

  <main>

    <div class="task-form">

      <input type="text" id="task" placeholder="Enter task...">

      <select id="priority">

        <option value="top">Top Priority</option>

        <option value="middle">Middle Priority</option>

        <option value="low">Less Priority</option>

      </select>

      <input type="date" id="deadline">

      <button id="add-task">Add Task</button>

    </div>

    <div class="task-list" id="task-list">

      <!-- Tasks will be added here dynamically -->

    </div>

  </main>

</body>

</html>
```

```
</div>

<script src="script.js"></script>

</main>

</body>

</html>
```

Styles.css

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}

header {
  background-color: #007bff;
  color: white;
  text-align: center;
  padding: 1rem 0;
}

main {
  max-width: 800px;
  margin: 0 auto;
  padding: 2rem;
}

.task-form {
  display: flex;
  gap: 10px;
  margin-bottom: 20px;
}
```

```
.task-list {  
    border: 1px solid #ddd;  
    padding: 10px;  
}  
  
.task {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    margin-bottom: 10px;  
    padding: 5px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
}  
  
.task button {  
    background-color: #28a745;  
    color: white;  
    border: none;  
    border-radius: 3px;  
    cursor: pointer;  
}
```

Script.js

```
const taskInput = document.getElementById("task");  
const priorityInput = document.getElementById("priority");  
const deadlineInput = document.getElementById("deadline");  
const addTaskButton = document.getElementById("add-task");  
const taskList = document.getElementById("task-list");
```

```

addTaskButton.addEventListener("click", () => {
    const task = taskInput.value;
    const priority = priorityInput.value;
    const deadline = deadlineInput.value;
    if (task.trim() === "" || deadline === "") {
        alert("Please select an upcoming date for the deadline.")
        return; // Don't add task if task or deadline is empty
    }
    const selectedDate = new Date(deadline);
    const currentDate = new Date();
    if (selectedDate <= currentDate) {
        alert("Please select an upcoming date for the deadline.");
        return; // Don't add task if deadline is not in the future
    }
    const taskItem = document.createElement("div");
    taskItem.classList.add("task");
    taskItem.innerHTML = `
    <p>${task}</p>
    <p>Priority: ${priority}</p>
    <p>Deadline: ${deadline}</p>
    <button class="mark-done">Mark Done</button>
    taskList.appendChild(taskItem);
    taskInput.value = "";
    priorityInput.value = "top";
    deadlineInput.value = "";
});

```

```
taskList.addEventListener("click", (event) => {  
    if (event.target.classList.contains("mark-done")) {  
        const taskItem = event.target.parentElement;  
        taskItem.style.backgroundColor = "#f2f2f2";  
        event.target.disabled = true;  
    }  
});
```

Output:

Task Scheduler

dinner	Priority: middle	Deadline: 2023-10-12	<input type="button" value="Mark Done"/>
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