

FILE STRUCTURE OVERVIEW

todo-app/

- |— index.html ← The structure (HTML layout)
- |— style.css ← The design (CSS styling)
- |— script.js ← The behavior (JavaScript functionality)

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width,
initial-scale=1.0"/>
  <title>To-Do List App</title>
  <link rel="stylesheet" href="style.css" />
</head>
<body>
  <div class="container">
    <h1>My To-Do List</h1>
    <div class="input-section">
      <input type="text" id="taskInput" placeholder="Enter a new task"
/>
      <button id="addTaskBtn">Add</button>
    </div>
    <ul id="taskList"></ul>
  </div>

  <script src="script.js"></script>
</body>
</html>
```

style.css* {

```
margin: 0;
padding: 0;
box-sizing: border-box;
}
```

body {

```
background-color: #f7f7f7;
font-family: Arial, sans-serif;
```

```
    display: flex;
    justify-content: center;
    align-items: flex-start;
    padding: 40px;
}

.container {
    background: white;
    padding: 20px 30px;
    border-radius: 10px;
    box-shadow: 0 4px 10px rgba(0,0,0,0.1);
    width: 100%;
    max-width: 400px;
}

h1 {
    text-align: center;
    margin-bottom: 20px;
    color: #333;
}

.input-section {
    display: flex;
    gap: 10px;
    margin-bottom: 20px;
}

input[type="text"] {
    flex: 1;
    padding: 10px;
    border: 2px solid #ccc;
    border-radius: 5px;
}

button {
    padding: 10px 15px;
    background-color: #28a745;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```

```
button:hover {
  background-color: #218838;
}

ul#taskList {
  list-style: none;
}

li {
  display: flex;
  justify-content: space-between;
  padding: 10px 12px;
  border-bottom: 1px solid #ddd;
  align-items: center;
}

li.completed span {
  text-decoration: line-through;
  color: #888;
}

.remove-btn {
  background-color: #dc3545;
  color: white;
  border: none;
  padding: 6px 10px;
  border-radius: 5px;
  cursor: pointer;
}

.remove-btn:hover {
  background-color: #c82333;
}
```

script.js

```
const addTaskBtn = document.getElementById("addTaskBtn");
const taskInput = document.getElementById("taskInput");
const taskList = document.getElementById("taskList");

addTaskBtn.addEventListener("click", addTask);
taskInput.addEventListener("keypress", function (e) {
```

```
    if (e.key === "Enter") addTask();
  });

function addTask() {
  const taskText = taskInput.value.trim();

  if (taskText === "") {
    alert("Please enter a task!");
    return;
  }

  const li = document.createElement("li");

  const span = document.createElement("span");
  span.textContent = taskText;
  span.addEventListener("click", () => {
    li.classList.toggle("completed");
  });

  const removeBtn = document.createElement("button");
  removeBtn.textContent = "Remove";
  removeBtn.className = "remove-btn";
  removeBtn.addEventListener("click", () => {
    taskList.removeChild(li);
  });

  li.appendChild(span);
  li.appendChild(removeBtn);
  taskList.appendChild(li);

  taskInput.value = "";
}
```

screenshot

