TO-DO LIST

Project Overview

The To-Do List project is a web application that allows users to manage their daily tasks effectively. The app enables users to add new tasks, mark tasks as completed, delete tasks, and filter tasks based on their status (all, active, or completed). The application is built using HTML, CSS, and JavaScript, and it stores tasks in the browser's local storage to persist data across sessions.

Objectives

- Create a user-friendly interface for managing tasks.
- Implement functionalities to add, delete, and mark tasks as completed.
- Provide filtering options to view all tasks, active tasks, and completed tasks.
- Ensure tasks are saved in the local storage so they persist across browser sessions.

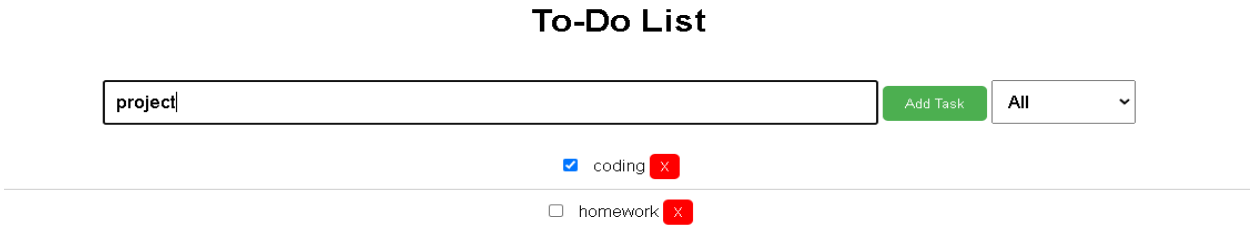
Tools and Technologies

- **HTML**: Used for structuring the web page.
- **CSS**: Used for styling the web page and ensuring it is visually appealing.
- **JavaScript**: Used for adding interactivity and dynamic behavior to the application.
- **Local Storage**: Used for persisting tasks across browser sessions.

Features

- **Add New Task**: Users can add a new task by entering the task name in the input field and clicking the "Add Task" button.
- **Mark Task as Completed**: Users can mark a task as completed by clicking the checkbox next to the task name.
- **Delete Task**: Users can delete a task by clicking the "X" button next to the task name.
- **Filter Tasks**: Users can filter tasks to view all tasks, only active tasks, or only completed tasks.
- **Persist Data**: The application uses local storage to save tasks, ensuring they persist even after the browser is closed and reopened.

Implementation



Testing

The application was tested on different devices and browsers to ensure compatibility and responsiveness. The functionality of adding, deleting, and filtering tasks was thoroughly tested to ensure it works as expected.

Conclusion

The To-Do List project successfully provides a simple yet effective way for users to manage their daily tasks. The project demonstrates the use of HTML, CSS, and JavaScript to create a dynamic and responsive web application. Future improvements could include adding features like task editing, due dates, and notifications.