To-Do List Project Report

1. Introduction

The To-Do List project is a simple web-based application that allows users to manage their tasks effectively. It provides an interface for adding, editing, marking as complete, and deleting tasks. This project demonstrates the use of fundamental web technologies to create a dynamic and interactive user experience.

2. Objective

The main objective of this project is to help users keep track of their tasks and improve productivity. The To-Do List application aims to offer an easy-to-use interface for managing daily tasks and organizing one's schedule.

3. Features

- Add new tasks to the list.

- Edit existing tasks to update their descriptions.

- Mark tasks as completed to track progress.

- Delete tasks that are no longer needed.

4. Technologies Used

- HTML: Used for the structure and layout of the application.

- CSS: Applied for styling the interface.

- JavaScript: Implements the functionality for task management and dynamic interactions.

5. How to Use

1. Open the application in a web browser.

2. Use the input field to add a new task by typing the task description and clicking the 'Add' button.

3. To edit a task, click the 'Edit' button next to the task and update the text.

4. Mark tasks as completed by clicking the checkbox.

5. Remove tasks using the 'Delete' button.

6. File Structure

The project directory is structured as follows:

todo-list/

|

|-- index.html   # Main HTML file for the application

|-- style.css   # Stylesheet for styling the user interface

|-- script.js   # JavaScript file for task management functionality

7. Conclusion

The To-Do List project is a practical demonstration of using web technologies to develop a functional application for everyday use. It showcases the implementation of essential features like task management, state handling, and user interaction, providing a valuable learning experience.