Task Tracker Web Application Development Report

Objective:

The objective of this project is to develop a simple and user-friendly task tracker web application using HTML, CSS, and JavaScript for the front end, and local storage for data storage. The application will enable users to add, update, and dele tasks, providing a straightforward tool for managing personal or work-related tasks.

1. Project Overview:

1.1. Application Features:

Task List: Display a list of tasks with relevant details.

Add Task: Allow users to add new tasks, including a title, description, and due date.

Update Task: Enable users to edit existing tasks, modifying details such as the task title, description, and due date.

Delete Task: Provide functionality to delete tasks from the task list.

2. Technologies Used:

HTML: Used for structuring the web page and defining the layout.

CSS: Applied for styling elements and ensuring a visually appealing and intuitive user interface.

JavaScript: Implemented for adding interactivity, managing the task list, and handling user input.

Local Storage: Utilized for storing task data locally on the user's browser.

3. Development Process:

3.1. HTML Structure:

Created HTML templates for the task list, task details, and task input forms.

Ensured a clean and responsive design to accommodate different screen sizes.

3.2. CSS Styling:

Styled the application to provide a visually appealing and user-friendly interface.

Implemented responsive design elements to enhance the user experience on various devices.

3.3. JavaScript Functionality:

Developed functions to manage the task list, including adding, updating, and deleting tasks.

Implemented event handlers to capture user input and trigger relevant actions.

Utilized local storage for persisting task data between page reloads.

4.Testing

Conducted extensive testing to ensure the application functions correctly across different browsers and devices.

Checked for user interface responsiveness and addressed any issues related to layout and styling.

Tested data persistence through local storage to guarantee that tasks are saved and retrieved accurately.

5. Deployment:

Deployed the task tracker web application on a web server for public or private use.

6. Future Enhancements:

Consider implementing user authentication for personalized task management.

Enhance the application with additional features such as task prioritization or categorization.

7. Conclusion:

The development of the task tracker web application achieved its goal of providing a simple and effective tool for managi
tasks. The use of HTML, CSS, and JavaScript ensured a smooth and interactive user experience, while local storage provid

convenient solution for storing task data locally.

This application serves as a practical and accessible task management solution for users looking for a lightweight tool to organize their daily activities. Future enhancements may further improve its functionality and user engagement based on user feedback and evolving requirements.

8.Output Result :