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Task Title: Create a ToDo List Web Application

Task Description: Create a ToDo list web application using HTML, CSS, and JavaScript. The application should allow users to add, edit, and delete tasks, as well as mark them as complete.

Steps Taken:

Designed the basic structure of the HTML file, including sections for greeting, creating a new ToDo, and displaying the ToDo list.

Styled the application using CSS to make it visually appealing and user-friendly.

Implemented functionality in JavaScript to handle user interactions, such as adding, editing, and deleting tasks, as well as marking tasks as complete.

Utilized localStorage to store ToDo items and maintain state between page reloads.

Tested the application across different browsers to ensure compatibility and functionality.

Challenges Faced:

Managing the state of ToDo items and syncing it with localStorage.

Implementing the edit functionality in a user-friendly manner.

Ensuring consistent styling and layout across different browsers and devices.

Solutions Implemented:

Utilized JavaScript arrays and localStorage to manage the state of ToDo items and synchronize them with the browser's storage.

Implemented an edit button for each ToDo item, allowing users to easily modify existing tasks.

Used modern CSS features and techniques to create a responsive and visually appealing layout, with fallbacks for older browsers.

Learnings:

Enhanced understanding of localStorage and its application in web development for state management.

Improved skills in DOM manipulation and event handling with JavaScript.

Learned techniques for creating responsive and visually appealing user interfaces using CSS.

Project Update:

The ToDo list web application has been successfully developed and tested. Users can add, edit, and delete tasks, as well as mark them as complete. The application features a clean and intuitive user interface, with responsive design elements for a seamless user experience. The project meets the requirements and is ready for deployment.