

I have implemented two features in the Multimedia Web App: search functionality and folder creation.

The search functionality allows users to search for files based on their names. Users can enter a search query in the provided input field, and the file list updates in real-time to display only the files that match the search query. The search is case-insensitive, meaning it matches files regardless of the case of the search query.

The folder creation feature enables users to create new folders within the file manager. By clicking the "Create New Folder" button, a prompt appears where users can enter a name for the new folder. Upon clicking the "Create" button, a new folder is added to the file manager's file list. This helps users organize their files more efficiently.

I chose these two features as they enhance the overall functionality and usability of the Multimedia Web App. The search functionality enables users to quickly locate specific files amidst a potentially large file collection. The folder creation feature allows users to create a hierarchical structure and categorize their files, enabling better organization and easy access.

In terms of code, I modified the existing code to include the search functionality and folder creation feature. The search functionality involved filtering the file list based on the search query and updating the state to reflect the search results. For folder creation, I added state variables to track the new folder name and the prompt's visibility. When the user creates a folder, a new folder object is generated with a unique ID, and it is appended to the file list.