

React Notes Application

Notes

Toggle Mode

Q type to search

Hello, Hope you are good?

8/2/2024

Edit



Hey, There

8/2/2024

Edit



My name is Mary

8/2/2024

Edit



type to add a note...

200 Remaining

Save

Overview

This slide presents a React-based notes application featuring robust functionality for note management and customization.

Key Features

Save Button

- **Function:** Save new or updated notes.
- **Details:** Captures note content and stores it with a unique identifier.

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Q type to search

Nigeria is|

190 Remaining

Save

To add a note the user types into the text area of the Add note component which has a character limit of 200, then clicks the save button to save that particular note. The SetNote state renders New note added to the page.

Search Bar

- **Function:** Search and filter through notes.
- **Details:** Users can type keywords to find specific notes.

Notes

Toggle Mode

Q M

My name is Mary

8/2/2024

Edit



type to add a note...

200 Remaining

Save

Cancel Button

- **Function:** Abort the editing process.
- **Details:** Discards changes and reverts to the previous state if editing is canceled.

Edit Button

- **Function:** Modify existing notes.
- **Details:** Allows users to update a note's content based on its ID.


On a saved note, the cancel and save buttons become visible when the user clicks on the edit button, to make changes to a previously saved note . Illustrated in the diagram on the next page.

Notes


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Q type to search


Hello, Hope you are good? I am going |

8/2/2024 Cancel Save 

Hey, There

8/2/2024 Edit 

My name is Mary

8/2/2024 Edit 

type to add a note...

200 Remaining Save

Delete Button

Function: Remove specific notes.

Details: Deletes a note using its unique ID.

Notes

Toggle Mode

Q type to search

Nigeria is

8/2/2024

Edit



Added a New note

8/2/2024

Edit



type to add a note...

200 Remaining

Save

To delete a note, the user clicks on the delete bin icon on a particular note. The note with that ID is filtered out of the notes array and the SetNotes state is rendered without that particular note in the notes array.

Toggle Button

- **Function:** Switch between light and dark modes.
- **Details:** Provides a visually customizable experience for users.



To toggle between light and dark mode, the user clicks on button to switch from light to dark mode. Using the state hook, darkMode variable is set to false and clicking on the toggle button the SetDarkMode returns the opposite of the darkMode variable which is true, giving it the dark background colour.

Technologies Used

React: For building the interactive user interface.

JavaScript: Handles app logic, including note management and theme toggling.

CSS/Styled-Components: Manages styling and themes.