

Problem Statement

Develop a Notes app, where you can create and edit notes. The notes can be organized in folders and it will be automatically saved.

Requirements

- Use Backend of your choice and implement the following
 - Create a new note (text content only)
 - Create folder
 - Update a note
- Develop following APIs
 - Return folder tree structure for a given user
 - Return the list of notes in a given folder along with metadata like size, created at & modified at
- Develop a Frontend using ReactJs (preferred, you can choose any other frameworks)
 - List the notes uploaded by the user
 - Implement “New Folder” option
 - Move notes from one folder to another
 - Delete notes
 - Support multiple user edit and conflict resolution **OPTIONAL**
 - Recycle Bin (recover deleted notes) **OPTIONAL**

Non functional Requirements

- The code should be committed to a public repository
- Include a readme to setup the App
- Add unit tests
- Use ES6 wherever possible
- UI should be decent
- No boilerplates allowed (you can use Create React app boilerplate)

UI Design

Reference from iOS notes app, feel free to create your own design

