Specified Requirements

A. Functional Requirements -

Text Editing -

1. Can create new text documents.
2. Can open existing text files for editing.
3. Can edit the text using keyboard input.
4. Features such as insert, delete, copy, cut, and paste are supported

Text Formatting Features -

1. Basic formatting features such as making text Bold, Italic & Underline
2. Changing font and its size & color

File Operations -

1. Users can save the current text document to a specified file.
2. Users can open existing text files for editing.
3. Users can create a new blank document.
4. Users can load previously saved documents

B. Non-Functional Requirements -

- The non functional requirements of this software might be the auto-save feature, authorization/authentication, file exporting, version control, real-time collaboration feature, software optimization, software theme changes etc.

- These requirements are optional and are to be implemented when the basic prototype is working fine.

Tech-stacks suggestions

- Most of our team members are comfortable with MERN stack for web-based applications. So, expectedly we will be choosing that for implementation. But to make our implementation easier or maybe due to demand of the software we may shift to python based application. For frontend of the application, ReactJS may be chosen but again this is subjective to change.