**UE20CS302**

**SOFTWARE ENGINEERING**

PROJECT ABSTRACT

**Simple Text Editor**

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Text editor is a simple application. It helps users to open any text file, write, edit and format texts and save it in a file. We are making this editor using python and it’s libraries like Tkinter. Tkinter is a standard python interface to the Tk GUI toolkit.

A text editor makes it easier to type texts, specially ones in different program languages, so many special features are included like autocompletion for parenthesis, brackets (square and curly), single quotes, and double quotes; auto indentation for code blocks and brackets (when creating lists or creating functions); syntax highlighting for different languages (Python, C, C++, JavaScript, Java, HTML, Sql, CSS) and the ability to compile and run your code from the editor.

To make it attractive and easier to read, different themes and color schemes that the user can pick from will be added along with customization options like font, text color, line height, etc.