**Terminal based text editor**

**using ncurses**

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**Introduction**

Hello there. This is a user manual for a terminal based text editor created by our group TermEdit using ncurses. This manual provides a better and simpler understanding of the project that you might want to look at before you start looking at the code itself.

User/s are able to open files, view and navigate through the file, make changes to the file contents and save them, load large files and be able to scroll up and down a document.

**Ncurses**

Curses is a short name for "cursor optimization", kind of like a pun. The Curses library provides highly flexible and efficient API (Application Programming Interface). It provides functions to move the cursor, create windows, produce colors, play with mouse etc, that the basics of our text editor project here.

And we have “ncurses”(that means new curses) which is a freely distributable library of functions that manages an application's display on character-cell terminals. It allows the programmer to write text-based user interfaces in a terminal-independent manner, which made it a lot easier for us because we already had the base to get started with.

**EXPLANATION**

Basically, since this is a text editor, you can do a lot of things with a file here. You can open a plain text file and view it. The program asks you for the file name you want to open and you just have to type in the file name on the keyboard. You will be able to navigate through the file as well. For this, the up, down, left and right keys on the keyboard can be effectively used. Furthermore, you can write on the file to make changes and save those changes. You can write in the file and erase them using the backspace key, again on the keyboard. To save a file, you press the F5 key. After a file name is entered, you need to press “Enter” key to confirm the action. You can load large files and scroll up and down a document. Pressing the “F6” key prompts the user to load a file.

Hope you enjoy the product.