2022 | Title: Text Editor.

Team Details:

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Software Engineering

Aim/Objective:

A **text editor** is a type of computer programs that edits plain text or programming languages. We may include .ini files its a configuration file for computer software. We are using Graphical User Interface (such as PyQt4, tkinter) and some libraries(sys, os, configparser, multiprocessing, webbrowser, tempfile, traceback).

Features:
a) Find and Replace.
b) Cut, Copy and Paste.
c) Ability to handle UTF-8 encoded text.
d) Text Formatting.
e) Undo and redo.
f) line wrap.
g) comment formatting.
h) syntax highlighting.
i) Source Code Editor.

Technology used:

This project will be using the following technology stack.

a) Python

Model:

This project will be using the Agile Model because is an iterative approach to planning and guiding project processes that breaks them down into smaller cycles. It is a way to manage a project by breaking it up into several phases.

Current status of project development:

In this project we are planning to use python. We are decided to use config files(.ini files) to beautify our Text editor. At this stage we are planning and soon we will start with development efforts.

The team would be divided to work on each module. Each of the team members will play separate roles during the development of their modules. They would acts as leads, team members and QA person for different sections of the module.

Once they code their modules they will be responsible as a team in performing integration with other modules developed in parallel by other teams.

During this process they will be performing integration testing to make sure that all the modules get plugged in properly.

After the integration is performed successfully the complete team as a whole may be responsible for deploying the system on Heroku or netlify.
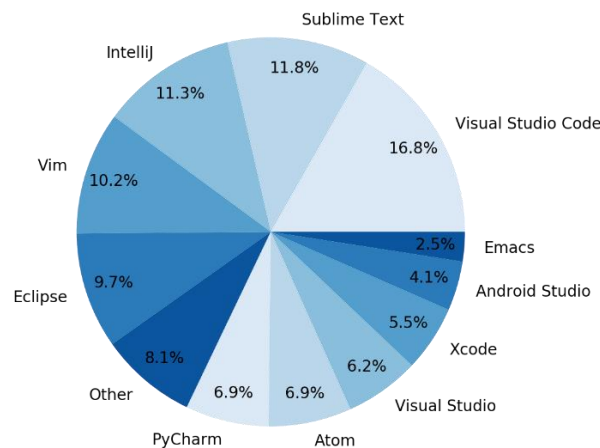
At each step of deployment a regression testing phase will be undertaken to make sure that the functionality is working properly.

Market Potential and expected popularity:

Text Editor plays a vital role in programming platform. Before normal Text Editor we had screen editor called as screen editor which is available on command line which was uncomfortable to write the code and execute. Text Editor market and global economic environment, we forecast that the global market size of Text Editor will reach (2030 Market size $$) million $ in 2030with a CAGR of % from 2022-2030.

According to our research on Text Editor market and global economic environment, we forecast that the global market size of Text Editor will reach (2026 Market size $$) million $ in 2026 with a CAGR of % from 2021-2026.Therefore the Text Editor may have significant role in future.

See some popular text editor that are used widely,

Team Details:

Total team strength: 4

Total number of modules or documentation: 4

SRN's:

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