A1 Postmortem

We have drastically changed our milestone from assignment 1 for multiple reasons:

1. We have a new team member
2. Our initial milestone was to finish all the basic operations (cursor movement, rendering text, etc.) and work on redo/undo on the third milestone. However, when we start working on the basic operations, we realized that we need to implement redo/undo for each operation we add. Integrate it after we finished all other features would be a nightmare. So we decided to start working on it alongside the basic features. Please see our updated milestone for more detail.

We have finished almost all the goals we listed on our updated milestones 1 and 2. However, there are some features we couldn't finish on time and will have to finish them in the next milestone (undo/redo for paste, find/replace). Overall, we added a lot more features than we originally planned and we believe we are comfortable to increase the scope of this project.

Features finished and group member's contribution

Basic text editor operations:
- Cursor movement
- Render and delete text
- Read and write
- Undo and redo class design

2. Basic text editor features:
- Save as
- Customized shortcut
- Command prompt
- Find
- Copy

Yujie was in charge of rendering, cursor movement and customized shortcuts.

Wenshuo was in charge of read and write, save as, and command prompt.

Lantao was in charge of implementing Undo and Redo, part of cursor movement and Find.

Kevin joined after milestone 1, he was in charge of copy and paste.

Features our group intend to implement

Our group has finished all of the basic features of the Text Editor. So we had a conversation with our industry partner. We presented all of our features and answered some of his concerns. He is happy with our current progress and suggests 2 more features for milestone 3.

We are going to implement recording, repeating, and jump to the matching parentheses.

- Recording and Repeating: This feature allows the user to record a series of keystrokes. For example, the user needs to type the sentence "I love CSC302" many times. Instead of typing it repeatedly, the user can record this series of keystrokes and store it inside a shortcut. Then when the user needs it for a second time, he can simply repeat this operation by holding the shortcut.

- Jump to next parentheses: This feature allows users to jump to the next matching parentheses. For example, given a series of parentheses: (()). By locating your cursor on the first bracket, the user can press a jump shortcut to reposition the cursor onto the next matching parentheses.

Progress toward our milestones

We are very satisfied with our current progress, we finished all of the proposed features for the first two milestones. The way we know we have achieved our milestone is to look at every single goal we listed in our milestones, and we verify that this feature has been implemented successfully by running a series of tests.