

Use Case Modeling

Program: Text Editor

Use case: Open a new text editor

1. Run the TextEditor.exe
2. You will be presented with a New Tab and a blank text box
3. There is a menu at the top such as File, Edit, etc. and a toolbar area for quicker access just under it
4. You may begin typing in the blank text box

Use case: Save a file

1. Click file on the top left
2. Click save, you will see a pop-up menu for you to select where you would like to save your file

Alternate Path:

1. You may use the toolbar, click the third icon from the left to save
2. You will also see a what each icon does when hovering over them

Alternate Path:

1. If you use the editor and close without saving, you will be prompted to save before the application terminates.

Use case: Open new File/Tab

1. Click file on the top left
2. Click New and a new blank tab will open

Alternate Path:

1. Click the + button next to current tab bar, under the toolbar

Alternate Path:

1. Click the first icon in the toolbar

Use case: Open Saved Files

1. Click file on the top left
2. Click Open and you can navigate your directory to desired file

Alternate Path:

1. Click the 2nd icon in the toolbar

3. The file will open in a new tab with the file's name in the tab
4. The file's location will also be displayed at the top of the window
 - a. This will change according to the current tab

****Note:** (Current saving setup) Saving .txt files will be saved as html, when opening .txt the text editor will render the html. This is to preserve rich text formatting.

Use case: Open Multiple Saved Files

1. When you are in the directory menu to select which file to open, if you want to select multiple files, hold ctrl while selecting your files then release ctrl and click open, files will open in separate tabs.

Use case: Print Files

1. Click file on the top left
2. Click print, you will see a preview of your file
3. You can then press the far right icon to print

Alternate Path:

1. You may use the toolbar, click the 6th icon from the left to print

Use case: Editing Code

[features (use cases better grouped together) mentioned in this section:

cut, copy, paste, undo, redo, zoom in, zoom out, find and replace]

1. While editing code you can use the cut feature by first highlighting a some text
2. Then click the edit button up top
3. Then the can click the cut button to cut the text

Alternate Path:

1. You can also use the 5th icon from left to do the same
4. User can also use the copy feature by clicking copy under the the same edit menu
5. You can also use the paste function by clicking paste under the same edit menu
6. A drop down menu will appear where you can select from the most recent past three cut or copies
7. While editing you can click undo in the same edit menu to undo the most recent action
8. You can press the redo button in edit menu to revert back the last undo action
9. To use the zoom functionality, you can find these under the view menu
10. The zoom standard button will reset back to default

Alternate Path:

1. Undo, Redo, Cut, Copy, Paste, Zoom In, Zoom Out, Zoom Standard can all be accessed by right clicking
11. While editing the you can access the find and replace feature under the edit menu
12. A drop down menu will appear
13. You can enter the word or text you would wish to locate in the current tab/file in the first search bar
14. You may also search by entering regex
15. All occurrences of the text will be highlighted
16. You can cycle through the locations in the file by using the arrow buttons
17. You can then use the replace bar to replace the text
18. Click the current button to replace the current selected text in blue or press the all button to replace every single occurrence on the text document, highlighted in blue as well.

Use case: Editing Text Files

[features (use cases better grouped together) mentioned in this section:

Font type, Font Family, Font Size, Text Alignment, Listing]

1. While editing you can choose text alignment options by first clicking the format button up top
2. Then under alignment you can pick from three options, left, center and right
3. While editing you can change the style of your text
4. Also in the format menu, under the Font style you can pick from bold, italic or underline
5. You can combine any combination of the three, the changes will reflect what you type next
6. You will also see icons in the toolbar highlighted for each feature used
7. They are checkable icons meaning it can be turned on or off to your liking
8. You can use this on text to select by highlighting them
9. To revert these changes you can select the areas you want to undo then uncheck the icon
10. While editing you can change your font size dynamically by using the second drop down box 2nd from the right in toolbar
11. You can also select an area of text to change its font size
12. To change the font family you can use the drop down box furthest to the right in toolbar
13. You can also change the font family of an area of selected text
14. While editing you can add a listing format by clicking the format menu
15. Then under insert you have to option to pick bullets or numbering listing
16. Icons in the toolbar will also be highlighted and used in toolbar

17. There will be an indent and the list will begin
18. Pressing enter will insert the next listing element
19. You can end the listing by unchecking the icon in toolbar, backspace, or undo

Use case: Split Window

1. While having multiple tabs/files open in editor you can use split the window to display multiple tabs at once up to three tabs
2. Select the tab bar you want to move
3. Right click and drag the tab to either the right or bottom of the window

Use case: Close Split Window

1. You can close split windows by clicking the small X in the top right corner of the newly created split window
2. On exit, if there are unsaved tabs you will be asked if you would like to save the tabs before fully closing the split window

Use case: Close Tab

1. You can click the X button inside the tab

Use case: Close Text Editor

1. To close the text editor, click the X on the top right corner
2. Alternatively clicking the file menu and the exit button will do the same

Unfinished

1. Help doesn't have anything yet (don't know what to put)