**NETD2202-Lab5 Documentation**

Jacky Yuan, 100520106 https://github.com/aphim/Lab5TextEditor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuNew | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| click |  | Creates a new blank text file for use. | - resets text field to blank state  -resets title to remove any file paths  -re-enables text field if disabled | - resets text field to blank state  -resets title to remove any file paths  -re-enables text field if disabled |
| click | (changes were made to the text file) | Creates a new blank text file for use. | -Displays message box for confirmation to leave page  Upon selecting yes:  - resets text field to blank state  -resets title to remove any file paths  -re-enables text field if disabled | -Displays message box for confirmation to leave page  Upon selecting yes:  - resets text field to blank state  -resets title to remove any file paths  -re-enables text field if disabled |
| click | (changes were made to the text file) | Creates a new blank text file for use. | -Displays message box for confirmation to leave page  Upon selecting no:  -no changes occur | -Displays message box for confirmation to leave page  Upon selecting no:  - no changes occur |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuSave | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click | (file name exists) | Saves the current file under the current file name. | -File's current content is saved under its current file name | -File's current content is saved under its current file name |
| Click | (file name does not exists) | Saves the current file under the current file name. | -Opens the savefiledialogue for user to select a text file to save as, or to create a new file to save the current content as  -updates the title to include the new file path | -Opens the savefiledialogue for user to select a text file to save as, or to create a new file to save the current content as  -updates the title to include the new file path |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuOpen | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| click |  | Opens an existing text file to edit. | -Opens the openfiledialog for user to select a text file  -Displays the full content of the text file in the text field of the program  -sets title to include the file path to selected file  -re-enables text field if disabled | -Opens the openfiledialog for user to select a text file  -Displays the full content of the text file in the text field of the program  -sets title to include the file path to selected file  -re-enables text field if disabled |
| click | (any changes to the text file) | Opens an existing text file to edit. | -Displays message box for confirmation to leave page  Upon selecting yes:  -Opens the openfiledialog for user to select a text file  -Displays the full content of the text file in the text field of the program  -sets title to include the file path to selected file | -Displays message box for confirmation to leave page  Upon selecting yes:  -Opens the openfiledialog for user to select a text file  -Displays the full content of the text file in the text field of the program  -sets title to include the file path to selected file |
| click | (any changes to the text file) | Opens an existing text file to edit. | -Displays message box for confirmation to leave page  Upon selecting no:  -no changes occur | -Displays message box for confirmation to leave page  Upon selecting no:  - no changes occur |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuClose | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Closes the current text file without exiting the program. | - resets text field to blank state  -resets title to remove any file paths  -disables text field | - resets text field to blank state  -resets title to remove any file paths  -disables text field |
| click | (changes were made to the text file) | Closes the current text file without exiting the program. | -Displays message box for confirmation to leave page  Upon selecting yes:  - resets text field to blank state  -resets title to remove any file paths  -disables text field | -Displays message box for confirmation to leave page  Upon selecting yes:  - resets text field to blank state  -resets title to remove any file paths  -disables text field |
| click | (changes were made to the text file) | Closes the current text file without exiting the program. | -Displays message box for confirmation to leave page  Upon selecting no:  -no changes occur | -Displays message box for confirmation to leave page  Upon selecting no:  - no changes occur |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuExit | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Exits the program | Program exits | Program exits |
| Click | (changes were made to the text file) | Exits the program | -Displays message box for confirmation to leave page  Upon selecting yes:  -Program exits | -Displays message box for confirmation to leave page  Upon selecting yes:  -Program exits |
| click | (changes were made to the text file) | Exits the program | -Displays message box for confirmation to leave page  Upon selecting no:  -no changes occur | -Displays message box for confirmation to leave page  Upon selecting no:  - no changes occur |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuCopy | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Copies selected text to clipboard. | Copies selection to clipboard. | Copies selection to clipboard. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuCut | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Copies selected text to clipboard. | Cuts selected text to clipboard, removing the text from text field. | Cuts selected text to clipboard, removing the text from text field. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuSaveAs | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Save the current file under a new file name or as another existing file. | -Opens the savefiledialogue for user to select a text file to save as, or to create a new file to save the current content as  -updates the title to include the new file path | -Opens the savefiledialogue for user to select a text file to save as, or to create a new file to save the current content as  -updates the title to include the new file path |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuPaste | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Pastes the content of clipboard at current location. | Pastes the content of clipboard at current location. | Pastes the content of clipboard at current location. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: mnuAbout | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Opens the "About" message box. | Opens the "About" message box. | Opens the "About" message box. |