Project – Notepad (Text Editor)

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ASSIGNMENT:

Ques What will be the output if we undergo different types of testing for Notepad?

Ans

**Notepad Scenarios 1:**

1. **Generic Test Cases for Notepad**

* Check if the data is saved after writing to the file.
* Check the functionality for the save as a file.
* Check if the notepad allows the same file name in the same file path.
* Check if the edits to the file are saved.
* Check the functionality of the close, maximize, and minimize buttons.
* Check if the window for notepad can be re-sized.
* Check the default size of the notepad is based on the last saved window size.
* Check if the clearing system cache has any difference in the size of the notepad window after you open any file.

These were some of the common test cases, but if you want to go application-specific test cases, then you have to check each item on the menu.

### ****Test Case for New File Option****

* Create a new file using CTRL+N hotkey.
* Create a new file using the File> New menu option.
* Create a new file using Windows Icon+ Menu > Accessories > Notepad.

**Test Case for Undo Option:**

* Click on Undo option in Edit Menu.
* Use CTRL+Z hotkey to undo the text changes.

**Test Case for Cut Option:**

* Click on the Cut option in Edit Menu
* Use CTRL+C hotkey to cut the text selected.
* Use cut option in the edit menu without selecting any text.
* Use CTRL+C hotkey without selecting text.

**Test Case for Paste Option:**

* Click on Paste option in Edit Menu
* Use CTRL+V hotkey to paste the text selected.
* Use Paste option in the edit menu without selecting any text.
* Use CTRL+V hotkey without selecting text or area.

**Test Cases for Save Option:**

* Save the empty file.
* Save the file with maximum text content.
* Save the file with less than the maximum allowed to store in a file.
* Save the file on the desktop.
* Save the file with the same file name that two of the earlier saved file and choose the same file path.
* Save the file with word-wrapped and close it to open again after a few seconds.
* Save the file without word-wrapped and close it to open again after a few seconds.
* Save the file from the file menu.
* Save the file using CTRL+S hotkey.
* Save the file with the ASCII character set.
* Save the file with the UTF character set.
* Save the file with multiple encoding character set.
* Save the file with Unicode endian character set.

**Test Case for Exit Option:**

* Exit the application by clicking the file>exit menu.
* Exit the application by using the CTRL+X hotkey menu.
* Exit the application by using the ALT+F4 system hotkey.

**Some of the other common test cases for cross-platform notepad applications :**

* Check if the find option exists for the notepad.
* Check if the navigation within the text is possible with the arrow keys on the keypad.
* Check the default position of the cursor (before, after the saving file).
* Check if the notepad has found and replaced functionality.

**Notepad Scenarios 2:**

* Verify that on launching the notepad application, the notepad editor should open with its default size.
* Verify that user can write/type alphabets from a standard [keyboard](https://en.wikipedia.org/wiki/Computer_keyboard).
* Verify that the user can type numerics from a standard keyboard
* Verify that the user can type special characters and symbols on the editor window.
* Verify that by default, the font size is normal or as per the specifications.
* Verify that the user can set the font size and family.
* Verify that the user can save the text in a file.
* Verify that the user can open an existing file in notepad.
* Verify that file formats not permitted by notepad are not loaded and don’t corrupt the application.
* Verify that the user can append text to any file and again save the file.
* Verify that the user can select, copy, and paste the text.
* Verify that the user can select, cut, and paste the text.
* Verify that the user can select and delete text.
* Verify that user can delete text using backspace and delete buttons.
* Verify that the user can navigate through the text in a file using the arrow keys.
* Verify that the user can navigate through the text in a file using the mouse pointer.
* Verify that the user can edit and delete data in between the text file.
* Verify that the user can undo any latest change done in a file.
* Verify that the user can redo any change undone by undo option.
* Verify that the user can search for single or multiple characters and words through the file.
* Verify that the user can search and replace single or multiple characters and words through the file.
* Verify that the user can resize the notepad window.
* Verify that the user can minimize the editor window.
* Verify that the user can maximize the notepad editor window.
* Verify that the user can close the editor window by clicking the cross icon.