CodeToUML Test Cases

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| **Use Case Id:** | **UC\_01** | **Use Case Name:** | Console – Individual selection Option | Test Date: |  |
| **Test Case Id:** | **TC\_01** | **Test Case Name:** | Input valid | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | Type the corresponding number to choose to select files individually | Console will let them know it will be doing individual file selection and ask the user to type in the file they would like to use with a warning to let them know it must be located in a specific folder. |  |  |  |
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| **Use Case Id:** | **UC\_01** | **Use Case Name:** | Console – Individual file selection | Test Date: |  |
| **Test Case Id:** | **TC\_02** | **Test Case Name:** | Input Invalid | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
| 1. | Type an invalid option that isn’t for any of the listed options displayed by the console | Console will tell them that the input isn’t accepted and try to put in the proper one again. |  |  |  |
| 2. | Type a valid option corresponding to individual file selection | Console will proceed to perform individual file selection. |  |  |  |
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| **Use Case Id:** | **UC\_02** | **Use Case Name:** | Removing Unwanted Files | Test Date: |  |
| **Test Case Id:** | **TC\_03** | **Test Case Name:** | Remove File | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | Number to initiate file removal selection | Presents a list of files in a numbered list and prompts the user to input a number of the file they want to remove |  |  |  |
| 2. | User inputs a number to remove respective file and hits enter (done after successfully adding a file) | Program will then remove the file from the list of what to look through and present a new list of what remains, if any. |  |  |  |

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| **Use Case Id:** | **UC\_03** | **Use Case Name:** | Add files individually (successful) | Test Date: |  |
| **Test Case Id:** | **TC\_04** | **Test Case Name:** | Individual selection | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | User selects the option to input files individually | Console prompts the user to input a file path to locate and add in the file |  |  |  |
| 2. | User inputs “hello.txt” or “testing.txt” file path and hits enter | Program will show them the added file (or list of added files if done before), and ask the user if they wish to add more files, proceed with selection, or remove any unwanted files |  |  |  |
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| **Use Case Id:** | **UC\_03** | **Use Case Name:** | Add files individually (fail) | Test Date: |  |
| **Test Case Id:** | **TC\_06** | **Test Case Name:** | Individual selection | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | User selects option to add files individually | Program prompts the user to write in a file directory path |  |  |  |
| 2. | User enters an incorrect path and hits enter (anything besides “hello.txt” or “testing.txt”) | Program shows an error message letting the user know that the directory path is invalid and asks the user to enter the correct path again (will repeat until user enters a valid path or chooses to cancel individual selection) |  |  |  |
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| **Use Case Id:** | **UC\_02** | **Use Case Name:** | Remove files  (fail) | Test Date: |  |
| **Test Case Id:** | **TC\_06** | **Test Case Name:** | Remove files | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | User selects option to remove any unwanted files | Program displays list of current files selected in a numbered list |  |  |  |
| 2. | User enters a number that is out of the range of the number of files present | Program shows an error message letting the user know that the input is invalid and they must choose from the available numbers displayed (will repeat until user chooses valid input or cancels file removal) |  |  |  |
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| **Use Case Id:** | **UC\_05** | **Use Case Name:** | Produce UML Diagram (May not work) | Test Date: |  |
| **Test Case Id:** | **TC\_06** | **Test Case Name:** | UML Diagram success | Tester: |  |
| **Steps** | **Inputs** | **Expected Output** | Actual Result | (Pass/Fail) | Comment |
|  | User starts program | A console menu with 2 options appears. 1 for “Individual Selection” and 2 for “Exit Program” |  |  |  |
|  | User enters “1” to go into individual file selection | The console will prompt the user for a file name |  |  |  |
|  | User enters a file name with extension that is located in the “JavaCode” folder | A console menu appears that lists the entered filename and a menu with 4 options |  |  |  |
|  | User confirms file selection to make a UML diagram by entering “3” | Program will produce a UML diagram and let the user know it has finished and show the directory path of where they can find the UML diagram |  |  |  |
|  | User copies the contents of “plantUML.txt” that is in the same directory as the .exe and pastes it in the plantUML website and hits the submit button  <https://www.plantuml.com/plantuml/uml/> | The contents of the file are pasted in the website text box and a UML class diagram is produced |  |  |  |