Test Design Document: Tuition Manager GUI

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| Test Case | Description | Sample Input | Expected result/output |
| 1 | Tests if instate is successfully added | Wilson Long Instate 13 credits 1000 funds | No error, add is successful |
| 2 | Tests that funds can’t be negative for instate | Wilson Long Instate 13 -20 funds | Error: Prints “Cannot Add: Cannot have negative amount for funding!” |
| 3 | Tests that credits can’t be 0 or less for instate | Wilson Long Instate 0 credits | Error: Prints “I Cannot Add: Instate students must take at least 1 credit!” |
| 4 | Tests that student can’t be added because they are already in the list | Wilson Long Instate 13 credits 1000 funds  Wilson Long Instate 15 credits 1100 funds | Error: “Cannot Add: Student already in list!” |
| 5 | Tests that out of state student is successfully added | Lauren Brown Outstate 17 credits TriState | No error, add is successful |
| 6 | Tests that credits can’t be 0 or less for out of state | Lauren Brown Outstate 0 credits TriState | Error: “Cannot Add: Outstate students must take at least 1 credit” |
| 7 | Tests that student can’t be added because they are already in the list | Lauren Brown Outstate 17 credits TriState  Lauren Brown Outstate 19 credits Not TriState | Error: “Cannot Add: Student already in list!”” |
| 8 | Tests if international student can be added | David Lee International 12 credits Not Exchange | No error, add is successful |
| 9 | Tests that credits can’t be less than 9 for international | David Lee International 8 credits Not Exchange | Error: “Cannot Add: International students must take at least 9 credits!” |
| 10 | Tests that student can’t be added because they are already in the list | David Lee International 12 credits Not Exchange  David Lee International 13 Exchange | Error: “Cannot Add: Student already in list!”” |
| 11 | Tests that remove is successful | Wilson Long Remove | No error, remove successful |
| 12 | Tests that you can’t remove a name not in list | Billy Joe Remove | Error: “Billy Joe was not found in the list” |
| 13 | Tests successful print | Print | Successfully prints Names and information with tuition due |
| 14 | Tests printing an empty list | Print | Error: “Printing an empty list” |
| 15 | Testing putting characters in number of credits | qwerty | Error: “Invalid input!” |
| 16 | Testing putting characters in funding | qwerty | Error: “Invalid input!” |
| 17 | Tests Instate cannot choose tri-state or exchange status. | Clicks InState | TriState and Exchange Status are faded and not able to be chosen |
| 18 | Tests Outstate cannot enter funding or choose exchange status. | Clicks OutState | Funding and Exchange status are faded and not able to be chosen |
| 19 | Tests International cannot enter funding or choose tri-state status. | Clicks International | Funding and TriState are faded and not able to be chosen. |
| 20 | Tests that part-time in-state students are not eligible for funding | Wilson Long Instate 8 credits 1000 funds | Error: “Cannot Add: Part time students do not qualify for funding!” |
| 21 | Tests that Add with no input gives an error | Clicks Add | Error: “Invalid input” |
| 22 | Tests that remove with no input gives and error | Clicks Remove | Error: “Invalid Input” |