**Queen’s University**

**Assignment:**

**Quinterac part 3**

**Course:**

**CMPE 327**

**Prepared for:**

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**Group Number:**

**23**

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## Template modifications

The template we decided to use was the python testing framework. How we approach the testing was done by writing the test cases within the test script itself and creating a temporary valid account list file and a temporary transaction summary file.

Other than changing the import from “app” (example program) to “front\_end”, the only change that was done was on line 116 where the out\_lines index added a “-1”.



This because most functions in the Quinterac software is in a while loop in which it will always prompt the user for an input. Therefore, by default the string prompting the input would always be the last line. Therefore, by making it the second last line it will match the string statement corresponding to it’s specific function.

## Failure Report

The team decided to first start with test case “R6T1”, we believed that it was best to pass one true case first and then develop the rest of the test cases after achieving at least one.

(\*Note: ETTO = Expected Tail of Terminal output, EOT = Expected output transaction)

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| --- | --- | --- | --- | --- |
| Test Case | What it was testing (output) | How was output wrong? | What was the error | How we fixed the problem |
| R6T1 | ETTO: Transaction Complete!  EOT: EOS 0000000 000 0000000 \*\*\* | Displayed the transactions menu instead of “Transaction Complete!” | Forgot to add a break statement after the user has logged out | Added a break statement in the code |
|  | ETTO: Transaction Complete!  EOT: EOS 0000000 000 0000000 \*\*\* | Gave an EOF Error in the terminal | The terminal ended with a input() function prompting for a user input | Since the terminal was never given an input a try and catch statement was used so that the program would break if an input wasn’t given |
|  | ETTO: Transaction Complete!  EOT: EOS 0000000 000 0000000 \*\*\* | “EOS 0000000 000 0000000 \*\*\*” did not match EOT | There was an extra space in the Quinterac print statement | The space was removed from the string “EOS 0000000 000 0000000 \*\*\*” |
| R2T1 | ETTO: \*\* Error \*\* Not a valid transaction, please try again!  EOT: N/A | It gave the output “Transfer (transfer)” instead | We grouped each of the transaction into a newline which meant it was comparing the strings to the wron | We put all the transaction onto the same line |
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