

## Test Plan

### Test Organization

Tests for each transaction are named with their respective transaction name and their corresponding numbers that are ordered consecutively. Ex: buy1, buy2, buy3 etc. And are put in their respective folders. Ex. buy, login, logout, etc.

#### Input files

**.inp files** contains the input into the console for each test case

**.cuaf files** contains a list of current user accounts at the start of the test cases' execution.

#### Expected output files

**.bto files** contains the expected output dialog of the console during the session of the test case

**.etf files** contains the expected daily transactions when a test case is completed

**.eatf files** contains the expected available tickets after buy/sell transactions are executed.

**.cuaf files** contains a list of current user accounts after testing the create transactions

#### Actual output files

**.ato files** contains the actual output dialog of the console after the session of the test case is completed

**.atf files** contains the actual daily transactions

**.aatf files** contains the actual available tickets

**.acuafo files** contains the actual user account file

### Test Run Plan

For the front end, the test program will read **.inp** and the **.cuaf** file and run it against the system. It will then read the expected output files, with the actual outputs then compare the two results. Tests will be run in order by the transaction type (in the order of login, logout, create, delete, sell, buy, refund, addcredit) and the test number in ascending order.

### Requirements Problems

The requirements doesn't specify how users know what type of transactions (create, buy, sell, etc) are available when the system starts or after they logged in. We assume it should display a message such as, "Choose a transaction to perform (logout, create, ....):" The display message will only list the transactions that are available to the user type. For example, some user types can only buy/sell tickets while the admin can do all the transaction types.

Similar to above, it doesn't specify how users know the details of the event and tickets that can be bought, sold, or refunded. We assume this information should be printed out.