

Phase 6 Defect Report Table (Fixed)

Defect Type	Defect Description	Action Taken
Substring mismatch	System null exception and out of bounds error, due looking for specific substrings that do not exist (ie. character substrings 46 to 52 to get the price of a transaction line)	Fixed transaction file to follow correct and exact spacing standard (25 chars event name, 15 chars username, 3 chars quantity, 6 chars price)
Sell and logout daily transaction malfunction	Missed trimming whitespaces from event and user names from sell ticket transaction and logoff transaction	Trimmed whitespaces, allowing transactions to sell and logout correctly
Program out of bounds error on execution	Exception and out of bounds on execution from Executer	Fixed indexing error, double deletion on arrayList, and added a few safety try/catch and throw exceptions
Daily script program null exception error	Daily script runs program with arguments which program does not have yet	Added arguments so program runs taking ticket, user, and transaction file, altering Driver, SystemIO, and Parser systems
Program null exception error	Not adding program parameters result in null exception error (ie. Java myProgram), ticket, user, and transaction file is required	Surrounded in try/catch and allowed program to default to specific files if unspecified, making parameters optional
Daily script mismatch	Out of bounds and null exception error given when running daily script	Fixed parameters and altered contents of ticket, user, and transaction file to meet new program specifications
Script run error	Scripts still do not run successfully (front end transaction, daily, weekly)	Diagnosed main .cpp and .java files for parameters, fixed parameter inputs
Unknown execution results	Program runs without errors but results are unknown	Added terminal output file to include actions the system is taking and when

		a user performs any type of transaction, also helping with debugging the system
Buy/Sell not actually updating in output file	Program runs but does not actually update new tickets or user credits in output file	Added a <i>findUserByIndexName(string name)</i> function to match name to indexing system
Buy/Sell updates credits but not ticket amounts	Ticket amounts when buying or selling is not updating correctly	Added a <i>findTicketByIndexName(string name)</i> function to match name to indexing system
Buy/Sell double add and double spending	Sell n tickets will append 2 lines in new output log of that same ticket instead of 1 line	Deleted an extra double add and double spending transaction

Phase 6 Defect Report Table (Persisting Issues)

Refund cannot find refunder and refundee	Indexing or refund function cannot find refunder or refundee in the user array	Attempted fix on indexing, but is known issue, problem still persists
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