

OT-BNB Failure Table

Test name	What was Tested	Nature of the Failure	Error in the Code	Actions taken to fix it
Createtest 1-4	If the program can create a new Account and update the user file	Program Failure	I/O Logic errors causing file not to be updated when file created	Made the methods overwrite the user files each time a value is created with the new user included
Createtest 1-4	If the program can create a new Account and update the user file	Program Failure	Bash file running tests were getting mixed up when a new BufferedReader was declared in the create method, tests were reading in null for all method inputs.	Made all methods use the same BufferedReader as the one declared in main
Createtest 1-4	If the program can create a new Account and update the user file	Test Failure	The test and code both violated the constraint of a user needing to be logged in before creating an account	Test was changed to force user to login first before creating an account, constraint added on create to stop users from creating an account before logging in
Deletetest 1-4	If the program can delete an account and update the user file	Program Failure	I/O Logic errors causing file not to be updated when file deleted	Made the methods overwrite the user files each time a value is deleted with the deleted user removed
Deletetest 1-4	If the program can delete an account and update the user file	Program Failure	Bash file running tests were getting mixed up when a new BufferedReader was declared in the delete method, tests were reading in null for all method inputs.	Made all methods use the same BufferedReader as the one declared in main
Renttest 1-4	If the program can update a rental as rented	Program Failure	Program didn't accept the "rental" option, therefore nothing happened, programming oversight	Added another option to the main menu to accommodate rent option
Renttest 1-4	If the program can update a rental as rented	Program Failure	Programming oversight, no use of the rented flag in the program. Rental flag not included in the rental file	Fixed the rental method to update the rental file when a file is rented and check if a file is rented before renting. Also included the rental flag in the rental file
Renttest	If the program can	Program	Programming oversight,	Changed the message to ask

1-4	update a rental as rented	Failure	was asking the user to input the city name instead of the nights they want to stay, causing the program to not accept the input	user for the nights they want to stay
Posttest_4	Checks if program can add a rental to database	Test Failure	Inputting Richmond_Hill into the database causes the program to think they are separate arguments	Changed the format of the input files to use underscores instead of spaces to split arguments. Test changed to use Richmond Hill with a space instead