

CSCI 3060U Software Quality Assurance – Phase 1

OT-BnB – Test Cases

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Create Transaction (01):

Test Number	Description
create01-1	username is unique and valid
create01	user type is defined and valid
create02	information saved to daily transaction

Delete Transaction (02):

Test Number	Description
delete00	checks if the user is logged in as an admin
delete01	checks if the input username matches an existing user and is not the current user
delete02	deleted user cannot use any transactions
delete03	all outstanding rentals are removed
delete04	the transaction has been properly recorded on the daily transaction

Login Transaction (00):

Test Number	Description
login0	checks that the transaction is a login transaction
login1	checks if the input file is a user account file
login1-1	User login is correct format with proper account type
login2	checks if the username is valid
login3	Check prior login status

Logout Transaction (00):

logout01	allow logout if user is already logged in
logout01	no other transactions are accepted after logout
logout02	daily transaction file has been written to

Post Transaction (03):

post00	user is not rent standard
post01	information is valid (conforms to maximum constraints, rental flag set to false, etc)
post02	information is correctly written to the daily transaction

Rent Transaction (05):

rent00	user is not post-standard
rent01	valid rental-ID
rent02	valid number of nights requested (≤ 14)
rent03	displays correct information (rent/night and total cost)
rent04	confirmation form works (sets rented flag to true)
rent05	correctly write to daily transaction

Search Transaction (04):

search00	has correct inputs (contains city, rental price, number of bedrooms)
search01	has correct outputs (lists units with false rental flags, correct information)
search02	* works as input for one input value
search03	* works as input for 2 input values
search04	* works as input for 3 input values
search05	is correctly written to daily transaction

search06	if no rentals are found, display "There are no results found"
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