

Gordon Petry

<https://github.com/gpetry37/BeaconResources>

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Directory: ~/vm-csc415/assignments/BeaconResources

Assignment 3

Test Case Design Document

I will be utilizing white-box testing, as I believe my project is simple enough to allow for us to check all possible routes the functions contain considering the algorithm is relatively simple.

Functionality Tested	Inputs	Expected Output	Actual Output
ApplyFilter	Filter (None selected)	Entire Database	
ApplyFilter	Motel/hotel referral	Only results with input category	
ApplyFilter	Single Shelter	Only results with input category	
ApplyFilter	Family Shelter	Only results with input category	
ApplyFilter	Transitional Housing	Only results with input category	
ApplyFilter	Domestic Violence Shelter	Only results with input category	
ApplyFilter	Runaway Youth Shelter	Only results with input category	
ApplyFilter	Drop In Day Care	Only results with input category	
ApplyFilter	Soup Kitchen/Feeding Program	Only results with input category	
ApplyFilter	Job Training	Only results with input category	
ApplyFilter	Counseling	Only results with	

		input category	
AdminSignIn	Valid Admin Account	Signed in successfully.	
AdminSignIn	Invalid Admin Account	Invalid Email or password.	
AdminSignOut	Selects “Sign Out”	Signed out successfully.	
AddResource	Correct number of inputs, not a duplicate resource	Resource added!	
AddResource	Correct number of inputs, a duplicate resource	Duplicate entry!	
AddResource	Incorrect number of inputs	Please fill out this field.	
AddResource	Admin not signed in	Admin only!	
RemoveResource	Admin not signed in	Admin only!	
RemoveResource	Remove button selected on resource to remove	Resource removed!	
AdditionSuggestion	Information is entered for suggestion	Suggestion created!	
RemovalSuggestion	Information is entered for suggestion	Suggestion created!	
ViewSuggestions	Admin hits “View Suggestions” button	Page is rendered with suggestions	
RemoveSuggestions	Remove button selected on suggestion to remove	Suggestion removed!	