

## Take Home Assignment

### Overview of User Story Types and Assignments

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#### User Preferences and Settings:

Test Type	Test Case ID	Test Case	Pre-condition	Post-Condition	Test Steps	Expected Result	Actual Result	Status
Attribute	Test 1. New Account	Test if attributes are set properly for a new account	User needs to sign up and login with a new account	New account should be added to database under users table. 16 attributes should be added to userattribute preferences table assigned to new user id. These attributes should also be reflected in local objects agePreferenc	User clicks on settings.	User should see all tags in light blue (not pressed) and all attributes in dark blue (pressed)	User sees all tags in light blue (not pressed) and all attributes in dark blue (pressed).	Passed

				es, sizePreferen ces, sexPreferenc es, energyLevel Preferences ArrayLists				
Attribute	Test 2: Unselect Attributes	Test if user is able to unselect all attributes	User needs to login with an existing account	Unselected attributes should be removed from database and local objects agePreferenc es, sizePreferen ces, sexPreferenc es, energyLevel Preferences ArrayLists	User clicks on the Settings tab and scroll down to attributes. User should try to unselect all attributes.	User should not be able to unselect all attributes. With at least one attribute per category (Size, Sex, Age, Energy Level) remaining selected.	User is not able to unselect all attributes. With at least one attribute per category (Size, Sex, Age, Energy Level) remaining selected.	Passed
Attribute	Test 3: Saving users attributes	Test if user selected attributes remained saved	Login with an existing user	Database and Local Objects are unchanged	User logs in with an existing account and select some attributes and closes the	Attributes selected in a previous login should remain unchanged in this new	Attributes selected in a previous login remain unchanged in this new login.	Passed

					application. User logs in with the same account click on preferences and check if attributes previously selected remain unchanged	login.		
Tags	Test 4: Selecting tags	User selects chosen tags and check how this is reflected on the dogs shown	User logs in with an existing account.	Selected tags should be added to the database under usertagpreferences and assigned to the userid of the current user. Tags should also be added to Hasthable tagPreferences	User goes to Settings and select the tags of they choosing changing their colour to dark blue and then clicks on dog profiles.	Dogs appearing on Dog profiles should have one of the tags selected.	Dogs appearing on Dog profiles have at least one of the tags selected.	Passed
Tags	Test 5: Saving tags modified	User makes changes to the selected	User logs in with an existing	Selected and unselected tags should	User select tags in Settings and	In the last time user goes back to	Tags remained selected in	Failed

		tags and checks if those have been changed when moving pages.	account.	be added to and removed from the database under usertagpreferences and assigned to the userid of the current user. Tags should also be added to and removed from Hashtable tagPreferences accordingly	further moves to Dog Profile Page. User goes back to settings, unselect a few of the tags selected and goes to Dog Profile Page. User then goes back to Settings.	settings, the unselected tags should have remained unselected.	settings and are not reflected on DB	
Tags	Test 6: Select all tags	User should be able to select all tags in Settings	User logs in with an existing account.	Selected tags should be added to the database under usertagpreferences and assigned to the userid of the current user. Tags should also be added to Hashtable	User goes to Settings and select all tags (dark blue)	All tags should become dark blue	All tags become dark blue and changes are reflected in DB	Passed

				tagPreferences				
Tags	Test 7: Unselect all Tags	User should be able to unselect all tags in Settings	User logs in with an existing account with all tags selected (dark blue).	All tags from user should be removed from usertagpreferences and removed from Hasthable tagPreferences accordingly	User goes to Settings and unselect all tags (light blue)	All tags should become light blue	All tags become light blue however changes are not reflected in DB	Failed
Tag filtering	Test 8: Tag priority	Check if dogs with more matched tags are showing first to users	User logs in with an existing account with pre-selected tags (dark blue).	N/A	User goes to Dog Profile and see if dogs with more tags that match pre-selected tags are shown first.	Dogs with more tags that match the pre-selected tags should be shown first.	Dogs with more tags that match the pre-selected tags are shown first.	Passed
Tag filtering	Test 9: No Tags	No Tags Selected and how that impacts dog filtering	User logs in with existing user with no tags	N/A	User goes to Dog Profile and see which dogs are shown	Dogs with multiple different tags should be shown	Dogs with multiple different tags should be shown	Passed
Tag filtering	Test 10: All Tags	All Tags Selected and	User logs in with existing	N/A	User goes to Dog Profile	Dogs with multiple	Dogs with multiple	Passed

		how that impacts dog filtering	user with all tags selected		and see which dogs are shown	different tags should be shown	different tags should be shown	
Attribute Filtering	Test 11: Attribute - Dog Selection	Check if only dogs that match the attributes selected are shown to user	User logs in with an existing account with pre-selected attributes (dark blue).	N/A	User goes to Dog Profile and see if dogs with attributes that match pre-selected attributes are shown.	Only dogs with attributes that match the pre-selected attributes of each category (Size, Sex, Age, Energy Leven) should be shown.	Only dogs with attributes that match the pre-selected attributes of each category (Size, Sex, Age, Energy Leven) are shown.	Passed
Attribute Filtering	Test 12: Selecting Multiple Attributes of the same category	User selects multiple attributes and check how they reflect on the dogs shown	User needs to be logged in with an existing user	Selected attributes should be added to the database and local objects agePreferences, sizePreferences, sexPreferences, energyLevel Preferences ArrayLists	User goes to settings, select the attributes of their choosing and go dog profile.	Dogs shown on dog profile should match the attributes selected.	No dogs shown for some attributes (eg. Size: Humungous)	Failed

