

SEM2220: iOS Word Pairs Assignment

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2 Test Table

#	Functional Requirement	Test Description	Expected Outcome	Pass/Fail	Actual Outcome	Solution
1	FR1	Add new word pair	A new word is added and is shown in the main word pairs view.	Fail	High level exception thrown when setting the data.	The model had recently just been updated through refactoring. Incrementing the version solved this issue.
2	FR1	Add new word pair with no type	A new word is added without type and is shown in the main word pairs view.	Pass	As Expected	N/a
3	FR1	Add new word pair with a note	A new word pair is added and a note is shown when clicking on it and viewing it.	Pass	As Expected	N/a
4	FR1	Edit a word pair and change the content	Word pair is edited and the details are saved the viewed after editing	Pass	As Expected	N/a
5	FR1	Delete a word pair	Deleting a word pair should remove it from the table view and remove it from core data. Closing a reopening the app should show the entry is still removed.	Pass	As Expected	N/a
6	FR2	Create a new tag	A new tag is created	Pass	As Expected	N/a
7	FR2	Assign a tag to an existing word pair	Viewing the word pair should show that a tag is associated with it	Pass	As Expected	N/a
8	FR2	View a list of words for tag	Clicking on a tag should show a list of word pairs that are associated with this tag	Pass	As Expected	N/a

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9	FR2	Cannot view words for a tag that has zero references	Clicking on the tag should do nothing. The row should also have the chevron (>) removed from the interface to indicate this.	Pass	As Expected	N/a
10	FR2	Editing a tag	Editing a tag should change update tag. The tag should not lose its references to word pairs. Word pairs should show as being associated with the edited name of the tag	Pass	As Expected	N/a
11	FR2	Delete a tag	Deleting a tag should remove it from the table view. All word pairs that were associated with the tag should no longer have the tag associated with them	Pass	As Expected	N/a
12	FR2	Assign multiple word pairs a tag	All of the tags should be shown in the when viewing the word pair	Pass	As Expected	N/a
13	FR2	Remove all tags associated with a word pair	An association with a tag is optional, so the it should be possible to remove all tags associated with a word pair.	Fail	Tags are not removed.	The NSSet holding the tags was not being cleared before adding new tags. This meant that the set was only ever updated with new tags, but removing a tag had not effect. This is now resolved by clearing before updating.
14	FR3	Search for a word pair by foreign/native word	Searching by a word pair should filter all of the pairs that match either the foreign or the native word	Pass	As Expected	N/a

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15	FR3	Search for a word pair by tag	Searching by tag should return all words that are associated with that particular tag	Pass	As Expected	N/a
16	FR3	Search for a word pair by type	Searching by type should return all words that are associated with that particular type	Pass	As Expected	N/a
17	FR3	Editing a word pair while a search filter is active	Editing a word pair while a search filter is active should edit the correct word. When the filter is removed the edited version of the word pair should be present and correct in the table view	Pass	As Expected	N/a
18	FR3	Removing a word pair while a search filter is active	Removing a word pair while a search filter is active should remove the correct word. When the filter is removed the word pair should no longer be present and correct in the table view	Pass	As Expected	N/a
19	FR3	Searching for a tag by name	Searching by name for a tag should return all of the tags which match the filter value	Pass	As Expected	N/a
20	FR4	Starting a test set with the most recent words	A new test set should be generated that only consists of the 10 most recent words added to the application. This collection of words should be randomised.	Pass	As Expected	N/a

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21	FR4	Starting a test set using a tag	All of the word pairs associated with a tag should be added to used in the test and the word pairs should be randomised.	Pass	As Expected	N/a
22	FR4	Entering a correct guess for a word	Entering a correct guess should show confirmation that it was correct and display the foreign word.	Pass	As Expected	N/a
23	FR4	Entering an incorrect guess for a word	Entering an incorrect guess should inform the user that they were wrong and display the correct foreign word.	Pass	As Expected	N/a
24	FR4	Cancelling a revision exercise	At any point during the test the user should be able to click the cross icon to return the the home screen.	Pass	As Expected	N/a
25	FR4	Review a revision exercise	The total number of correct guesses and the total number of words in the exercise should be displayed. The user should be able to navigate back to the home screen	Pass	As Expected	N/a
26	FR4	Retake a revision exercise	On the revision page, clicking the try again button restart the test. Entries should be randomised again, but the same words should be reused.	Pass	As Expected	N/a

#	Functional Requirement	Test Description	Expected Outcome	Pass/Fail	Actual Outcome	Solution
27	FR5	Importing data from a URL	New word pairs should be added on the main screen. A loading spinner should be shown while loading. A message should be shown when the operation successfully completes. Dismissing the message should return the user to the home screen.	Pass	As Expected	N/a
28	FR5	Importing data from an invalid URL	The operation should fail and a message should be displayed to the user informing them that it was unsuccessful. They should not be segued back to the main screen.	Pass	As Expected	N/a

References
