

# Software Engineering Group Project 20

## Test Report

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## 1. SYSTEM TESTS

These tests are based on the system tests found in the Test Specification. [2]

Test Reference	Requirement Being Tested	Test Content	Input	Output	Pass Criteria	Pass or Fail
GR20-001	FR1	Check that words shown are arranged alphabetically by their English words.	N / A.	English words shown in ascending order alphabetically.	Correct data displayed.	Pass
GR20-002	FR2	Selecting the language option should reorder the list to alphabetically show Welsh words over English.	Clicking the language button.	Welsh words shown in ascending order alphabetically.	Correct data displayed.	Pass
GR20-003	FR3	Typing an English word in the search bar while the list is sorted by English should only show words starting with those letters.	Typing "ap"	Words displayed should be words starting with the written input. E.g. "Apple"	Correct data displayed.	Pass
GR20-004	FR3	Typing a Welsh word in the search bar while the list is sorted by Welsh should only show words starting with those letters.	Typing "af"	Words displayed should be words starting with the written input. E.g. "Afal"	Correct data displayed.	Pass

GR20-005	FR4	Highlighted words should all be placed in a practice list.	Select word with left click to highlight.	Word should be added into the practice list.	Word correctly added to practice list.	Pass
GR20-006	FR4	Words deselected should be removed from the practice list.	Select word with left click to remove highlight.	Word should be removed from the practice list.	Word correctly removed from practice list.	Pass
GR20-007	FR5	Trying to add a new word to the dictionary without supplying a translation.	Add "Apple"  [Leave translation field blank.]	An error message warning of incorrect input should be shown.	System displays input error message.	Pass
GR20-008	FR5	Trying to add a word that is already in the program.	Add "Apple"  [Afal]	An error message warning of duplicate data attempt should be shown.	System displays duplicate data error message.	Pass
GR20-009	FR6	Welsh words should show whether they are masculine or feminine nouns.	Navigate to "Practice List" menu option.	Word information is displayed next to each word.	Word information matches the data stored within the stored file.	Pass
GR20-010	FR7	Clicking the "Practice List" menu should show all practice words the user has highlighted.	Navigate to "Practise list" menu option.	All practice words should be shown in alphabetical order.	Practice words shown in alphabetical order.	Pass

GR20-011	FR8	Flash cards should start on Welsh or English based on which language the dictionary is sorted by on the dictionary page.	Navigate to "Flashcard" menu option.	Flash cards correctly show Welsh or English word with the correct counterpart word when flipped.	Flash card shown to user correctly.	Pass
GR20-012	FR9	Starting a "6 Meanings" test should show a word followed by six words in the opposite language. (One of which being correct.)	Navigate to "Study" menu option.	Test word must be shown along with six possible answers (One of which must be correct.)	Correct data displayed.	Pass
GR20-013	FR9	Starting a "Translate" test should show a word followed by a text box where the translated word can be entered by the user.	Navigate to "Study" menu option.	Test word must be shown along with a text box, where inserting the correct translation must show as correct. Inserting an incorrect translation must show as incorrect.	Data shown correctly. Correct prompts shown on pass or failure of the translation.	Pass
GR20-014	FR9	Starting a "Match The Meaning" test should show four practice list words along with four matching (unordered) meanings. The four meanings can be matched with the words.	Navigate to "Study" menu option.	Four test words must be shown along with their four jumbled meanings. Matching them correctly must be shown as correct while matching them incorrectly must be shown as incorrect.	Data shown correctly, Pass or Fail correctly shown upon the matching of words and meanings.	Pass

<p><b>GR20-015</b></p>	<p><b>FR9 (SPECIFICALLY GR20T12)</b></p>	<p>The “Match The Meaning” test option must not be available unless there are at least <b>FOUR</b> words added to the practice list.</p>	<p>Navigate to “Study” menu option.</p>	<p>The user must be shown an error message if there are less than <b>FOUR</b> words added to the practice list. Otherwise the test will begin.</p>	<p>If less than <b>FOUR</b> words are present within the test list. An error message is shown.  If <b>FOUR</b> words are present the test will proceed without an error message following test parameters outlines within (GR20T12.)</p>	<p><b>Pass</b></p>
<p><b>GR20-016</b></p>	<p><b>FR10</b></p>	<p>When the user starts a test, the words loaded should be from the practice list.</p>	<p>Navigate to “Study” menu option.</p>	<p>Tests only use words that were added to the practice list by the user. And six meanings also pulls from the dictionary for the other 5.</p>	<p>Correct data displayed.</p>	<p><b>Pass</b></p>

GR20-017	FR10	With each answer the user gives, a score counter should reflect the number of questions answered along with how many the user has answered correctly.	Start one of the tests within the “Study” menu.	A score table must be shown. This counter must show the number of questions that have been answered along with the number that the user has entered correctly.	Data, correct questions and number of questions shown and counted correctly.	Pass
GR20-018	FR10	At the conclusion of the test the user should be shown clear feedback of praise if they are correct. Otherwise the feedback should be information on what the correct answer is.	Navigate to “Study” and complete tests using both known correct and incorrect answers.	Feedback shown at the end of each test must be the correct outcome along with showing the correct assistance feedback if required.	Data shown correctly in the feedback prompt.	Pass
GR20-019	FR10	Selecting the “Study” tab will run 10 random tests with at least one of each type of test as long as there are enough words in the practice list.	Navigate to “Study” menu option.	10 random tests are run, of which there should be at least one of each type.	10 tests are run, of which there should be at least one of each type.	Pass

## 2. FAILED TESTS

Test Reference	Explanation of why it failed	Has it been resolved yet?
GR20-003	Shows all words containing “ap”	Yes
GR20-004	Shows all words containing “af”	Yes
GR20-008	Adds word to the dictionary even though it is already in the dictionary, it's not case sensitive.	Yes
GR20-011	Flash card shows only English to Welsh translation instead randomizing them.	Yes (changed the test spec)
GR20-015	Having 4 words in practise list does not allow the user to start match the meaning test.	Yes
GR20-019	Doesn't have random game button	Yes (changed the test spec)

## REFERENCES

- [1] QA Document SE.QA.010 - Producing a final report.  
 [2] TestSpecGroup20 Test Specification

## DOCUMENT HISTORY

<i>Version</i>	<i>CCF No.</i>	<i>Date</i>	<i>Changes made to document</i>	<i>Changed by</i>
0.1	N/A	30/04/20	Initial Creation	HD, MJ
0.2	N/A	03/05/20	Updated to reflect edits in the test specification document.	HD, MJ
1.1	#59 #60 #61 #62 #63 #64 #65 #66	04/05/20	Updated document to match changes to the Test Specification following QA review.	HD, MJ
1.2	#67 #68 #69 #70	05/05/20	Updated document following second QA review.	HD