Software Engineering Group Project

Welsh Vocabulary Tutor - Test Report

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# Test table

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| --- | --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria | PASS/FAIL |
| SE-F-001 | FR1 | Dictionary loads up in English as a default | Open the app | Displays a list of English words in alphabetical order with their translations | Dictionary loaded in English | PASS |
| SE-F-002 | FR1 | Scrolling through the list | Moving the scrolling bar up and down | Go through all the list | Scrolling through the dictionary correctly | PASS |
| SE-F-003 | N/A | Checking if the app is saving the content of the user in its current state | Add the word «hell» with its welsh translation «uffern» to the dictionary, close the app, open the app again and search for the recently added word «hell» | Displays the word «hell» with its welsh translation «uffern» | Word displayed correctly | PASS |
| SE-F-004 | FR2 | Switching to Welsh dictionary | Press the «WelshFlag» button | Displays a list in alphabetical order of Welsh words with their translations | Dictionary loaded in Welsh | PASS |
| SE-F-005 | FR2 | Switching back to English dictionary | Press the «EnglishFlag» button | Displays a list in alphabetical order of English words with their translations | Dictionary loaded in English | PASS |
| SE-F-006 | FR3 | Check if the words are getting predicted in English | Press «EnglishFlag» button, type «hel» in the searching bar | Displays all words from dictionary starting with «hel» | Words are displayed correctly | PASS |
| SE-F-007 | FR3 | Check if the words are getting predicted in Welsh | Press «WelshFlag» button, type «hel» in the searching bar | Displays all words from the dictionary starting with «hel» | Words are displayed correctly | PASS |
| SE-F-008 | FR3 | Check different types of inputs in English | Press «EnglishFlag» button, type «£@#~» in the searching bar | The list of words in the dictionary is empty, “No content in table” message displayed | Showing the empty list, message displayed correctly | PASS |
| SE-F-009 | FR3 | Check different types of inputs in English | Press «EnglishFlag» button, type «123» in the searching bar | The list of words in the dictionary is empty, “No content in table” message displayed | Showing the empty, message displayed correctly | PASS |
| SE-F-010 | FR3 | Check different types of inputs in Welsh | Press «WelshFlag» button, type «£@#~» in the searching bar | The list of words in the dictionary is empty, “No content in table” message displayed | Showing the empty list, message displayed correctly | PASS |
| SE-F-011 | FR3 | Check different types of inputs in Welsh | Press «WelshFlag» button, type «123» in the searching bar | The list of words in the dictionary is empty, “No content in table” message displayed | Showing the empty list, message displayed correctly | PASS |
| SE-F-012 | FR5 | Add a new English word to the dictionary | Press «+» button, type in word in English «widow», its translation «weddw» and set type as a verb | Home screen view, «Word added successfully» message displayed, practice list updated with a new word | The word is added successfully to both dictionary and practice list, message displayed correctly | PASS |
| SE-F-013 | FR5 | Add a new word to the dictionary with blank fields | Press «+» button, type in word in English «widow», leave the translation field blank, set type as a verb | «Add word» button greyed out | Button «Add word» remains not active | PASS |
| SE-F-014 | FR5 | Add a new word to the dictionary with blank fields | Press «+» button, leave the field for English word blank, type in welsh translation «weddw» and set word type as a verb | «Add word» button greyed out | Button «Add word» remains not active | PASS |
| SE-F-015 | FR5 | Add a new word to the dictionary with blank fields | Press «+» button, leave all fields blank | «Add word» button greyed out | Button «Add word» remains not active | PASS |
| SE-F-016 | FR5 | Add the same word with the same type and translation to the dictionary twice | Press «+» button, type in word in English «widow», its translation «weddw» and set type as a verb | «Word already exists in the dictionary» message | Error message displayed | PASS |
| SE-F-017 | FR6 | Check if verbs are prefaced by “to” | Type «go» in the searching bar | Displays «to go» | Word displayed correctly | PASS |
| SE-F-018 | N/A | Delete newly entered word of dictionary | Find word by typing «widow» in the searching bar, press the right mouse button on the word , click «delete» | Removing «widow» with its translation from the dictionary. displays updated list, message “DELETED: to widow” displayed | List displayed correctly. The word is removed. Message displayed correctly | PASS |
| SE-F-019 | N/A | Check if it is case insensitive | Type «Hello» in the searching bar | Displays «hello» | Word is found and displayed correctly | PASS |
| SE-F-020 | FR4 | Add a word to your practice list | Double click on the word «widow» | «widow» is added to the practice list, marked as tick in the dictionary | Practice list updated correctly | PASS |
| SE-F-021 | FR4 | Delete word from the practice list | Double click on the word «widow» | «widow» is removed from the practice list, tick is removed from the dictionary | Practice list and dictionary updated correctly | PASS |
| SE-F-022 | FR4 | Delete word from both practice list and dictionary | Right-click on the word «Diolch» and press «delete» | «Diolch»is removed from the practice list | Practice list updated correctly | PASS |
| SE-F-023 | FR7 | Display list of words from the practice list | Press «Practice List» button | The correct list of the added words by the user | Words displayed correctly | PASS |
| SE-F-024 | N/A | Change the size of the font «medium» | Set font as «medium» | The font in the app changed to 18 pixels, message “Set font to: Medium” displayed | Text in the app displayed correctly, message displayed correctly | PASS |
| SE-F-025 | N/A | Change the size of the font «small» | Set font as «small» | The font in the app changed to 12 pixels, message “Set font to: Small” displayed | Text displayed correctly, message displayed correctly | PASS |
| SE-F-026 | N/A | Change the size of the font «large» | Set font as «large» | The font in the app changed to 28 pixels, message “Set font to: Large” displayed | Text displayed correctly, message displayed correctly | PASS |
| SE-F-027 | N/A | Change the number of words used in a single quiz | Set number to «10» | The tests taken by the user should present up to 10 words in the quiz, message “Set amount of word quizzed to: 10” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-028 | N/A | Change the number of words used in a single quiz | Set number to «15» | The tests taken by the user should present up to 15 words in the quiz, message “Set amount of word quizzed to: 15” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-029 | N/A | Change the number of words used in a single quiz | Set number to «20» | The tests taken by the user should present up to 20 words in the quiz, message “Set amount of word quizzed to: 20” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-030 | N/A | Change the number of words used in a single quiz | Set number to «25» | The tests taken by the user should present up to 25 words in the quiz, message “Set amount of word quizzed to: 25” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-031 | N/A | Change the number of words used in a single quiz | Set number to «30» | The tests taken by the user should present up to 30 words in the quiz, message “Set amount of word quizzed to: 30” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-032 | N/A | Change the number of words used in a single quiz | Set number to «5» | The tests taken by the user should present up to 5 words in the quiz, message “Set amount of word quizzed to: 5” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-033 | N/A | Change the language that you would like to be quizzed in | Set language as «Welsh» | Quizzes in Welsh, message “Set quizzed language to: Welsh” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-034 | N/A | Change the language that you would like to be quizzed in | Set language as «English» | Quizzes in English, Message “Set quizzed language to: English” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-035 | N/A | Change the language that you would like to be quizzed in | Set language as «both» | Quizzes in both English and Welsh, Message “Set quizzed language to: Both” displayed | Settings updated correctly, message displayed correctly | PASS |
| SE-F-036 | FR9 | Check that the system treats correct input as a good answer in the input box | Add the word «hello» to the practice list, run test, enter «shwmae» in the input box, press «submit» | The score increased by 1, «Correct!» message displayed | Message displayed correctly | PASS |
| SE-F-037 | FR9 | Check that the input in the box is case insensitive | Add the word «hello» to the practice list, run test, enter «Shwmae» in the input box, press «submit» | The score increased by 1, «Correct!» message displayed | Message displayed correctly | PASS |
| SE-F-038 | FR9 | Check that the system treats incorrect input as a wrong answer in the input box | Add the word «hello» to the practice list, run test, enter «shwamed» in the input box, press «submit» | The score stays the same**,** «False! Correct answer : shwmae» message displayed | Error message displayed correctly | PASS |
| SE-F-039 | FR9 | Check that the system takes the good answer as correct in multiple choice question | Add the word «hello» to the practice list, run test, choose «shwmae» from the options, press «submit» | The score increased by 1, «Correct!» message displayed | Message displayed correctly | PASS |
| SE-F-040 | FR9 | Check that the system takes the wrong answer as incorrect in multiple choice question | Add the word «hello» to the practice list, run test, choose any answer apart from «shwmae», press «submit» | The score stays the same**,** «False! Correct answer : shwmae» message displayed | Error message displayed correctly | PASS |
| SE-F-041 | FR9 | Check that there are six different translations given in multiple choice question | Run test, compare the answers | N/A | Six different answers displayed | PASS |
| SE-F-042 | FR10 | Check that overall score is correct | Press «Settings», Set number of tests in the revision section as 10, give only two correct answers | Score displayed as «2/10» | Feedback displayed correctly | PASS |
| SE-F-043 | FR8 | Check if you can check the word’s translation from the flashcard | Add the word «hello» to the practice list, press «Revise», press «Flashcards», press «Flip» | Translation «shwmae» displayed | Translation displayed correctly | PASS |
| SE-F-044 | FR8 | Check if 4 words generated in match game are different | Press «Revise» press «Quiz» and 4 different words should appear | 4 words were generated, and they were different | 4 words were generated correctly | PASS |
| SE-F-045 | FR8 | Check if error message comes up if the answers is not correct in the match game | Press «Revise» press «Quiz» and select wrong answers from the dropdown lists | Error message was displayed, and the right answer was displayed with it | Error message was displayed correctly | PASS |
| SE-F-046 | FR8 | Check if the generated 4 words in match game match the answers of the dropdown list “potential answers” | Click on each dropdown list and match the translation | All 4 words match with potential answers | All 4 words matched with the given answers | PASS |

# Acceptance tests

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| Test name | Req being tested | PASS/FAIL |
| Test 1: Startup | FR1 | PASS |
| Test 2: Reordering the dictionary | FR2 | PASS |
| Test 3: Searching the dictionary | FR3 | PASS |
| Test 4: Practice list | FR4 | PASS |
| Test 5: Adding new words to the dictionary | FR5 | PASS |
| Test 6: Display of words | FR6 | PASS |
| Test 7: Reviewing the practice list | FR7 | PASS |
| Test 8: Flashcards | FR8 | PASS |
| Test 9: Running tests on practice words | FR9, FR10 | PASS |

**REFERENCES**

[1] SE.TS.09 - Welsh Vocabulary Tutor Test Specification

**DOCUMENT HISTORY**

| *Version* | *CCF No.* | *Date* | *Changes made to document* | *Changed by* |
| --- | --- | --- | --- | --- |
| 1.0 | N/A | 04/05/20 | N/A - original version | izk |