*Software Engineering Group Projects – Test Procedure Standards*

**Software Engineering Group Projects –**

**Test Procedure Standards**

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1. **INTRODUCTION**
   1. **Purpose of this document**

The purpose of this document is to provide a test table who will described in detail how the test will be carries out.

* 1. **Scope**

This document specifies the necessary layout and test specification . Each test will have a Test reference, the requirement being tested, the test content, the input and output of each test and a pass criteria.

**1.3 Objectives**

The main objective is to describe a test procedure, which content in detail all the necessary test.

**1.1 Start-up**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-001 | FR | Dictionary loads up in English as a default | Open the app | Displays list of English words with their translations | Dictionary loaded in English |
| SE-F-002 | FR | Checking if the app is saving the content of the user in its current state | Add word «hell» to the dictionary, close the app, open the app again and search for the recently added word «hell» | Displays word «hell» with its welsh translation «uffern» | Word displayed correctly |
| SE-F-003 | FR | Switching to Welsh dictionary | Press «CY» button | Displays list of Welsh words with their translations | Dictionary loaded in Welsh |
| SE-F-004 | FR | Switching back to English dictionary | Press «ENG» button | Displays list of English words with their translations | Dictionary loaded in English |

**1.2 Searching**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-005 | FR | Check if the words are getting predicted in English | Press «ENG» button ,type «hel» in the searching bar | Displays all words starting with «hel» | Words are displayed correctly |
| SE-F-006 | FR | Check if the words are getting predicted in Welsh | Press «CY» button, type «hel» in the searching bar | Displays all words starting with «hel» | Words are displayed correctly |
| SE-F-007 | FR | Check different types of inputs in English | Press «ENG» button ,type «£@#~» in the searching bar | The list of words is empty/ Error message (depends on UI) | Showing the empty list/ System displays "invalid input" error message. |
| SE-F-008 | FR | Check different types of inputs in English | Press «ENG» button ,type «123» in the searching bar | The list of words is empty/ Error message (depends on UI) | Showing the empty list/ System displays "invalid input" error message. |
| SE-F-009 | FR | Check different types of inputs in Welsh | Press «CY» button, type «£@#~» in the searching bar | The list of words is empty/ Error message (depends on UI) | Showing the empty list/ System displays "invalid input" error message. |
| SE-F-010 | FR | Check different types of inputs in Welsh | Press «CY» button, type «123» in the searching bar | The list of words is empty/ Error message (depends on UI) | Showing the empty list/ System displays "invalid input" error message. |

**1.3 English dictionary**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-011 | FR | Add new word to the dictionary | Press «+» button, type in word in English «widow», its translation «weddw» and set type as verb | Home screen view ? (maybe we should think about any pop-up window ?) | The word is added successfully |
| SE-F-012 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word in English «widow», leave translation field blank , set type as verb | Display “Translation field is required” message | Error message displayed |
| SE-F-013 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word in English «widow», its translation «weddw» , leave word type field blank | Display “Word type field is required” message | Error message displayed |
| SE-F-014 | FR | Add 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 verb | Display “English word field is required” message | Error message displayed |
| SE-F-015 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave all fields blank | Display “All fields are required” message | Error message displayed |
| SE-F-016 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word in English «widow», leave translation field blank, leave word type blank | Display “Translation field and wordtype field are required” message | Error message displayed |
| SE-F-017 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave the field for English word blank, leave the field with welsh translation blank and set type as verb | Display “English word field and translation field are required” message | Error message displayed |
| SE-F-018 | FR | Add 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 verb | Display “English word field and word type field are required” message | Error message displayed |
| SE-F-019 | FR | Add the same word to the dictionary twice | Add new word to the dictionary, try to add the same word once again | Display “The word is already in the dictionary” message | Error message displayed |
| SE-F-020 | FR | Check if verbs are prefaced by “to” | Type «go» in the searching bar | Displays «to go» | Word displayed correctly |
| SE-F-021 | FR | Delete newly entered word of dictionary | Press the right mouse button, click «delete» | Removing the word with its translation from the dictionary. Displays updated list. /deleting word from json file | List displayed correctly. The word is removed. |
| SE-F-022 | FR | Check if it is case insensitive | Type «Hello» in the searching bar | Display «hello» | Word is found and displayed correctly |
| SE-F-023 | FR | Add word to your revision list | Double click on word you want to add | Word is added to revision list, marked as added? | Revision list updated correctly. |

**1.4 Welsh dictionary**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-024 | FR | Add new word to the dictionary | Press «+» button, type in word in Welsh «weddw», its translation «widow» and set type as verb | Home screen view ? (maybe we should think about any pop-up window ?) | The word is added successfully |
| SE-F-025 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word «weddw» in Welsh, leave translation field blank, set word type as verb | Display “Translation field is required” message | Error message displayed |
| SE-F-026 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word in Welsh «weddw», its translation «widow» , leave word type field blank | Display “Word type field is required” message | Error message displayed |
| SE-F-027 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave the field for Welsh word blank, type in English translation «widow» and set type as verb | Display “Welsh word field and translation field are required” message | Error message displayed |
| SE-F-028 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave all fields blank | Display “All fields are required” message | Error message displayed |
| SE-F-029 | FR | Add new word to the dictionary with blank fields | Press «+» button, type in word in Welsh, leave translation field blank, leave word type blank | Display “Translation field and word type field are required” message | Error message displayed |
| SE-F-030 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave the field for Welsh word blank, leave the field with English translation blank and set type as verb | Display “Welsh word field and translation field are required” message | Error message displayed |
| SE-F-031 | FR | Add new word to the dictionary with blank fields | Press «+» button, leave the field for Welsh word blank, type in English translation «widow» and set type as verb | Display “Welsh word field and word type field are required” message | Error message displayed |
| SE-F-032 | FR | Add the same word to the dictionary twice | Add new word to the dictionary, try to add the same word once again | Display “The word is already in the dictionary” message | Error message displayed |
| SE-F-033 | FR | Delete newly entered word of dictionary | Press the right mouse button, click «delete» | Removing the word with its translation from the dictionary. Displays updated list. /deleting word from json file | List displayed correctly. The word is removed. |
| SE-F-034 | FR | Add word to your revision list | Double click on word you want to add | Word is added to revision list, marked as added? | Revision list updated correctly |
| SE-F-035 | FR | Check if it is case insensitive | Type «Helo» in the searching bar | Display «helo» | Word is found and displayed correctly |

**1.5 Practice list**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-036 | FR | Delete word from the practise list | Double click on the word you want to delete | Word is removed from the practise list | Practise list updated correctly |
| SE-F-037 | FR | Delete word from the practise list | Right click on the word you want to delete, press «delete» | Word is removed from the practise list | Practise list updated correctly |

**1.6 Settings**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-038 | FR | Change the size of the font | Set font as «medium» | Font in the app changed to 18 pixels | Text displayed correctly |
| SE-F-039 | FR | Change the size of the font | Set font as «small» | Font in the app changed to 12 pixels | Text displayed correctly |
| SE-F-040 | FR | Change the size of the font | Set font as «large» | Font in the app changed to 28 pixels | Text displayed correctly |
| SE-F-041 | FR | 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 | Settings updated correctly |
| SE-F-042 | FR | 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 | Settings updated correctly |
| SE-F-043 | FR | 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 | Settings updated correctly |
| SE-F-044 | FR | 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 | Settings updated correctly |
| SE-F-045 | FR | 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 | Settings updated correctly |
| SE-F-046 | FR | 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 | Settings updated correctly |
| SE-F-047 | FR | Change the language that you would like to be quizzed in | Set language as «Welsh» | Quizzes in Welsh | Settings updated correctly |
| SE-F-048 | FR | Change the language that you would like to be quizzed in | Set language as «English» | Quizzes in English | Settings updated correctly |

**1.7 Revision**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test Content | Input | Output | Pass Criteria |
| SE-F-049 | FR | Check that the system treats correct input as a good answer in the input box | Add word «hello» to the practice list, run test, enter «helo» in the input box, press «submit» | Score increased by 1, «Well done» message displayed | Test passed successfully |
| SE-F-050 | FR | Check that the input in the box is case insensitive | Add word «hello» to the practice list, run test, enter «Helo» in the input box, press «submit» | Score increased by 1, «Well done» message displayed | Test passed successfully |
| **SE-F-051** | FR | Check that the system treats incorrect input as a wrong answer in the input box | Add word «hello» to the practice list, run test, enter «heelo» in the input box, press «submit» | Score stays the same**,** «Wrong answer» message displayed | Test failed |
| SE-F-052 | FR | Check that system takes the good answer as correct | Add word «hello» to the practice list, run test, choose «helo» from the options, press «submit» | Score increased by 1, «Well done» message displayed | Test passed successfully |
| SE-F-053 | FR | Check that system takes the wrong answer as incorrect | Add word «hello» to the practice list, run test, choose any answer apart from «helo», press «submit» | Score stays the same**,** «Wrong answer» message displayed | Test failed |