Turbo Editor

108-2 Software Testing and Verification

Midterm Presentation#6

古兆瑋(108598019)、陳冠穎(108598034)、劉孝忠(108598044)

Outline

➢ **1.** Test Scope

➢ **2.** Test Criteria

➢ **3.** Test Approach

➢ **4.** Team Information
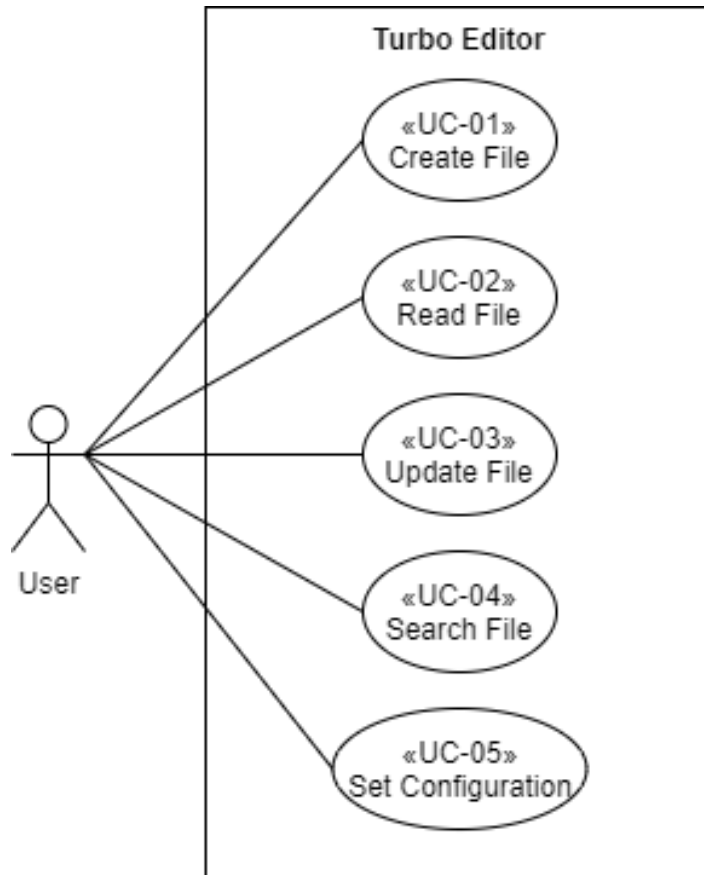
➢ **5.** Short Demo

➢ **6.** Future Works

1. Test Scope

AUT/SUT - Turbo Editor

Features To Be Tested

Feature ID	Description	Use Case
F-T-01	Create New File	Create File
F-T-02	Open File	Read File
F-T-03	Read File's Info	
F-T-04	Rename File	Update File
F-T-05	Edit File	
F-T-06	Undo Editing	
F-T-07	Redo Editing	
F-T-08	Search File with REGEX	Search File
F-T-09	Search File with MATCH CASE	
F-T-10	Search File with REPLACE	
F-T-11	Set Line Numbers	Set Configuration
F-T-12	Set Syntax Highlight	
F-T-13	Set Wrap Content	
F-T-14	Set Use Monospace	
F-T-15	Set Read Only	
F-T-16	Set Font Size	
F-T-17	Set Theme	
F-T-18	Set Accessory View	
F-T-19	Set Use the storage Access Framework	
F-T-20	Set Keyboard Suggestion and Swipe	
F-T-21	Set Auto Save	
F-T-22	Set Encoding	
F-T-23	Set Ignore Back Button	
F-T-24	Set Split The Text If Too Long	
F-T-25	Set Fullscreen Mode	
F-T-26	Set Open Last Viewed File At Startup	

2. Test Criteria

Item Pass/Fail Criteria

➢Test Item的Pass/Fail判斷標準，以一功能之敘述句，在測試執行後是否成立為Pass/Fail標準，假使功能測試執行後，使敘述句成立則Pass；反之則Fail，而本次測試之目標為使所有與Features To Be Tested有關之Test Case通過測試(Pass)。
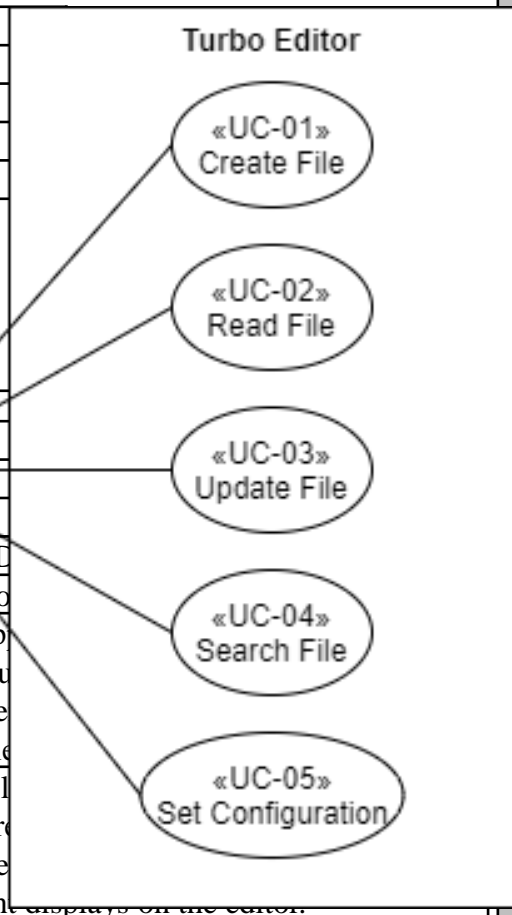
3. Test Approach

Test Tool - Appium

Test Design Specification

➢User Scenario Technique is used as our approach for the project.

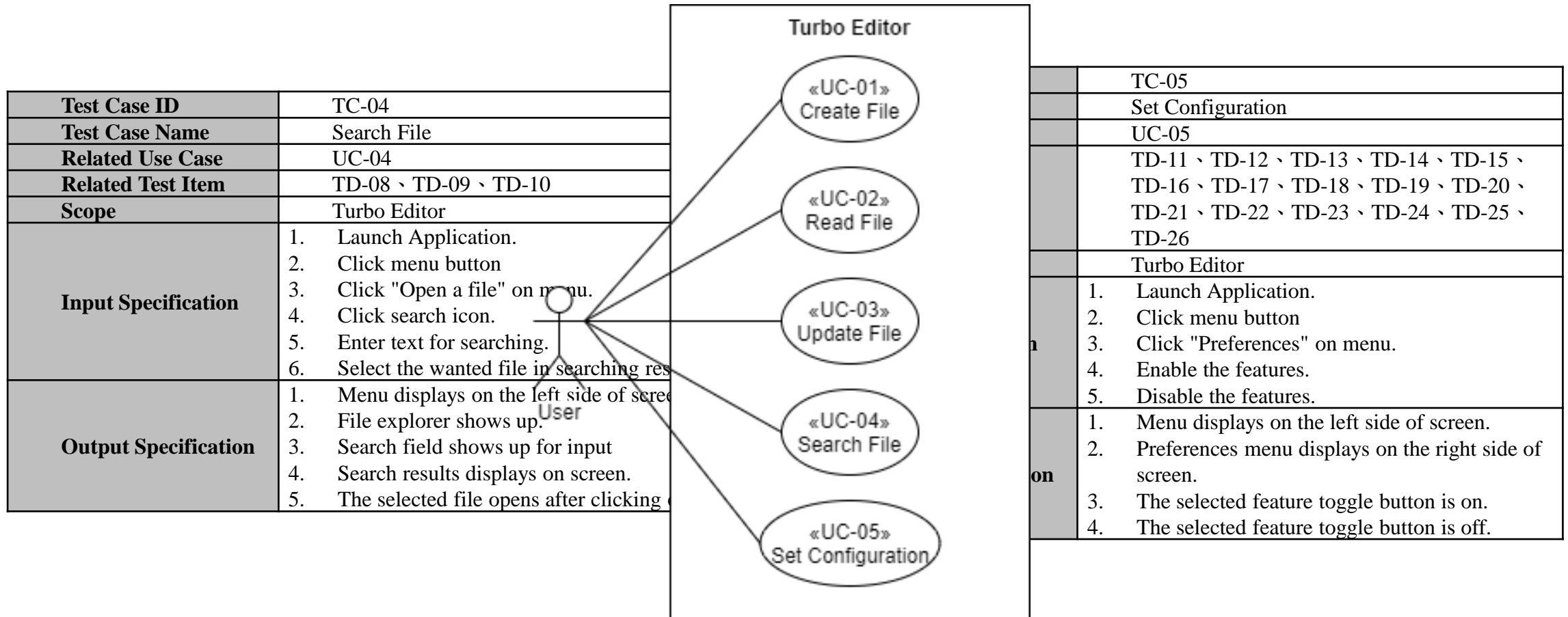➢Transform Use Case(s) into Test Case(s).

Test Case Specification

Test Case ID	TC-01
Test Case Name	Create File
Related Use Case	UC-01
Related Test Item	TD-01
Scope	Turbo Editor
Input Specification	1. Launch Application. 2. Click menu button 3. Click "New file" on menu. 4. Input file name. 5. Save the file.
Output Specification	1. Menu displays on the left side of screen. 2. ... 3. ...

Test Case ID	TC-02
Test Case Name	Read File
Related Use Case	UC-02
Related Test Item	TD-02、TD...
Scope	Turbo Edito...
Input Specification	1. Launch Ap... 2. Click menu... 3. Click "Ope... 4. Select a file...
Output Specification	1. Menu displ... 2. File explor... 3. The selecte... 4. File content displays on the editor.

Turbo Editor

«UC-01» Create File

«UC-02» Read File

«UC-03» Update File

«UC-04» Search File

«UC-05» Set Configuration

User

Test Case ID	TC-03
Test Case Name	Update File
Related Use Case	UC-03
Related Test Item	TD-04、TD-05、TD-06、TD-07
Scope	Turbo Editor
Input Specification	1. Launch Application. 2. Click menu button. 3. Click "Open a file" on menu. 4. Select an existing file to open. 5. Edit content of the opened file. 6. Click undo button. 7. Click redo button. 8. Click save button. 9. Click "Save". 10. Click menu of processing file. 11. Click rename button. 12. Enter new file name. 13. Click "OK". 14. Click menu button. 15. Click "Open a file" button. 16. Select the file just renamed. 17. Edit content. 18. Click save button. 19. Click "Save as" 20. Enter new file name. 21. Choose directory. 22. Click "SAVE". 23. Click menu button. 24. Click "Open a file" 25. Select the file just saved.
Output Specification	1. Menu displays on the left side of screen. 2. File explorer shows up. 3. The selected file opens after clicking on it. 4. Original content displays on the editor. 5. Change of content displays on the editor. 6. The change is undone after clicking undo button. 7. The change is redone after clicking redo button. 8. The menu of processing file shows up at the top-right corner of the screen. 9. Rename dialogue pops up for new file name. 10. Message of file cannot be renamed at the bottom of editor. 11. "Save as" dialogue pops up for file "Name" and "Folder". 12. File explorer shows up for choosing directory and entering name.

Test Case Specification (cont.)

			TC-05
Test Case ID	TC-04		Set Configuration
Test Case Name	Search File		UC-05
Related Use Case	UC-04		TD-11、TD-12、TD-13、TD-14、TD-15、
Related Test Item	TD-08、TD-09、TD-10		TD-16、TD-17、TD-18、TD-19、TD-20、
Scope	Turbo Editor		TD-21、TD-22、TD-23、TD-24、TD-25、
			TD-26
			Turbo Editor
Input Specification	1. Launch Application. 2. Click menu button 3. Click "Open a file" on menu. 4. Click search icon. 5. Enter text for searching. 6. Select the wanted file in searching res	n	1. Launch Application. 2. Click menu button 3. Click "Preferences" on menu. 4. Enable the features. 5. Disable the features.
Output Specification	1. Menu displays on the left side of scre 2. File explorer shows up. 3. Search field shows up for input 4. Search results displays on screen. 5. The selected file opens after clicking	on	1. Menu displays on the left side of screen. 2. Preferences menu displays on the right side of screen. 3. The selected feature toggle button is on. 4. The selected feature toggle button is off.

4. Team Information

Responsibility of Team Members

姓名	主要職稱/角色	主要職務/角色描述
古兆瑋	測試設計人員	進行測試設計，協助測試實作
陳冠穎	測試設計人員	調控專案時程，協助測試設計及實作
劉孝忠	測試實作人員	進行測試實作及環境建置

Project Activities and Plan Schedule

訓練項目	Turbo Editor 操作流程	Appium 測試方法
訓練時間	（預計於Phase 1結束以前）	
訓練地點	宏裕科技大樓1623室	
講師	劉孝忠	
學員	古兆瑋、陳冠穎	

日期/期間	行程	備註
2020/04/08	訓練Turbo Editor操作流程及Appium測試方法	無
2020/04/09 ~ 2020/04/21	撰寫Test Design Specifications (TDS) 撰寫Test Case Specifications (TCS) 籌備Midterm Presentation	無
2020/04/22	里程碑：Midterm Presentation (Phase 2 due)	無
2020/04/23 ~ 2020/05/12	達成Phase 3需求	無
2020/05/13	里程碑：Phase 3 due	無
2020/05/14 ~ 2020/06/02	達成Phase 4需求	無
2020/06/03	里程碑：Phase 4 due	無
2020/06/04 ~ 2020/06/22	達成Phase 5需求	無
2020/06/23	里程碑：Phase 5 due	無
2020/06/24 ~ 2020/06/29	籌備Final Presentation	無
2020/06/30	里程碑：Final Presentation (Final Report due)	無

5. Short Demo

6. Future Works

After Midterm Presentation

➢Revise STP, TDS, TCS according to Instructor's advice.

➢Refine Test Design or Test Case(s).

➢~~Report any bugs found~~ ~~using Github Issue~~~~(if any)~~

Q & A