

DAILY NOTE - 01

The Summary Report

Team number: 1

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2023.06.14

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1. Change Log

Version	Author	Description	Date
1	蘇柏瑋 童柏鈞 曹慶宥 林家同 許哲維	Summary Report撰寫	2023.06.14

2. Summary

2.1. Test Items

我們選擇要測試的Feature有四大項，分別是活動、搜尋、Setting、今日故事，選擇這些項目的原因是因為這些項目是「Daily Note」的主要功能，其餘沒有測試到的項目，則是因時間成本的考量或是需要用到第三方API才可以測試，因此不在本測試的範圍內。

2.2. Identity of Items Tested

活動：包含文字、圖片的新增、刪除、編輯等等。

Test Case ID	Feature	Description	Priority	Pass/Fail
TC-01	Note Created	輸入內容(文字)並建立筆記	1	Pass
TC-02	Note Created	輸入內容按取消並跳出警告	2	Pass
TC-03	Note Created	輸入內容、插入圖片、時間並建立筆記	1	Pass
TC-04	Note Created	插入圖片並建立筆記	1	Pass
TC-05	Note Created	插入時間並建立筆記	3	Pass
TC-06	Note Created	輸入內容、插入圖片、編輯標籤並建立筆記	2	Pass
TC-07	Note Updated	更新筆記的文字內容	1	Pass
TC-08	Note Updated	替換筆記的圖片	1	Pass
TC-09	Note Updated	編輯筆記的標籤	2	Pass
TC-10	Note Deleted	刪除筆記的文字內容	1	Pass
TC-11	Note Deleted	刪除整篇日記	1	Pass

搜尋：包含日記排序、圖片顯示

Test Case ID	Feature	Description	Priority	Pass/Fail
TC-12	Note Sorted	由新到舊排序已編輯的日記	2	Pass
TC-13	Note Sorted	由舊到新排序已編輯的日記	2	Pass
TC-14	Image Show	顯示所有插入筆記的圖片	2	Pass
TC-15	Image Show	按日期區間顯示所有插入筆記的圖片	3	Pass
TC-16	Image Show	按標籤顯示所有插入筆記的圖片	3	Pass

Setting：相關外觀設定。

Test Case ID	Feature	Description	Priority	Pass/Fail
TC-17	Setting Skin	設定背景與文字	2	Pass
TC-18	Setting Skin	設定背景	3	Pass
TC-19	Setting Skin	設定文字	3	Pass
TC-20	Setting Lock	設定密碼鎖	1	Pass
TC-21	Setting First Day of Week	設定一週起始日	3	Pass

今日故事：包含語言限定、保存內容等等

Test Case ID	Feature	Description	Priority	Pass/Fail
TC-22	Story Language Only	於今日故事不勾選限定語言	3	Pass
TC-23	Story Language Only	於今日故事勾選限定語言	3	Pass
TC-24	Story Copy or Save	複製今日故事的內容	2	Pass
TC-25	Story Copy or Save	保存今日故事的內容	2	Pass

3. References

- STP
- TCS
- TDS

4. Comprehensive Assessment

我們進行了所有測試計畫預期的25個測試案例，大部分的測試我們皆會使用Appium撰寫測試腳本進行測試，但部分情境，如文字外觀、背景的更改等等會進行手動測試，故所有情境皆有實作。

5. Summary of Results

我們的測試涵蓋四大功能，分別是活動、搜尋、Setting、今日故事，我們使用Appium來撰寫自動化測試，無法自動化的測試將會使用手動進行測試，並依據各種使用者情境來建立測試案例並撰寫測試腳本，以針對各個Feature進行測試，其測試內容會使用不同邊界值作為輸入。

```
testing.py::test_DontSaveCreateNote
testing.py::test_CancelCreateNote
testing.py::test_SelectPhotoAddTimeAddTextCreateNote
testing.py::test_DeleteNote
testing.py::test_SelectPhotoCreateNote
testing.py::test_AddTimeCreateNote
testing.py::test_AddLabelCreateNote
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\webdriver.py:240: DeprecationWarning: desired_capabilities has been deprecated, please pass in an Options object with options kwarg
options=options,
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 8 passed, 8 warnings in 299.18s (0:04:59) =====

testing.py::test_StroyLanguageOnly
testing.py::test_StroyLanguageNotOnly
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\webdriver.py:240: DeprecationWarning: desired_capabilities has been deprecated, please pass in an Options object with options kwarg
options=options,

testing.py::test_StroyLanguageOnly
testing.py::test_StroyLanguageNotOnly
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\common\touch_action.py:45: DeprecationWarning: [Deprecated] 'TouchAction' action is deprecated. Please use W3C actions instead.
"[Deprecated] 'TouchAction' action is deprecated. Please use W3C actions instead.", DeprecationWarning
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 2 passed, 4 warnings in 58.08s =====

testing.py::test_StroyCopy
testing.py::test_StroySave
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\common\touch_action.py:45: DeprecationWarning: [Deprecated] 'TouchAction' action is deprecated. Please use W3C actions instead.
"[Deprecated] 'TouchAction' action is deprecated. Please use W3C actions instead.", DeprecationWarning
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 2 passed, 4 warnings in 86.96s (0:01:26) =====

testing.py::test_settingsSkinAndSize
testing.py::test_settingSkin
testing.py::test_settingSize
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\webdriver.py:240: DeprecationWarning: desired_capabilities has been deprecated, please pass in an Options object with options kwarg
options=options,
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 5 passed, 5 warnings in 142.44s (0:02:22) =====

===== warnings summary =====
testing.py::test_ShowImageByTag
testing.py::test_SetFirstDayOfWeek
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\webdriver.py:240: DeprecationWarning: desired_capabilities has been deprecated, please pass in an Options object with options kwarg
options=options,
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 2 passed, 2 warnings in 50.80s =====

===== warnings summary =====
testing.py::test_NewToOld
testing.py::test_UpdateNote
testing.py::test_ChangeLabelCreateNote
c:\users\t1075\appdata\local\programs\python\python37\lib\site-packages\appium\webdriver\webdriver.py:240: DeprecationWarning: desired_capabilities has been deprecated, please pass in an Options object with options kwarg
options=options,
-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html
===== 3 passed, 3 warnings in 69.72s (0:01:09) =====
```

6. Analyze

6.1. Coverage

我們將測試計畫中預期的25個測試案例中的22個案例透過Appium完成測試腳本撰寫並且全部通過了測試。

6.2. Identity of Items Tested

根據我們所撰寫的自動化測試與手動測試的結果，我們發現在調整設定的時候偶爾會發生App閃退的情況，而在開網路的情況下，應用程式會跳出廣告並影響測試結果；經過討論將虛擬機網路關閉，可以避免跳出廣告造成測試結果錯誤的情況發生，但閃退問題暫時無法解決。