

Software Testing and Verification

Tasks

Test Case Specification

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1. Version history

Version	Date	Status	Description
1.00	2019/4/15	Draft	Initial draft
2.00	2019/4/22	Final	Finish report

2. Test case identifier

Identifier for document is **TASK-TCS-001 1.00**.

This document is associated with test plan **TASK-STP-001**.

3. Test items

根據 UseCase Diagram，除了“通知設定”、“分享”、“顯示提醒”以外，其他 Use Case 都將被測試。

4. Input / Output specifications

(TC01)Test Scenario : Quick add task	
Test Input	1. “MyTitle” 2. “”
Test Output	1. 系統顯示名稱為 MyTitle 的 Task 2. 無法新增 Task

(TC02)Test Scenario : Continuously quick add task	
Test Input	Titles: {“Task A”, “Task B”, “Task C”}
Test Output	顯示新增的三個 Task，名稱為依序輸入的內容。

(TC03)Test Scenario : Create a task	
Test Input	1. {Title: MyTask, Location: Taipei, Check List: A, B, C} 2. {Title: “”}
Test Output	1. Task Summary Page 顯示輸入的內容。 2. 沒有新增 Task

(TC04)Test Scenario : Update Title of task	
Test Input	<ol style="list-style-type: none"> {Title: “Update Title”, CheckList: A(checked), B(unchecked)} {Title: “”}
Test Output	<ol style="list-style-type: none"> Task Summary 頁面的 Title: “Update Title”, CheckList: A(checked), B(unchecked) Task 的 Title 沒有改變

(TC05)Test Scenario : Delete Task	
Test Input	確認刪除
Test Output	系統不會顯示被刪除的 Task 。

(TC06)Test Scenario : 新增 List	
Test Input	<ol style="list-style-type: none"> “MyList” “”
Test Output	<ol style="list-style-type: none"> 系統顯示 MyList 清單 無法新增 List

(TC07)Test Scenario : Delete List	
Test Input	確認刪除 List
Test Output	系統顯示的 List，沒有被刪除的 List。

(TC08)Test Scenario : 更新 List 名稱	
Test Input	<ol style="list-style-type: none"> “MyNewList” “”
Test Output	<ol style="list-style-type: none"> 對於更新的 List，系統顯示更新後的名稱 無法更新名稱

(TC09)Test Scenario : Edit Task	
Test Input	<ol style="list-style-type: none"> 1. {Title: MyTask, Location: Taipei, Check List: A, B, C} 2. {Title: ""}
Test Output	<ol style="list-style-type: none"> 1. 對於更新過的 Task，系統顯示修改後的內容 2. Title 沒有改變

(TC10)Test Scenario : Search Task	
Test Input	<ol style="list-style-type: none"> 1. "MyTask" 2. ""
Test Output	<ol style="list-style-type: none"> 1. 系統顯示 MyTask 2. 系統無顯示任何 Task

(TC11)Test Scenario : Classification	
Test Input	<ol style="list-style-type: none"> 1. { Title: t1, Priority: none, Privacy: not specified, Starting Date: Today, Due Date: Today } 2. { Title: t2, Priority: low, Privacy: public, Starting Date: Tomorrow, Due Date: Tomorrow } 3. { Title: t3, Priority: medium, Privacy: private, Starting Date: Someday, Due Date: Someday } 4. { Title: t4, Priority: high, Privacy: confidential, Starting Date: Next day(More Than One Day Than Today), Due Date: Next day(More Than One Day Than Today),
Test Output	<ol style="list-style-type: none"> 1. 可以在Priority: none, Privacy: not specified, Starting Date: Today, Due Date: Today裡看到名稱為t1的Task 2. 可以在Priority: low, Privacy: public, Starting Date: Tomorrow, Due Date: Tomorrow裡看到名稱為t2的Task 3. 可以在Priority: medium, Privacy: private, Starting Date: Someday, Due Date: Someday裡看到名稱為t3的Task 4. 可以在Priority: high, Privacy: confidential, Starting Date: Next days, Due Date: Next days裡看到名稱為t4的Task

5. Enviromental needs

1. Hardware (硬體)：

測試將被在下列硬體配置上執行：

- CPU: Intel P4 1.0 GHz.
- RAM: 256 MB.
- Hard Driver: At least 2 GB free spaces available.
- Monitor: 15' LCD, resolution: 1024 x 768, 16-bits color.
- Network Card: 100 Mbps Ethernet card.

2. Software (軟體)：

測試需要使用下列軟體：

- OS:Mac or Window 10.
- Compiler: JDK 1.8
- Project Build: Maven 3.9.
- IDE: IntelliJ 2018.
- Concurrent Versions System: Git and Github
- Bug tracking: Backlog.
- Unit testing: JUnit.
- Build Tool: Appium 1.11.0.
- Environment: Node.js 1.10 , ADB 1.0.40
- Documentation: Microsoft Word 2016 or Higher

6. Special procedural requirements

撰寫腳本並且透過我們開發的 AKB(Appium keyword base)工具執行腳本。

7. Intercase dependencies

None

8. References

- [1] IEEE Standard for Software Test Documentation, IEEE Std 829, 09/1998