Software Testing and Verification

Tasks

Test Case Specification

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# Version history

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

# Test case identifier

Identifier for document is TASK-TCS-**001 1.00**.   
This is document is associated with test plan **TASK-STP-001**.

# 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。

# Input / Output specifications

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| (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 |

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| (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。 |

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| (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 |

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| (TC04)Test Scenario : Update Title of task | |
| Test Input | 1. {Title: “Update Title”, CheckList: A(checked), B(unchecked)} 2. {Title: “”} |
| Test Output | 1. Task Summary頁面的Title: “Update Title”, CheckList: A(checked), B(unchecked) 2. Task的Title沒有改變 |

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

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| (TC06)Test Scenario : 新增List | |
| Test Input | 1. “MyList” 2. “” |
| Test Output | 1. 系統顯示MyList清單 2. 無法新增List |

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| (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。 |

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| (TC08)Test Scenario : 更新List名稱 | |
| Test Input | 1. “MyNewList” 2. “” |
| Test Output | 1. 對於更新的List，系統顯示更新後的名稱 2. 無法更新名稱 |

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| (TC09)Test Scenario : Edit Task | |
| Test Input | 1. {Title: MyTask, Location: Taipei, Check List: A, B, C} 2. {Title: “”} |
| Test Output | 1. 對於更新過的Task，系統顯示修改後的內容 2. Title沒有改變 |

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| (TC10)Test Scenario : Search Task | |
| Test Input | 1. “MyTask” 2. “” |
| Test Output | 1. 系統顯示MyTask 2. 系統無顯示任何Task |

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| (TC11)Test Scenario : Classification | |
| Test Input | 1. { Title: t1,   Priority: none,  Privacy:not specified,  Starting Date:Today,  Due Date: Today}   1. { Title: t2,   Priority: low,  Privacy: public,  Starting Date: Tomorrow,  Due Date: Tomorrow}   1. { Title: t3,   Priority: medium,  Privacy: private,  Starting Date: Someday,  Due Date: Someday}   1. { 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 | 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 |

# 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.

1. 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

# 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。

# Intercase dependencies

None

# References

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