**Software Testing and Verification**

**Test Design Specification**

*The name of the project/system:*

*TickTick*

*The team number:*

*04*

*The names of team member:*

盧家馨 106598005

李炘潤 106598020

黃靖幃 106598035

吳承軒 106598068

*The document version number:*

*03*

*The date of publication:*

*2018/06/24*

目錄

[1. Test Case Specification Identifier 3](#_Toc517646265)

[2. Features to be Tested 3](#_Toc517646266)

[3. Approach Refinements 4](#_Toc517646267)

[4. Test Identification 6](#_Toc517646268)

[5. Feature Pass/Fail Criteria 7](#_Toc517646269)

# Test Case Specification Identifier

本計畫將測試 Google Play上的Android App

Name：TickTick 4.4.02

Download：TickTick

# Features to be Tested

|  |  |
| --- | --- |
| Feature to Test | Test Description |
| 代辦事項 (CRUD) | 分別測試兩種進入點 Task & Calendar  對其代辦事項基本操作：Create, Read, Update, Delete |
| 完成代辦事項 | 測試完成待辦事項的功能 |
| 列出分類事項 | 測試列出分類事項的功能 |
| Pomo 設定 | 測試Pomo 設定的各個子項目操作 |
| Pomo 運作 | 測試Pomo 運作是否正確 |
| 設定安全鎖 | 測試是否能設定該App的安全鎖 |
| 移除安全鎖 | 測試是否能移除App的安全鎖 |

# Approach Refinements

此處列出ISP test case design

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Params | Characteristic  ID | Characteristic  Description | Partitions  (Blocks) |
| inbox | inbox name | C1,  C2,  C3,  C4,  C5,  C6 | C1: 一般字 ”string”,  C2: null,  C3: 正整數,  C4: 負整數,  C5: tag開頭符號(#),  C6: 一般符號 | C1: {inbox name =’string’},  C2: {inbox name = null},  C3: { inbox name = 88},  C4: { inbox name = -88},  C5: { inbox name = ‘#’},  C6: { inbox name = ‘@’} |

( 參考下頁 )

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tag | tag name | C1,  C2,  C3,  C4,  C5 | C1: 一般字串”normal\_tag”,  C2: null,  C3: 正整數,  C4: 負整數,  C5: 符號 | C1: {inbox name =’ normal\_tag},  C2: {inbox name = null},  C3: { inbox name = positive\_tag},  C4: { inbox name = negative\_tag},  C5: { inbox name = ‘symbol\_tag’} |
| date | Date | C1,  C2,  C3,  C4,  C5,  C6,  C7,  C8,  C9,  C10,  C11 | C1: 月正常日正常,  C2: 月0日正常,  C3: 月>12日正常,  C4: 月<1日正常,  C5: 月字串日正常,  C6: 月null日正常  C7: 月正常日>31,  C8: 月正常日<1,  C9: 月正常日字串,  C10: 月正常日null,  C11: 日期不在月曆上 | C1: { Date =1/10},  C2: { Date = 0/10},  C3: { Date = 13/10},  C4: { Date =-1/10},  C5: { Date =S/10},  C6: { Date =null/10},  C7: { Date =10/32},  C8: { Date =10/-10},  C9: { Date =10/S},  C10: { Date =10/null},  C11: { Date =6/31}, |
| time | Time | C1,  C2,  C3,  C4,  C5,  C6,  C7,  C8,  C9,  C10 | C1: 時正常分正常  C2: 時>24分正常  C3: 時<0分正常,  C4: 時字串分正常,  C5: 時null分正常,  C6: 時正常分>59  C7: 時正常分<0,  C8: 時正常分>60,  C9: 時正常分null,  C10: 時正常分字串, | C1: { Time = 00:00 },  C2: { Time = 25:00},  C3: { Time = -1:00},  C4: { Time =one:00},  C5: { Time =null:00},  C6: { Time =00:60},  C7: { Time =00:-10},  C8: { Time =00:61},  C9: { Time =00:null},  C10: { Time =00:S} |

# Test Identification

|  |  |  |
| --- | --- | --- |
| Feature to be Tested | Test Case ID | Description |
| 代辦事項  CRUD | TC-01 | 新增代辦事項 ( Task Detection ) |
| TC-02 | 新增代辦事項 ( Task General ) |
| TC-03 | 修改代辦事項 ( Task ) |
| TC-04 | 完成代辦事項 ( Task ) |
| TC-05 | 刪除代辦事項 ( Task ) |
| TC-06 | 新增代辦事項 ( Calendar ) |
| TC-07 | 修改代辦事項 ( Calendar ) |
| TC-08 | 完成代辦事項 ( Calendar ) |
| TC-09 | 刪除代辦事項 ( Calendar ) |
| 分類事項 | TC-10 | 列出分類事項 |
| TC-11 | 查詢代辦事項 |
| Pomo | TC-12 | Pomo Setting & Run ( all close ) |
| TC-13 | Pomo Setting & Run ( all open ) |
| 安全鎖 | TC-14 | 設定安全鎖 |
| TC-15 | 移除安全鎖 |

# 

# Feature Pass/Fail Criteria

通過測試標準，針對每個Feature規劃出的測試案例，應該要全部通過。