



**Document Change Record**

This page records any updates and revisions made to the IrisCapture+ Test plan.

| **Doc ver.** | **Date** | **Change Description** | **Software ver.** |
| --- | --- | --- | --- |
| 1.0 | 2022 Mar01 | iricapture+.aar |  |
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# Introduction

The purpose of the IriTechLicense app is to help license server save the Android\_ID which has resetted and know which is the new value of Android\_ID after factory reset. It’ll help to count the license device for customer Use Android\_ID for  Android 10/11

## Objectives(Mục tiêu)

Client use backup and restore the license before factory reset, package name change, key sign package change.

Features to be tested: backupLicense, restoreLicense

## Testing Strategy(Chiến lươc kiểm thử)

## Strategy to build Test case:

## All Frontend and Backend functions must write test cases

## Test device according to android version

## Focus on testing on Android devices version 10, 11

## Then test on android device version < 10

## Resource strategy:

## Test: Responsible for testing the Functions, Interfaces

## Review the results and discuss with the developer

## Test priority order:

## Prioritize functional testing because the interface is not completed

* Interface: Execute Manual test

## Scope(Phạm Vi)

* 1. Functional requirements for test execution:
* Frontend: Backup License button, Restore License button (interface testing)
* Backend: Unit Testing 2 functions: bakupLicense and restoreLicense
* 2. Test execution environment:
* Server: Develop support
* Device: Android device
* Android studio

## Related Documents

https://docs.google.com/document/d/1EInSBrR5EWn2qtqaj3TeoI7jgSByrGwk/edit#

## Definitions and Acronyms

## Schedule and Milestones and Deliverables

| No | Milestone Task | Effort (Hour) | Assign to | Deliverables | Delivery date | Note |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Create Test Plan | 8 | HueVo | IriTechLicense Testplan.docx | 02/03/2022 |  |
| 2 | Create Test case File  (Test Functure ) | 2 | HueVo | IriTechLicense.xlsx | 02/03/2022 |  |
| 3 | Create Test case on Unit Android Testing | 4 | HueVo | ExampleInstrumentedTest.java | 02/03/2022 |  |
| 4 | Execute Test case Android Testing | 8 | HueVo | ExampleInstrumentedTest.java | 02/03/2022 |  |
| 5 | Make test report |  | HueVo | WhatApp and PMWeb on ticket 385 | 02/03/2022 |  |
| 6 | Create Test case File  (Interface Testing) | 2 |  |  | 3/3/2023 |  |
| 7 | Interface Testing Manual | 8 | HueVo |  |  | Waiting develop release app |

# Resource Requirements

| No. | Name | Rule | Task |
| --- | --- | --- | --- |
| 1 | HueVo | Tester | - Analyzing project requirements, synthesizing related documents  - Work planning  - Create Unit Android Test case and execute test  - Make test report |
| 2 | HueVo | Tester | - Test the interface as required  - Test the function as required  - Create Test cases (Manual Test UI)  - Make test report |
| 3 | Mr Nien, Mr Hung | Developer | – Review of test documents  – Review report |
|  |  |  |  |
|  |  |  |  |

## Hardware

## Android devices version 7, 8, 9,10, 11

## Software

* iricapture+.aar lib: using Unit Android Testing
* iricapture+.apk: UI testing

### Test Tool

* Unit Android Testing: Android studio
* Test Plan : DOC
* Test Case: MSExcel
* Result Test: MSExcel

## Staffing

* Tester

### Responsibilities

### Training

# Stage of Test

| Test Types | Unit test | Integration | System | Acceptance |
| --- | --- | --- | --- | --- |
| Interface Test | x |  | x | x |
| Functional Test | x |  | x | x |
| Load test |  |  | x | x |
| Usability test |  |  | x | x |

# Testing standard

| Start condition test | - Round 1: When the developer has completed 70% of the modules, Unit testing has been done  - Set up environment, configure for testing  - Round 2: Test 30% of the remaining modules, and retest the bugs in round 1  - Round 3: Retest the bugs in Round 2 |
| --- | --- |
| When stop test | - Complete test  - All bugs must be credited to an agreed solution. No more bugs with Medium level or higher |
| Standard success test | - Satisfy the functional requirements of the software  - Satisfying user requirements |
| When does test recurrent | - Get new libs and new app from developer  - At the request of developer |

# Features To Be Tested

## New Features Testing

* backupLicense
* restoreLicense

## Regression Testing

# Features Not To Be Tested

# Dependencies/Risks

# Entrance/Exit Criteria

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