**Emergency Information on Mobile**

Test Record

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**Aj.Chartchai Doungsa-ard**

**Document History**

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| **EIOM- Test Record -V.0.2.docx** | **Chapter 2**      Server Part Unit Testing Record | Draft | 16/6/2014 | PJ, SK, CD | PJ, SK | PJ, SK |
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PJ – Putchakarn Jaikon, SK – Sawatdiporn Kitirot, CD – Chartchai Doungsa-ard

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# Chapter One | Introduction

## Purpose

The purpose of test record for Emergency Information on Mobile project is for recording the actual result and pass/fail criteria of each test case that have designed in the test plan and executed.

This document will include Unit Testing Record which contains Test date, Person who responsibility of Testing Record and Testing Record Table.

**Test Record** is a document, which recording the actual result of each test case that have designed in the test plan.

## Responsibility

|  |  |
| --- | --- |
| **Item** | **Responsibility** |
| Record unit test of web application (Server Part) | Sawatdiporn |
| Record unit test of mobile application (Mobile Part) | Putchakarn |

# Chapter Two| Unit Testing Record

## 2.1 Server Part Unit Testing Record

**2.1.1 Class name for testing**: HelpPlaceServiceImpl

**Unit Test Case 1 (UTC-01):** getHelpPlaces():List<HelpPlace>

**Test date:** 04/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of help place object** | **List of help place object** |
| **ID** | **ID** |
| 1 | Test get all help place in database | 1,2,3,4,5 | 1,2,3,4,5 | Pass |

**Unit Test Case 2 (UTC-02):** findById(Integer id):HelpPlace

**Test date:** 04/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | | | | | | | | |
| **Help place object** | | | | | | | | |
| **Name** | **Address** | **District** | **Province** | **Zip code** | **Phone Number** | **Latitude** | **Longitude** | **Category** |
| 1 | Test find help place by input ID which is in database | Maharaj Nakorn Chiang Mai Hospital | 10 Suthep Rd | Mueang Chiang Mai | Chiang Mai | 50200 | 053111111 | 18.789602 | 98.974209 | Hospital |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Actual Result** | | | | | | | | | **Pass/Fail** |
| **Help place object** | | | | | | | | |
| **Name** | **Address** | **District** | **Province** | **Zip code** | **Phone Number** | **Latitude** | **Longitude** | **Category** |
| 1 | Maharaj Nakorn Chiang Mai Hospital | 10 Suthep Rd | Mueang Chiang Mai | Chiang Mai | 50200 | 053111111 | 18.789602 | 98.974209 | Hospital | Pass |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **Help place object** | **Help Place object** |
| 2 | Test find help place by input ID which is not in database | null | null | Pass |

**Unit Test Case 3 (UTC-03):** updateHelpPlace(HelpPlace helpPlace):HelpPlace

**Test date:** 04/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | | | | | | | | |
| **Help place object** | | | | | | | | |
| **Name** | **Address** | **District** | **Province** | **Zip code** | **Phone Number** | **Latitude** | **Longitude** | **Category** |
| 1 | Test update help place into database | Maharaj Nakorn Chiang Mai Hospital | 10 Suthep Rd | Mueang Chiang Mai | Chiang Mai | 50200 | 053111111 | 18.789602 | 98.974209 | Hospital |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Actual Result** | | | | | | | | | **Pass/Fail** |
| **Help place object** | | | | | | | | |
| **Name** | **Address** | **District** | **Province** | **Zip code** | **Phone Number** | **Latitude** | **Longitude** | **Category** |
| 1 | Maharaj Nakorn Chiang Mai Hospital | 10 Suthep Rd | Mueang Chiang Mai | Chiang Mai | 50200 | 053111111 | 18.789602 | 98.974209 | Hospital | Pass |

**Unit Test Case 4 (UTC-04):** deleteHelpPlace(HelpPlace helpPlace):boolean

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **Boolean** | **Boolean** |
| 1 | Test delete help place in database | true | true | Pass |
| 2 | Test delete help place in database | true | true | Pass |
| 3 | Test delete help place which not in database | false | false | Pass |

**Unit Test Case 5 (UTC-05):** getHelpPlacesByCategory(Integer categoryId)**:**List<HelpPlace>

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of help place object** | **List of help place object** |
| **ID** | **ID** |
| 1 | Test get help place by input category id | 1,2,3 | 1,2,3 | Pass |
| 2 | Test get help place by input category id | 5 | 5 | Pass |
| 3 | Test get help place by input category id which is not in database | null | null | Pass |

**Unit Test Case 6 (UTC-06):** getHelpPlacesByProvince(Integer provinceId)**:**List<HelpPlace>

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of help place object** | **List of help place object** |
| **ID** | **ID** |
| 1 | Test get help place by input province id | 1,2,5 | 1,2,5 | Pass |
| 2 | Test get help place by input province id | 4 | 4 | Pass |
| 3 | Test get help place by input province id which is not in database | null | null | Pass |

**Unit Test Case 7 (UTC-07):** getHelpPlacesByCategoryAndProvince(Integer categoryId,Integer

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of help place object** | **List of help place object** |
| **ID** | **ID** |
| 1 | Test get help place by input category id and province id | 1, 2 | 1, 2 | Pass |
| 2 | Test get help place by input category id and province id | 3 | 3 | Pass |
| 3 | Test get help place by input category id and province id which is not in database | null | null | Pass |
| 4 | Test get help place by input category id and province id which is not in database | null | null | Pass |

**2.1.2 Class name for testing**: CategoryServiceImpl

**Unit Test Case 8 (UTC-08):** getCategories():List<Category>

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of province object** | **List of province object** |
| **ID** | **ID** |
| 1 | Test get all categories in database | 1, 2, 3 | 1, 2, 3 | Pass |

**Unit Test Case 09 (UTC-09):** getCategoryById (Integer id): Category

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **Category object** | **Category object** |
| **ID** | **ID** |
| 1 | Test find category by input ID which is in database | 1 | 1 | Pass |
| 2 | Test find category by input ID which is not in database | null | null | Pass |

**2.1.3 Class name for testing**: ProvinceServiceImpl

**Unit Test Case 10 (UTC-10):** getProvinces():List<Province>

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **List of province object** | **List of province object** |
| **ID** | **ID** |
| 1 | Test get all provinces in database | 1, 2, 3 | 1, 2, 3 | Pass |

**Unit Test Case 11 (UTC-11):** getProvinceById (Integer id):Province

**Test date:** 05/07/2014

**Tested by:** Sawatdiporn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **Province object** | **Province object** |
| **ID** | **ID** |
| 1 | Test find province by input ID which is in database | 1 | 1 | Pass |
| 2 | Test find province by input ID which is not in database | null | null | Pass |

## 2.2 Mobile Part Unit Testing Record

**2.2.1 Class name for testing**: HelpPlaceServiceImpl

**Unit Test Case 12 (UTC-12):** testGetHelpPlaceByJsonOBJ (JSONObject jsonOBJ):JSONArray

**Test date:** 05/07/2014

**Tested by:** Putchakarn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** |  | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **Description** | **Size of JSON Array** | **Size of JSON Array** |
| 1 | Test to get JSON array size by input JSON object | 1 | 1 | Pass |

**Unit Test Case 13 (UTC-13):** testGetHelpPlaceByJsonOBJ (JSONObject jsonOBJ):JSONArray

**Test date:** 05/07/2014

**Tested by:** Putchakarn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Case** |  | **Expected Result** | **Actual Result** | **Pass/Fail** |
|  | **Size of HelpPlace Array** | **Size of HelpPlace Array** |
| 1 | Test get help place array’s size | 5 | 5 | Pass |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Description** | **Expected Result** | | | | | |
| **HelpPlace object** | | | | | |
| **Id** | **Name** | **Address** | **Phone Number** | **Latitude** | **Longitude** |
| 1 | Test to get help place object from device database | 1 | Maharaj Nakorn Chiang Mai Hospital | 110 Suthep Rd, Mueang Chiang Mai District, Chiang Mai | 053947700 | 18.789602 | 98.974209 |
| 2 | Test to get help place object from device database | 2 | Lanna Hospital | Chang Phuak Amphoe Mueang Chiang Mai, Chang Wat Chiang Mai | 053999758 | 18.812723 | 98.991151 |
| 3 | Test to get help place object from device database | 3 | Muang Chiang Mai Police Station | Si Phum Mueang Chiang Mai District, Chiang Mai | 053276040 | 18.788341 | 98.984755 |
| 4 | Test to get help place object from device database | 4 | Chang Phueak Police Station | Mueang Chiang Mai District, Chiang Mai | 053218443 | 18.818822 | 98.975520 |
| 5 | Test to get help place object from device database | 5 | Kriangkrai Konlakan Garage | 7/2, See Ping Mueang Road, Tambon Chang Khlan, Amphoe Mueang, Chiang Mai | 053244599 | 18.771195 | 98.983062 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Actual Result** | | | | | | **Pass/Fail** |
| **HelpPlace object** | | | | | |
| **Id** | **Name** | **Address** | **Phone Number** | **Latitude** | **Longitude** |
| 1 | 1 | Maharaj Nakorn Chiang Mai Hospital | 110 Suthep Rd, Mueang Chiang Mai District, Chiang Mai | 053947700 | 18.789602 | 98.974209 | Pass |
| 2 | 2 | Lanna Hospital | Chang Phuak Amphoe Mueang Chiang Mai, Chang Wat Chiang Mai | 053999758 | 18.812723 | 98.991151 | Pass |
| 3 | 3 | Muang Chiang Mai Police Station | Si Phum Mueang Chiang Mai District, Chiang Mai | 053276040 | 18.788341 | 98.984755 | Pass |
| 4 | 4 | Chang Phueak Police Station | Mueang Chiang Mai District, Chiang Mai | 053218443 | 18.818822 | 98.975520 | Pass |
| 5 | 5 | Kriangkrai Konlakan Garage | 7/2, See Ping Mueang Road, Tambon Chang Khlan, Amphoe Mueang, Chiang Mai | 053244599 | 18.771195 | 98.983062 | Pass |