**The Chiang Mai Red Taxi**

**Service Assistant**

**Test Record**

**By**

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**Chapter One | Introduction**

**Introduction**

This Test plan document is the document to describe plan of testing and methodologies that are used in testing The Chiang Mai Red Taxi Service Assistant.

**Purpose**

The purpose of Test Plan describes the plan for unit testing and system test of The Chiang Mai Red taxi Service Assistant system. This document includes test cases for unit testing and system testing, and test data. The Chiang Mai Red taxi Service Assistant test plan consists of the description of each function in the system. From the result of each function can help developer to fix the defects and reducing the cost of the long term maintenance.

**Scope**

The Scope the plan document covers all the events and activities involving the verification of the Chiang Mai Red taxi Service Assistant and System requirements. The unit testing is used to detect the defects in the system. The system testing is used to verify that the system is fully integrated and meets all of the user requirements specified in the Software Requirement Specification.

**Acronyms and Definitions**

**Acronyms**

PMP Project Management Plan

SDD Software Design Document

SRS Software Requirement Specification

UC Use Case

UI User Interface

UTC Unit Test Case

STC System Test Case

**Definitions**

Feature Transformation of input parameters to output parameters based on a specified algorithm. It describes the functionality of a produce in the language of the product. Used for requirements analysis, design, coding, testing or maintenance. [IEEE90]

Design The period of time in the software life cycle during which the designs for architecture, software component, interfaces and data are created, documented, and verified to satisfy requirements. [IEEE90]

IEEE Institute for Electrical and Electronics Engineers. Biggest global interest group for engineers of different branches and for computer scientists. [IEEE90]

Requirement (1) A condition or capability needed by a user to solve a problem or achieve an objective. (2) A condition or capability that must be met or processed by system or system component to satisfy a contract, standard, specification, or other formally imposed document. (3) A documented representation of a condition or capability as in definition (1) or (2). [IEEE90]

Specification Precise description of an activity or work product which serves as basis or input for further activities or work product. A specification can comprise requirements to a product and how they will be solved. Different parts of a specification (e.g. what is to be done, how it will be done) must not be mixed. [IEEE90]

White box testing Testing process that focus on internal structure. The tester should know the code inside the program and test it through the code and determines the appropriate outputs.

Black box testing Process, device or system that focus on input, output and transfer characteristics without knowledge about it internal structure.

Unit Testing A level of the software testing process where individual units/components of a software/system are tested. The purpose is to validate that each unit of the performs as designed.

System testing A level of the software testing process where a complete, integrated system/software is tested. The purpose of this test is to evaluate the system's compliance with the specified requirements.

**Abbreviation**

Unit Test Case-xx Unit test case number

System Test Case-xx System test case number

**Dependency Document**

This Test Plan is depended on the following documents

* Software Project Management plan
* Software Requirement Specification
* Software Design Document
* Traceability Record

**Chapter Two | Test Plan and Test Procedure**

**Test Objectives**

The objectives of The Chiang Mai Red taxi Service Assistant are to ensure that the system fulfills the followings:

* Bugs and defects are detected and fixed.
* All user requirements are met.
* All functionalities and features are provided.
* All functionalities and features conform to the descriptions in the Project Requirement Specification and the Project Design Specification.

**Scope of Testing**

The Chiang Mai Red taxi Service Assistant will be tested using both white-box testing technique (i.e. unit testing) and black-box testing technique (i.e. system testing). The test results will be documented in the Test Record.

**Test Duration**

|  |  |
| --- | --- |
| **Progress** | **Date and Duration** |
| Progress Report I | Perform date: 1 July 2014-30 July 2014  Duration: 30 days |
| Progress Report II | Perform date:-  Duration:- |
| Final Progress | Perform date:-  Duration:- |

**Test Responsibility**

|  |  |
| --- | --- |
| **Item** | **Responsibility** |
| Unit Test | Kanittee, Pimchittra |
| Unit Test Record | Kanittee, Pimchittra |
| Integration Test | Kanittee, Pimchittra |
| Integration Test Record | Kanittee, Pimchittra |
| System Test | Kanittee, Pimchittra |
| System Test Record | Kanittee, Pimchittra |

**Test Strategy**

The Chiang Mai red taxi service assistant test strategy will ne follow by:

1.Design test case for each feature.

2.Prepare test data each feature.

3.Determine expected results.

4.Perform testing on individual features.

5.Result of testing will be record.

6.All test files will be store in the project repository

**Result of Testing**

In the test record the test result will separate into two parts, which are:

1.Actual output: The actual outputs that are performed by each test case.

2.Pass/Fail criteria:

2.1 Pass: the result of actual result is same like expected result.

2.2 Fail: the result of actual result is not same like expected result.

**Test Environment**

**Hardware**

-Computer : Lenovo Windows 7 500GB HDD, 2GB DDR3 memory

-Smart Phone : Lenovo A316i android operating system 4.2.2

**Software**

-Java Android SDK 4.0

-Google map V.3

-PHP

-JSON

**Unit Test Record -Driver side**

**UTC 01- onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 02- addListenerOnButton()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 03- onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 04 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 05 - showOnMap(double lat,double lng)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 06 - updatePosition()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 07- createDestSpinner()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 08 - addListenerOnButton()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 09 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 10 - createDestListView(ListView view,String url,String type)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 11 - testupdateChatStatus()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 12 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**Unit Test Case-Passenger side**

**UTC 13 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 14 - addListenerOnButton()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 15 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 16 - onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 17 - showOnMap(double lat,double lng)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 18- createDestSpinner()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 19- addListenerOnButton()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 20- onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 21- createDestListView(ListView view,String url,String type)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 22- testupdateChatStatus()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**UTC 23-** **onCreate(Bundle savedInstanceState)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | True | True | Pass |

**Unit Test Case –PHP side**

**UTC 24 - $conn = mysql\_connect (‘localhost’, ’theredta\_usr’, ‘theredta\_pwd’);**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been query into the database | the data has been query into the database | Pass |
| 2 | the data has been query into the database | the data has been query into the database | Pass |
| 3 | the data has not been query into the database | the data has not been query into the database | Pass |
| 4 | the data has not been query into the database | the data has not been query into the database | Pass |

**UTC 25- $conn\_db = mysql\_select\_db('theredta\_db', $conn);**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been query into the database (tdriver) | the data has been query into the database (tdriver) | Pass |
| 2 | the data has been query into the database (tpassenger) | the data has been query into the database (tpassenger) | Pass |
| 3 | the data has not been query into the database | the data has not been query into the database | Pass |
| 4 | the data has not been query into the database | the data has not been query into the database | Pass |

**UTC 26- Blank\_to\_Null ($strChk)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “null” in database | display “null” in database | Pass |
| 2 | display “null” in database | display “null” in database | Pass |
| 3 | display “1111”and “xxx” | display “1111”and “xxx” | Pass |

**UTC 27- Blank\_to\_Text ($strChk,$strChange)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “140522034348” and “jay” | display “140522034348” and “jay” | Pass |
| 2 | display “140602035531”  and “park” | display “140602035531”  and “park” | Pass |
| 3 | display “null” | display “null” | Pass |

**UTC 28 - FixInputText($chr\_Start,$chr\_End)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “140522034348” | display “140522034348” | Pass |
| 2 | display “140602035531” | display “140602035531” | Pass |
| 3 | cannot display elements | cannot display elements | Pass |
| 4 | display “null” | display “null” | Pass |

**UTC 29 - Get\_Value($sField,$sTable,$sConditional)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates in database | the data has been updates in database | Pass |
| 2 | the data has been updates in database | the data has been updates in database | Pass |
| 3 | the data has not been updates in database | the data has not been updates in database | Pass |
| 4 | the data has not been updates in database | the data has not been updates in database | Pass |

**UTC 30- Count\_value($sField,$sTable,$sConditional)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data is count in row of database | the data is count in row of database | Pass |
| 2 | the data is count in row of database | the data is count in row of database | Pass |
| 3 | the data is not count in row of database | the data is not count in row of database | Pass |

**UTC 31 - Sum\_value($sField,$sTable,$sConditional)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the result of data has been summary in database | the result of data has been summary in database | Pass |
| 2 | the result of data has been summary in database | the result of data has been summary in database | Pass |
| 3 | the result of data has not been summary in database | the result of data has not been summary in database | Pass |

**UTC 32- GenID($sField,$stable,$nCount)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates into database | the data has been updates into database | Pass |
| 2 | the data has been updates into database | the data has been updates into database | Pass |
| 3 | the data has not been updates into database | the data has not been updates into database | Pass |

**UTC 33- Create\_Combo1Display($sSelected,$sFiled1,$sFiled2,$sTable,$sCondition)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “Chiang Mai gate” and “Chiang Mai University” in combo list | display “Chiang Mai gate” and “Chiang Mai University” in combo list | Pass |
| 2 | display “Ping River” in combo list | display “Ping River” in combo list | Pass |

**UTC 34 - date\_now($split)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been display “ 2014-06-17” | the data has been display “ 2014-06-17” | Pass |
| 2 | the data has been display “ 2007-04-03” | the data has been display “ 2007-04-03” | Pass |
| 3 | the data has not been display | the data has not been display | Pass |

**UTC 35- ShowMode($sActMode)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “add” action on site. | display “add” action on site. | Pass |
| 2 | display “edit” action on site. | display “edit” action on site. | Pass |

**UTC 36 - Quote($str)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been selected | the data has been selected | Pass |
| 2 | the data has been deleted from the database | the data has been deleted from the database | Pass |

**UTC 37 - RepSearch($str)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data display “^” | the data display “^” | Pass |
| 2 | the data display “%” | the data display “%” | Pass |
| 3 | the data has not been display | the data has not been display | Pass |

**UTC 38 - cancellink($srefer,$sdefault)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been clear | the data has been clear | Pass |
| 2 | the data has not been clear | the data has not been clear | Pass |

**UTC 39- ShowPictureFixSize($sType,$sSub,$IDAndJoiner,$sPic,$nWidth,$nHeight)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the picture show that size | the picture show that size | Pass |
| 2 | the picture show that size | the picture show that size | Pass |
| 3 | the picture not show | the picture not show | Pass |
| 4 | the picture not show | the picture not show | Pass |

**UTC 40 - ColorBackground($sColor,$sChoice1,$sChoice2)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the color1 has been displays | the color1 has been displays | Pass |
| 2 | the color2 has been displays | the color2 has been displays | Pass |
| 3 | not display any background color | not display any background color | Pass |

**UTC 41 - Chk\_Order($strField)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been show stable status | the data has been show stable status | Pass |
| 2 | the data has been show stable status | the data has been show stable status | Pass |
| 3 | the data has not been show stable status | the data has not been show stable status | Pass |

**UTC 42 - Show\_Order($strField)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been display on screen | the data has been display on screen | Pass |
| 2 | the data has been display on screen | the data has been display on screen | Pass |
| 3 | the data has not been display on screen | the data has not been display on screen | Pass |

**UTC 43 - convert\_deDateThai($Date)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been display “ 2557-01-10” | the data has been display “ 2557-01-10” | Pass |
| 2 | the data has been display “ 2557-04-23” | the data has been display “ 2557-04-23” | Pass |
| 3 | the data has not been displays. | the data has not been displays. | Pass |

**UTC 44 - $request\_status =Get\_Value("request\_status","trequest"," where pass\_id='".$\_SESSION['pass\_id']."' and driver\_id='".$\_SESSION['driver\_id']."' ")**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the request status displays “1” on database | the request status displays “1” on database | Pass |
| 2 | the request status displays “2” on database | the request status displays “2” on database | Pass |
| 3 | the request status displays “3” on database | the request status displays “3” on database | Pass |
| 4 | the request status not displays on database | the request status not displays on database | Pass |

**UTC 45 - isset($\_POST['pass\_id']) && $\_POST['pass\_id']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been update status of passenger in database | the data has been update status of passenger in database | Pass |
| 2 | the data has been update status of passenger in database | the data has been update status of passenger in database | Pass |
| 3 | the data has been not update status of passenger in database | the data has been not update status of passenger in database | Pass |

**UTC 46 - isset($\_POST['driver\_lat']) && $\_POST['driver\_lat']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the latitude has been update into database | the latitude has been update into database | Pass |
| 2 | the latitude has been update into database | the latitude has been update into database | Pass |
| 3 | the latitude has not been update into database | the latitude has not been update into database | Pass |

**UTC 47- isset($\_POST['driver\_lng']) && $\_POST['driver\_lng']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the longitude has been update into database | the longitude has been update into database | Pass |
| 2 | the longitude has been update into database | the longitude has been update into database | Pass |
| 3 | the longitude has not been update into database | the longitude has not been update into database | Pass |

**UTC 48- getData\_Form()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data form has been displays. | the data form has been displays. | Pass |
| 2 | the data form has been displays. | the data form has been displays. | Pass |
| 3 | the data form has not been displays. | the data form has not been displays. | Pass |
| 4 | the data form has not been displays. | the data form has not been displays. | Pass |

**UTC 49 - Update\_Data($sUpdateMode)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates correctly into the database | the data has been updates correctly into the database | Pass |
| 2 | the data has not been updates correctly into the database | the data has not been updates correctly into the database | Pass |

**UTC 50- isset($\_POST['send\_msg']) && $\_POST['send\_msg']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | passenger get the message “xxx” | passenger get the message “xxx” | Pass |
| 2 | passenger get the message “tttt” | passenger get the message “tttt” | Pass |
| 3 | passenger cannot get the message | passenger cannot get the message | Pass |

**UTC 51- isset($\_POST['avialable\_seat']) &&$\_POST['avialable\_seat']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates into database | the data has been updates into database | Pass |
| 2 | the data has been updates into database | the data has been updates into database | Pass |
| 3 | the data has not been updates into database | the data has not been updates into database | Pass |

**UTC 52- isset($\_POST['last\_destination']) && $\_POST['last\_destination']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates into database | the data has been updates into database | Pass |
| 2 | t the data has been updates into database | t the data has been updates into database | Pass |
| 3 | the data has not been updates into database | the data has not been updates into database | Pass |

**UTC 53- $start\_lat = Get\_Value("pass\_lat","tpassenger\_position","where pass\_id='$\_REQUEST[pass\_id]' ");**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the latitude has been display on database | the latitude has been display on database | Pass |
| 2 | the latitude has been display on database | the latitude has been display on database | Pass |
| 3 | the latitude has not been display on database | the latitude has not been display on database | Pass |
| 4 | the latitude has not been display on database | the latitude has not been display on database | Pass |

**UTC 54 - $start\_lng= Get\_Value("pass\_lng","tpassenger\_position","where pass\_id='$\_REQUEST[pass\_id]' ");**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the longitude has been display on database | the longitude has been display on database | Pass |
| 2 | the longitude has been display on database | the longitude has been display on database | Pass |
| 3 | the longitude has not been display on database | the longitude has not been display on database | Pass |
| 4 | the longitude has not been display on database | the longitude has not been display on database | Pass |

**UTC 55- $sqlnear ="select CONCAT(nearby1,CONCAT(',',nearby2)) as nearby from tdestinations where destinationid='$\_REQUEST[destinationid]' ";**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the destination show nearby list | the destination show nearby list | Pass |
| 2 | the destination show nearby list | the destination show nearby list | Pass |
| 3 | the destination not show nearby list | the destination not show nearby list | Pass |

**UTC 56 - sql="select \* from tdriver where driver\_mobile='$\_POST[driver\_mobile]' and driver\_password ='$\_POST[driver\_password]**'

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data can query to the database | the data can query to the database | Pass |
| 2 | the data can query to the database | the data can query to the database | Pass |
| 3 | the data cannot query to the database | the data cannot query to the database | Pass |

**UTC 57- $sql="select \* from tpassenger where pass\_mobile='$\_POST[pass\_mobile]' and pass\_password ='$\_POST[pass\_password]' ";**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data can query to the database | the data can query to the database | Pass |
| 2 | the data can query to the database | the data can query to the database | Pass |
| 3 | the data cannot query to the database | the data cannot query to the database | Pass |

**UTC 58 - isset($\_POST['pass\_lat']) && $\_POST['pass\_lat']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the latitude has been updates into database | the latitude has been updates into database | Pass |
| 2 | the latitude has been updates into database | the latitude has been updates into database | Pass |
| 3 | the latitude has not been updates into database | the latitude has not been updates into database | Pass |

**UTC 59- isset($\_POST['pass\_lng']) && $\_POST['pass\_lng']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the longitude has been update into database | the longitude has been update into database | Pass |
| 2 | the longitude has been update into database | the longitude has been update into database | Pass |
| 3 | the longitude has not been update into database | the longitude has not been update into database | Pass |

**UTC 60- getData\_Form()**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data form has been displays. | the data form has been displays. | Pass |
| 2 | the data form has been displays. | the data form has been displays. | Pass |
| 3 | the data form has not been displays. | the data form has not been displays. | Pass |
| 4 | the data form has not been displays. | the data form has not been displays. | Pass |

**UTC 61- Update\_Data($sUpdateMode)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | The data has been updated correctly in the database | The data has been updated correctly in the database | Pass |
| 2 | The data has not been updated correctly in the database | The data has not been updated correctly in the database | Pass |

**UTC 62- isset($\_POST['send\_msg']) && $\_POST['send\_msg']!="")**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | driver get the message “aaa” | driver get the message “aaa” | Pass |
| 2 | driver get the message “yyyy” | driver get the message “yyyy” | Pass |
| 3 | driver cannot get the message | driver cannot get the message | Pass |

**UTC 63- isset($\_POST['pass\_seat']) && $\_POST['pass\_seat']!=""**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the seat has been updates into database | the seat has been updates into database | Pass |
| 2 | the seat has been updates into database | the seat has been updates into database | Pass |
| 3 | the seat has not been updates into database | the seat has not been updates into database | Pass |

**UTC 64- isset($\_POST['pass\_dest']) && $\_POST['pass\_dest']!="")**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates into database | the data has been updates into database | Pass |
| 2 | the data has been updates into database | the data has been updates into database | Pass |
| 3 | the data has not been updates into database | the data has not been updates into database | Pass |

**UTC 65- Update\_Data($sUpdateMode)**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates correctly into database | the data has been updates correctly into database | Pass |
| 2 | the data has been updates correctly into database - | the data has been updates correctly into database - | Pass |

**UTC 66-$res=mysql\_query($sql);if($row=mysql\_fetch\_assoc($res)){$picture=$row[picture]; $information=$row[information];}**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | the data has been updates into database | the data has been updates into database | Pass |
| 2 | the data has been updates into database | the data has been updates into database | Pass |
| 3 | the data has not been updates into database | the data has not been updates into database | Pass |

**System Test Record**

**STC 01- Passenger can register to the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | display error message that wrong data | display error message that wrong data | Pass |
| 3 | display error message that user must input data | display error message that user must input data | Pass |

**STC 02- Passenger can log in to the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | display error message that wrong data | display error message that wrong data | Pass |
| 3 | display error message that user must input data | display error message that user must input data | Pass |

**STC 03- Passenger can log out from the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to log in page. | Redirect to log in page. | Pass |

**STC 04- Passenger can search for the red taxi.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display the list of red taxi | display the list of red taxi | Pass |
| 2 | display error message with input wrong data | display error message with input wrong data | Pass |
| 3 | display error message that user must input data | display error message that user must input data | Pass |

**STC 05- Passengers can send a request for taxi**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display passenger information on driver | display passenger information on driver | Pass |
| 2 | cannot display passenger information on driver | cannot display passenger information on driver | Pass |

**STC 06- Passenger can chat with driver.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | driver get message “LLL” | driver get message “LLL” | Pass |

**STC 07- Driver can register to the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | display error message that input wrong data | display error message that input wrong data | Pass |
| 3 | display error message that user must input data | display error message that user must input data | Pass |

**STC 08- Driver can log in to the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | display error message that input wrong data | display error message that input wrong data | Pass |
| 3 | display error message that user must input data | display error message that user must input data | Pass |

**STC 09- Drivers can log out from the system.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to log in page. | Redirect to log in page. | Pass |

**STC 10- Drivers can update driving information**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display driving information | display driving information | Pass |
| 2 | redirect back to input form | redirect back to input form | Pass |
| 3 | redirect back to input form | redirect back to input form | Pass |

**STC 11- Drivers respond to Passenger’s request**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | show accepted request on passenger | show accepted request on passenger | Pass |
| 2 | Redirect to passenger by automated reject. | Redirect to passenger by automated reject. | Pass |

**STC 12- Driver can chat with passenger.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Passenger get message “PPP” | Passenger get message “PPP” | Pass |

**STC 13- Administrator can login to the Administration system**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | redirect back to log in page | redirect back to log in page | Pass |
| 3 | redirect back to log in page | redirect back to log in page | Pass |

**STC 14- Administrator can log out.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to log in page. | Redirect to log in page. | Pass |

**STC 15- Administrator can add destinations.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | redirect back to log in page | redirect back to log in page | Pass |
| 3 | redirect back to log in page | redirect back to log in page | Pass |

**STC 16- Administrator can browse the destination**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to destination page | Redirect to destination page | Pass |
| 2 | Redirect to database page | Redirect to database page | Pass |

**STC 17- Administrator can edit destinations.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | User is redirected to the main page | User is redirected to the main page | Pass |
| 2 | redirect back to log in page | redirect back to log in page | Pass |
| 3 | redirect back to log in page | redirect back to log in page | Pass |

**STC 18- Administrator can delete destinations.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to main destination page | Redirect to main destination page | Pass |

**STC 19- Administrator can search destinations.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | display “Nimman” | display “Nimman” | Pass |
| 2 | display “not found” | display “not found” | Pass |
| 3 | Redirect back to main page | Redirect back to main page | Pass |
| 4 | Redirect back to main page | Redirect back to main page | Pass |

**STC 20- Administrator can clear data.**

**Test date :** 30/07/2014

**Test by :** Kanittee , Pimchittra

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case ID** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Redirect to main database page | Redirect to main database page | Pass |