**AR Map 2Go!**

**Test Record**

By

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**Document History**

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| --- | --- | --- | --- | --- | --- | --- |
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**\*PP = Parun Pichaiwong**

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Chapter One | Introduction

A Software Test Plan is a document describing the testing scope and activities. It is the basis for formally testing any software/product in a project.

**1.1 Purpose**

The purpose of Test Record describes record test of unit testing and system test of AR Map 2Go! mobile application. In this document include test case, unit testing system testing and test data. AR Map 2Go! test record consists the description of each function in the system. The Test Record Document was using for software tester to record all the result of the function for identifies the defects and the limitation of the software. From the result of each function can help developer to fix the defects and reducing the cost while the long term of maintenance.

**1.2 Software Scope**

The scope of test record document is testing event or activity and record the result with input and output of AR Map 2Go! application which consist of each function in the system for assessment and measurement the quality of user requirement and system requirement.

**1.3 Objective**

The objectives of this document to ensure the software quality that the system delivered.

* Exceed user requirements.
* Reduce the rejecting project
* Test the functional of system which includes Software Requirement Specification and Software Design Document.
* The Functional systems are correctness.
* Assessment and measurement the quality of user requirement and system requirement

**1.4 Definition, Acronyms and Abbreviation**

1.4.1 Key Definition Key Definition

|  |  |
| --- | --- |
| IEEE | Institute for Electrical and Electronics Engineers. Biggest global interest group for engineers of different branches and for computer scientists. [IEEE90] |
| System Test | Testing conducted on a complete, integrated system to evaluate the system's compliance with its specified requirement. System testing falls within the scope of black box testing, and as such, should require no knowledge of the inner design of the code or logic. |
| Unit Testing | Testing method by which individual units of source code, sets of one or more computer program modules together with associated control data, usage procedures, and operating procedures, are tested to determine if they are fit for use. |

1.4.2 Abbreviation

| KEY | ABBREVIATIONS |
| --- | --- |
| TC-SXX | System Test Case number |
| TC-UXX | Unit Testing Case number |

**1.5 Dependency Document**

This software Test Record is depended on the following documents

* Software Project Management plan 1.2
* Software Requirement Specification version 1.2
* Software Design document version 1.2
* Requirement Traceability Matrix version 1.2
* Test Plan version 1.1

Chapter Two | System Test Record

**2.1 TC-S01: The user can register a new account**

|  |  |
| --- | --- |
| Test ID | TC-S01 |
| Test Case | The user can register a new account. |
| Test Description | Test for displaying the message “Registration Successfully”. |
| Actor | User |
| Procedures | 1. Click on “Sign Up” button in the main page. 2. Input username (E-mail address), password and confirm password. 3. Clicks create account button. |
| Prerequisites Data | Users must run the application before. |
| Input | 1. Username (E-mail address) 2. Password. 3. Confirm password. |
| Expected Output | The system displays dialog to show the message “Registration Successfully”. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 17 July 2016 |

Test Record: TR-S01: **Test Date:** 15 June 2014

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test case No. | Username | Password | Confirm Password | Expected Output | Actual Output | P/F |
| 1 | [Parun@hotmail.com](mailto:Parun@email.com) | 1 | 1 | The system displays dialog to show the message “Registration Successfully”. | The system displays dialog to show the message “Registration Successfully”. | P |
| 2 | [admin@hotmail.com](mailto:a@email.com) | 1234 | 1234 | The system displays dialog to show the message “Registration Successfully”. | The system displays dialog to show the message “Registration Successfully”. | P |
| 3 | [a@email.com](mailto:a@email.com) | parun | aaa | Require input matched password and confirm password | Require input matched password and confirm password | P |
| 4 | 5 | parun | parun | Require input Email type | Require input Email type | P |
| 5 | 5 | parun | 5 | Require input Email type with password and confirm password | Require input Email type with password and confirm password | P |
| 6 | NULL | parun | parun | Require input username | Require input username | P |
| 7 | [Parun@email.com](mailto:Parun@email.com) | NULL | parun | Require input password | Require input password | P |
| 8 | [Parun@email.com](mailto:Parun@email.com) | parun | NULL | Require input confirm  password | Require input confirm password | P |
| 9 | NULL | NULL | NULL | Require input Email type with password and confirm  password | Require input Email type with password and confirm password | P |

**2.2 TC-S02: The user can delete an account**

|  |  |
| --- | --- |
| Test ID | TC-S02 |
| Test Case | The user can delete an account. |
| Test Description | Test for displaying message “Delete Account Successfully”. |
| Actor | User |
| Procedures | 1. Click on the mini gear icon on the right top of edit profile page. 2. Select “Delete Account” button. 3. Clicks “Yes” to confirm. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays dialog to show the message “Delete Account Successfully”. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 17 July 2016 |

Test Record: TR-S02

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to delete account | 1. Click on the “Delete Account” button at edit profile page. 2. Clicks “Yes” to confirm. | The system displays dialog to show the message “Delete Account Successfully”. | The system displays dialog to show the message “Delete Account Successfully”. | P |

**2.3 TC-S03: The user can login to the system**

|  |  |
| --- | --- |
| Test ID | TC-S03 |
| Test Case | The user can login to the system. |
| Test Description | Test for displaying the home page. |
| Actor | User |
| Procedures | 1. Click on “Sign In” button in the main page. 2. Input username(E-mail type) and password. 3. Clicks “Sign In” button. |
| Prerequisites Data | Users must be login before. |
| Input | 1. Username(E-mail address). 2. Password. |
| Expected Output | The system displays dialog to show the message “Login Successfully” and go to home page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 17 July 2016 |

Test Record: TR-S03

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Username | Password | Expected Output | Actual Output | P/F |
| 1 | [Parun@hotmail.com](mailto:Parun@email.com) | 1 | The system displays dialog to show the message “Login Successfully” and go to home page. | The system displays dialog to show the message “Login Successfully” and go to home page. | P |
| 2 | [Parun@email.com](mailto:Parun@email.com) | 1234 | Require input again | Require input again | P |
| 3 | [a@email.com](mailto:a@email.com) | parun | Require input again | Require input again | P |
| 4 | 5 | parun | Require input again | Require input again | P |
| 5 | 5 | 5 | Require input again | Require input again | P |
| 6 | NULL | parun | Require input again | Require input again | P |
| 7 | [Parun@email.com](mailto:Parun@email.com) | NULL | Require input again | Require input again | P |
| 8 | NULL | NULL | Require input again | Require input again | P |

**2.4 TC-S04: The user can log out from the system**

|  |  |
| --- | --- |
| Test ID | TC-S04 |
| Test Case | The user can log out from the system. |
| Test Description | Test for displaying the main page. |
| Actor | User |
| Procedures | 1. Click on the mini gear icon on the right top of edit profile page. 2. Select “Logout” button. 3. Clicks “Yes” to confirm. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays dialog to show the message “Logout Successfully” and go to main page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 17 July 2016 |

Test Record: TR-S04

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to logout | 1. Click on the mini gear icon on the right bottom conner of tool bar. 2. Select “Logout” button. 3. Clicks “Yes” to confirm. | The system displays dialog to show the message “Logout Successfully” and go to main page. | The system displays dialog to show the message “Logout Successfully” and go to main page. | P |
| 2 | Test to cancel logout | 1. Click on the mini gear icon on the right bottom conner of tool bar. 2. Select “Logout” button. 3. Clicks “No” to cancel. | Stay in the application | Stay in the application | P |

**2.5 TC-S05: The user can recover the password**

|  |  |
| --- | --- |
| Test ID | TC-S05 |
| Test Case | The user can recover the password. |
| Test Description | Test for displaying the recover password page. |
| Actor | User |
| Procedures | 1. Click on “Sign In” button in the main page. 2. Click on “Forgot Password”. 3. Enters username (E-mail address). 4. Clicks “Submit” button. 5. Go to user mail box and open E-mail link which send from the system. 6. Clicks link on E-mail. |
| Prerequisites Data | Users must run the application before. |
| Input | 1. Username(E-mail address). |
| Expected Output | Receive Email from system with recovery password. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 19 July 2016 |

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Test Record: TR-S05

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Input | Expected Output | Actual Output | P/F |
| 1 | Test to recovery password | 1. Click on “Sign In” button in the main page. 2. Click on “Forgot Password”. 3. Enters username(E-mail address). 4. Clicks “Submit” button. 5. Go to user mail box and open E-mail link which send from the system. 6. Clicks link on E-mail. | Email = “Parun@hotmail.com” | Receive Email from system with recovery password | Receive Email from system with recovery password | P |
| 2 | Test to cancel recovery password | 1. Click on “Sign In” button in the main page. 2. Click on “Forgot Password”. 3. Enters username(E-mail address). 4. Clicks back button to cancel. | Email = “[Parun@hotmail.com](mailto:Parun@hotmail.com)” | Go to main page | Go to main page | P |
| 3 | Test to input wrong email account to recovery password | 1. Click on “Sign In” button in the main page. 2. Click on “Forgot Password”. 3. Enters wrong username(E-mail address). 4. Clicks back button to cancel. | Email = “[P1234@hotmail.com](mailto:Parun@hotmail.com)” | System shows message “Email is not correct” | System shows message “Email is not correct” | P |
| 4 | Test to input empty space | 1. Click on “Sign In” button in the main page. 2. Click on “Forgot Password”. 3. Enters empty space. 4. Clicks “Submit” button. | Email = “ ” | System shows message “Please enter an Email Address” | System shows message “Please enter an Email Address” | P |

**2.6 TC-S06: The user can view user profile information**

|  |  |
| --- | --- |
| Test ID | TC-S06 |
| Test Case | The user can view user profile information. |
| Test Description | Test for displaying the view profile page. |
| Actor | User |
| Procedures | 1. Click on the mini gear icon on the right top of edit profile page. 2. Select “View Profile” button. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays view profile page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 19 July 2016 |

Test Record: TR-S06

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to view user profile | 1. Click on the mini gear icon on the right top of edit profile page. 2. Select “View Profile” button. | The system displays view profile page. | The system displays view profile page. | P |
| 2 | Test to cancel view  user profile | 1. Click on the mini gear icon on the right top of edit profile page. 2. Click on back button on mobile to back to previous activity | Back to previous activity | Back to previous activity | P |

**2.7 TC-S07: The user can update profile information**

|  |  |
| --- | --- |
| Test ID | TC-S07 |
| Test Case | The user can update profile information. |
| Test Description | Test for updating the user profile. |
| Actor | User |
| Procedures | 1. Click on “Edit Profile” in profile page. 2. Input name, address, Facebook and mobile phone. 3. Clicks “Update Profile” button. |
| Prerequisites Data | Users must be login before. |
| Input | 1. Name. 2. Address. 3. Facebook. 4. Mobile phone. |
| Expected Output | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 19 July 2016 |

Test Record: TR-S07

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case No. | Input | Expected Output | Actual Output | P/F |
| 1 | Username =  “Parun Pichaiwong”  Address = “Lampang”  Facebook = “p.pichaiwong@facebook.com”  Mobile = “084-444-4444” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 2 | Username =  “Parun Pichaiwong”  Address = “ ”  Facebook = “[p.pichaiwong@facebook.com](mailto:p.pichaiwong@facebook.com)”  Mobile = “084-444-4444” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 3 | Username =  “Parun Pichaiwong”  Address = “Lampang”  Facebook = “ ”  Mobile = “084-444-4444” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 4 | Username =  “Parun Pichaiwong”  Address = “Lampang”  Facebook = “[p.pichaiwong@facebook.com](mailto:p.pichaiwong@facebook.com)”  Mobile = “ ” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 5 | Username = “ ”  Address = “ ”  Facebook = “ ”  Mobile = “ ” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 6 | Username = “ Parun”  Address = “ ”  Facebook = “ ”  Mobile = “ ” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 7 | Username = “ Parun”  Address = “ ”  Facebook = “ ”  Mobile = “02-222-2222 ” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |
| 8 | Username = “ ”  Address = “ USA ”  Facebook = “ ”  Mobile = “ ” | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | The system displays dialog to show the message “Update Profile Successfully” and return to profile page. | P |

**2.8 TC-S08: The user can change profile picture**

|  |  |
| --- | --- |
| Test ID | TC-S08 |
| Test Case | The user can change profile picture. |
| Test Description | Test for displaying a new profile picture. |
| Actor | User |
| Procedures | 1. Click on profile picture in the left top of profile page. 2. Select the photo gallery. 3. Select the photo. 4. Clicks photo again to save the change. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays a new profile picture to user in profile page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 22 July 2016 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to change profile picture | 1. Click on profile picture in the left top of profile page. 2. Select the photo gallery. 3. Select the photo. 4. Clicks photo again to save the change. | The system displays a new profile picture to user in profile page. | The system displays a new profile picture to user in profile page. | P |
| 2 | Test to cancel view  user profile | 1. Click on profile picture in the left top of profile page. 2. Select the photo gallery. 3. Select the photo. 4. Clicks back button to cancel. | Return to  Profile Activity page | Return to  Profile Activity page | P |

**2.9 TC-S09: The user can view the specified map list from the server**

|  |  |
| --- | --- |
| Test ID | TC-S09 |
| Test Case | The user can view the specified location map list from the server database via the application. |
| Test Description | Test for displaying the home page with the location map list row and details. |
| Actor | User |
| Procedures | 1. Login into the system. 2. System will navigate to home page. 3. Clicks on tab “Available map”. |
| Prerequisites Data | Users must be login before. |
| Input | 1. - |
| Expected Output | The system displays the list of all available location map list row to the user at the home page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 25 July 2016 |

Test Record: TR-S09

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to view all of specified location map list row from the server database | * After login, Click on tab “Available Map” button in the Home page. * System will show all of map list view from the server to the user. | The system displays the list of all available location map list row to the user at the home page. | The system displays the list of all available location map list row to the user at the home page. | P |

**2.10 TC-S10: The user can view the specified location text title list from the server**

|  |  |
| --- | --- |
| Test ID | TC-S10 |
| Test Case | The user can view the specified location text title list from the server database via the application. |
| Test Description | Test for displaying the home page with text title list row and details. |
| Actor | User |
| Procedures | 1. Login into the system. 2. System will navigate to home page. 3. Clicks on tab “Text & Magazine”. |
| Prerequisites Data | Users must be login before. |
| Input | 1. - |
| Expected Output | The system displays the list of all available text title to the user at the home page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 27 July 2016 |

Test Record: TR-S10

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to view the all of specified location map list row from the server database | * After login, Click on tab “Text & Magazine” button in the Home page. * System will show all of specified location text title list view from the server to the user. | The system displays the list of all available text title to the user at the home page. | The system displays the list of all available text title to the user at the home page. | P |

**2.11 TC-S11: The user can select the specified map to see more detail**

|  |  |
| --- | --- |
| Test ID | TC-S11 |
| Test Case | The user can select one map from the location map list row to see more detail. |
| Test Description | Test for displaying the selected map detail page. |
| Actor | User |
| Procedures | 1. Login into the system. 2. System will navigate to home page. 3. Clicks on tab “Available Map”. 4. Clicks on the target. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays the map detail page to show more detail about the selected map with contains location name, specified map picture, scanning condition and help. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 30 July 2016 |

Test Record: TR-S011

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to display the location map detail page by clicks on one of specified map from the row. | 1. Select one of specified map from the row at Home page. | The system displays the map detail page to show more detail about the selected map with contains location name, specified map picture, scanning condition and help. | The system displays the map detail page to show more detail about the selected map with contains location name, specified map picture, scanning condition and help. | P |

**2.12 TC-S12: The user can select the specified text title from the list to see more detail**

|  |  |
| --- | --- |
| Test ID | TC-S12 |
| Test Case | The user can select one of text title from the list row to see more detail. |
| Test Description | Test for displaying the selected text title detail page. |
| Actor | User |
| Procedures | 1. Login into the system. 2. System will navigate to home page. 3. Clicks on tab “Text & Magazine”. 4. Clicks on the target. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays the map detail page to show more detail about the selected map with contains text of the location name, specified magazine or specified book that use for, scanning condition and help. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 30 July 2016 |

Test Record: TR-S012

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to display the selected text title detail page by clicks on one of specified map from the row. | * Select one of specified text title from the row at Home page. | The system displays the map detail page to show more detail about the selected map with contains text of the location name, specified magazine or specified book that use for, scanning condition and help. | The system displays the map detail page to show more detail about the selected map with contains text of the location name, specified magazine or specified book that use for, scanning condition and help. | P |

**2.13 TC-S13: The user can view the 3-dimension object via mobile camera view**

|  |  |
| --- | --- |
| Test ID | TC-S13 |
| Test Case | The user can view 3-dimension object via mobile camera view. |
| Test Description | Test for showing the target’s 3-dimension object via camera view. |
| Actor | User |
| Procedures | 1. The user scans the target (map shape picture or text title) via the application. |
| Prerequisites Data | The user must be login before. |
| Input | - |
| Expected Output | System show interactive 3D object to the user via mobile camera view. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 04 August 2016 |

Test Record: TR-S013

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test for displaying 3-dimension object to the user via mobile camera view | 1. The user goes to target location. 2. Clicks “Camera” button on UI. 3. Scan the mobile camera to focus on the target point that describe on the quest clue. | System show interactive 3D object to the user via mobile camera view. | System show interactive 3D object to the user via mobile camera view. | P |
| 2 | Test for displaying 3-dimension object to the user via mobile camera view | 1. The user goes to another target location. 2. Clicks “Camera” button on UI. 3. Scan the mobile camera to focus on the target point that describe on the quest clue. | System show interactive 3D object to the user via mobile camera view. | The system does not show any result to the user via camera view. | F |

**2.14 TC-S14: Administrator can login into the web application on the server.**

|  |  |
| --- | --- |
| Test ID | TC-S14 |
| Test Case | Administrator can login into the web application on the server. |
| Test Description | Test for displaying the home page. |
| Actor | Administrator. |
| Procedures | 1. Click on “Sign In” button in the main page. 2. Input username (E-mail type) and password. 3. Clicks “Sign In” button. |
| Prerequisites Data | Administrator must go to the localhost/AR Map 2go/home.html first. |
| Input | 1. Username (E-mail address). 2. Password. |
| Expected Output | The system displays dialog to show the message “Login Successfully” and go to home page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 22 July 2016 |

Test Record: TR-S014

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to select on location to start routing | 1. Click on “Sign In” button in the main page. 2. Input username (E-mail type) and password.   Clicks “Sign In” button.   1. Clicks “Login” button. | The system displays dialog to show the message “Login Successfully” and go to home page. | The system displays dialog to show the message “Login Successfully” and go to home page. | P |

**2.15 TC-S15: Administrator can add the new location information into the system.**

|  |  |
| --- | --- |
| Test ID | TC-S15 |
| Test Case | Administrator can add the new quest package into the system. |
| Test Description | Test for displaying message “Insert complete” after adding the new location information on web service. |
| Actor | Administrator |
| Procedures | 1. Go to URL localhost/AR Map 2Go/admin/addNewLocation.php. 2. Input the require information;   l\_name  l\_image  l\_description  l\_total\_place  l\_status  l\_map\_id   1. Clicks “Submit” button |
| Prerequisites Data | Administrator must be login before. |
| Input | 1. l\_server\_id 2. l\_name 3. l\_image 4. l\_description 5. l\_total\_place 6. l\_status |
| Expected Output | The system displays message “Insert complete”. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 23 July 2016 |

Test Record: TR-S015

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test for displaying message “Insert complete” after adding the new location information. | 1. Go to URL localhost/AR Map 2Go/admin/addNewLocation.php. 2. Input the require information;   l\_name = Chiang Mai  l\_image = chiang mai.jpg  l\_description = Chiang Mai province  l\_total\_place = 1  l\_status = 1   1. Clicks “Submit” button | The system displays message “Insert complete”. | The system displays message “Insert complete”. | P |

**2.16 TC-S16: Administrator can log out from the system**

|  |  |
| --- | --- |
| Test ID | TC-S16 |
| Test Case | Administrator can log out from the system. |
| Test Description | Test for displaying the main page. |
| Actor | Administrator |
| Procedures | 1. Go to Administrator Home page. 2. Select “Logout” button. 3. Clicks “Yes” to confirm. |
| Prerequisites Data | Administrator must be login before. |
| Input | - |
| Expected Output | The system displays dialog to show the message “Logout Successfully” and go to main page. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 24 July 2016 |

Test Record: TR-S16

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case No. | Description | Action | Expected Output | Actual Output | P/F |
| 1 | Test to select on location to start routing | 1. Go to Administrator Home page. 2. Select “Logout” button. 3. Clicks “Yes” to confirm. | The system displays dialog to show the message “Logout Successfully” and go to main page. | The system displays dialog to show the message “Logout Successfully” and go to main page. | P |

Chapter Three |Unit Testing Record

**Server side**

3.1 UTC-01:

Method: private boolean checkEmail(String email) {}

|  |  |
| --- | --- |
| Test ID | UTC-01 |
| Test Case | User input the Username as Email Address format. |
| Test Description | The for check the user input the Email format. |
| Actor | User |
| Procedures | 1. Input Username by using Email address |
| Prerequisites Data | Users must run application before. |
| Input | - |
| Expected Output | If input is an Email address form, the Boolean attribute returns value = 1. If input is not an Email address form, the Boolean attribute returns value = 0. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 27 July 2016 |

Test Record: UTR-01

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case No. | Input | Expected Output | Actual Output | P/F |
| 1 | “Parun@hotmail.com” | If Email address verify successful, the Boolean attribute returns value = 1 | If Email address verify successful, the Boolean attribute returns value = 1 | P |
| 2 | “Parun” | If input is not an Email address form, the Boolean attribute returns value = 0. | If input is not an Email address form, the Boolean attribute returns value = 0. | P |
| 3 | “Parun.com” | If input is not an Email address form, the Boolean attribute returns value = 0. | If input is not an Email address form, the Boolean attribute returns value = 0. | P |
| 4 | “4” | If input is not an Email address form, the Boolean attribute returns value = 0. | If input is not an Email address form, the Boolean attribute returns value = 0. | P |

3.2 UTC-02:

functionData.php: checkLogin();

|  |  |
| --- | --- |
| Test ID | UTC-02 |
| Test Case | The user can check-in via this application. |
| Test Description | Test for displaying the quest location page. |
| Actor | User |
| Procedures | 1. Select one location from the all locations in the map page. 2. Click on the selected location. 3. Clicks “Play” button. 4. Clicks “Check In” button in quest location page. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The system displays the quest location page and shows check-in status message. |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 29 July 2016 |

Test Record: UTR-02

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case No. | Input | Expected Output | Actual Output | P/F |
| 1 | Username = “parun@hotmail.com”  Password = “1” | The system displays the quest location page and shows check-in status message. | The system displays the quest location page and shows check-in status message. | P |
| 2 | Username = “admin@hotmail.com”  Password = “1234” | The system displays the quest location page and shows check-in status message. | The system displays the quest location page and shows check-in status message. | P |
| 3 | Username = “xxxx@hotmail.com”  Password = “1234” | The system will show the error message is “Invalid Username or Password” | The system will show the error message is “Invalid Username or Password” | P |
| 4 | Username = “”  Password = “” | The system will show the error message is “Please Input username and password” | The system will show the error message is “Please Input username and password” | P |

3.3 UTC-03:

functionData.php: deleteAccount();

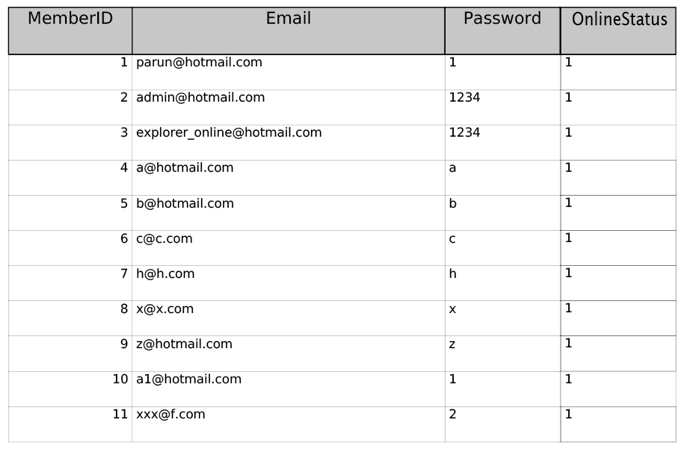
|  |  |
| --- | --- |
| Test ID | UTC-03 |
| Test Case | The user can check-in via this application. |
| Test Description | Test for displaying the quest location page. |
| Actor | User |
| Procedures | 1. Select one location from the all locations in the map page. 2. Click on the selected location. 3. Clicks “Play” button. 4. Clicks “Check In” button in quest location page. |
| Prerequisites Data | Users must be login before. |
| Input | - |
| Expected Output | The delete account remove from the server database |
| Responsibility | Parun Pichaiwong |
| Test Completion Date | 31 July 2016 |

Test Record: UTR-03

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case No. | Input | Expected Output | Actual Output | P/F |
| 1 | Remove an account of the username’s “a@hotmail.com” by clicks “Delete Account” button | The account of the username’s “a@hotmail.com” is remove from the server database | The account of the username’s “a@hotmail.com” will is from the server database | P |
| 2 | Remove an account of the username’s “b@hotmail.com” by clicks “Delete Account” button | The account of the username’s “b@hotmail.com” is remove from the server database | The account of the username’s “Parunn123” is remove from the server database | P |
| 3 | Remove an account of the username’s “c@c.com” by clicks “Delete Account” button | The account of the username’s “c@c.com” is remove from the server database | The account of the username’s “c@c.com” is remove from the server database | P |

Appendix A

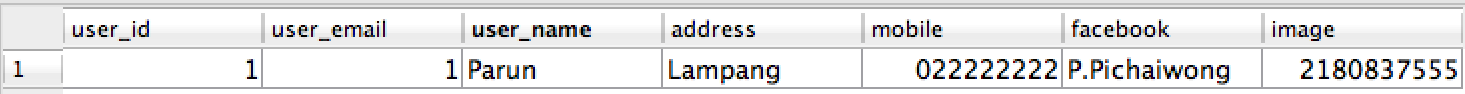
Server database:

Table: member 

Appendix B

Application database:

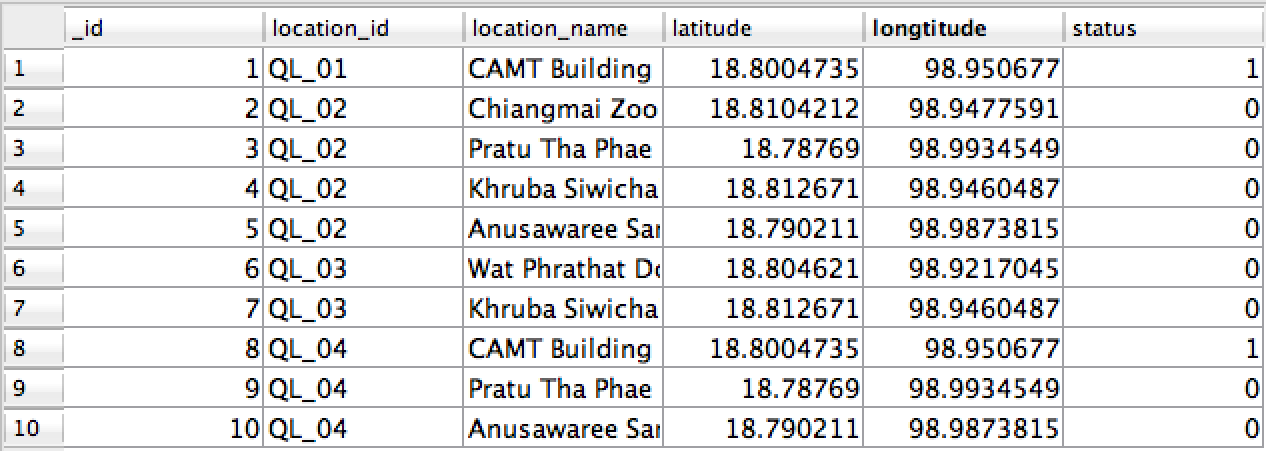
Table: user\_database



Appendix C

Server database:

Table: locations



Appendix D

Application database:

Table: regis\_locations

| **\_id** | **location\_r\_id** | **location\_r\_name** |
| --- | --- | --- |
| 1 | QL\_01 | CAMT Building |