**Dental Clinic Services System**

Test Record

By

**Kanokwan Maneerat 542115002**

**Worapun Wongkium 542115055**

Department of Software Engineering

College of Arts, Media, and Technology

Chiang Mai University

Project Adviser

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Miss Pattama Longanee

**Test Record**

**Revision Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Document Name** | **Detail** | **Status** | **Date** | **Viewable** | **Reviewer& Responsible** |
| DCSS - Test Record - ver 0.1 | Add all document | Draft | 04/26/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.2 | Add all document | Draft | 06/25/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.3 | Renumbering unit test and system test | Draft | 07/01/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.4 | Record all test | Draft | 07/06/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.5 | Record all test | Draft | 07/06/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.6 | Edit test records | Draft | 07/19/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 0.7 | Add and Edit test records | Draft | 07/29/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 1.0 | Add more test cases, test record, and double check | Release | 07/31/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Test Record - ver 1.1 | Edit some information | Release | 8/26/2014 | Adviser | Kanokwan&Worapun |

**Table of Contents**

[Chapter One: Introduction 5](#_Toc394492500)

[1. Introduction 5](#_Toc394492501)

[1.1 Objectives 5](#_Toc394492502)

[1.2 Purpose 5](#_Toc394492503)

[1.3 Project Scope 5](#_Toc394492504)

[1.4 Responsibility 5](#_Toc394492505)

[Chapter Two: Unit Testing Record 6](#_Toc394492506)

[2. Unit testing record 6](#_Toc394492507)

[Unit Test Case 01 (UTC-01): testp\_login() 6](#_Toc394492508)

[Unit Test Case 02 (UTC-02): testp\_ownCalendar() 6](#_Toc394492509)

[Unit Test Case 03 (UTC-03): testd\_login() 7](#_Toc394492510)

[Unit Test Case 04 (UTC-04): testd\_ownCalendar() 7](#_Toc394492511)

[Unit Test Case 05 (UTC-05): testo\_login() 8](#_Toc394492512)

[Unit Test Case 06 (UTC-06): testget\_p\_db() 8](#_Toc394492513)

[Unit Test Case 07 (UTC-07): testget\_db() 9](#_Toc394492514)

[Unit Test Case 08 (UTC-08): testp\_register() 10](#_Toc394492515)

[Unit Test Case 09 (UTC-09): testp\_edit() 10](#_Toc394492516)

[Unit Test Case 10 (UTC-10): testp\_delete() 11](#_Toc394492517)

[Unit Test Case 11 (UTC-11): testd\_register() 11](#_Toc394492518)

[Unit Test Case 12 (UTC-12): testd\_edit() 11](#_Toc394492519)

[Unit Test Case 13 (UTC-13): testd\_delete() 11](#_Toc394492520)

[Unit Test Case 14 (UTC-14): testview\_appointment() 12](#_Toc394492521)

[Unit Test Case 15 (UTC-15): testmake\_appointment() 13](#_Toc394492522)

[Unit Test Case 16 (UTC-16): testapp\_edit() 13](#_Toc394492523)

[Unit Test Case 17 (UTC-17): testapp\_delete() 14](#_Toc394492524)

[Unit Test Case 18 (UTC-18): testPatientCalendar() 14](#_Toc394492525)

[Unit Test Case 19 (UTC-19): testDentistCalendar() 15](#_Toc394492526)

[Unit Test Case 20 (UTC-20): testp\_edit\_data() 15](#_Toc394492527)

[Unit Test Case 21 (UTC-21): testd\_edit\_data() 16](#_Toc394492528)

[Unit Test Case 22 (UTC-22): testapp\_edit\_data() 16](#_Toc394492529)

[Unit Test Case 23 (UTC-23): testMobileLogin() 17](#_Toc394492530)

[Unit Test Case 24 (UTC-24): testOwnAppointment() 17](#_Toc394492531)

[Chapter Three: System Testing Record 18](#_Toc394492532)

[3. System Testing Record 18](#_Toc394492533)

[System Test Case 01(STC-01): Patient can view own appointment in mobile application 18](#_Toc394492534)

[System Test Case 02 (STC-02): Patient can view all appointments from Google calendar in mobile application 19](#_Toc394492535)

[System Test Case 03 (STC-03): Patient can view own appointment in website 19](#_Toc394492536)

[System Test Case 04 (STC-04): Dentist can view own appointment in website 20](#_Toc394492537)

[System Test Case 05 (STC-05): Visitor can view all appointment from Google calendar in website 21](#_Toc394492538)

[System Test Case 06 (STC-06): Officer can view all appointments as a list in website 21](#_Toc394492539)

[System Test Case 07 (STC-07): Patient can logout from the website 21](#_Toc394492540)

[System Test Case 08 (STC-08): Officer can view dentists’ appointment as a list in website 22](#_Toc394492541)

[System Test Case 09 (STC-09): Patient can view all appointments from Google calendar in the website 22](#_Toc394492542)

[System Test Case 10 (STC-10): Officer can create new appointment into the database 23](#_Toc394492543)

[System Test Case 11 (STC-11): Officer can edit the appointment 24](#_Toc394492544)

[System Test Case 12 (STC-12): Officer can delete the appointment 24](#_Toc394492545)

[System Test Case 13 (STC-13): Officer can save the appointment to Google calendar 25](#_Toc394492546)

[System Test Case 14 (STC-14): Patient can login to the mobile application 25](#_Toc394492547)

[System Test Case 15 (STC-15): Patient can login to the website 26](#_Toc394492548)

[System Test Case 16 (STC-16): Patient can logout from the mobile application 26](#_Toc394492549)

[System Test Case 17 (STC-17): Patient can logout from the website 26](#_Toc394492550)

[System Test Case 18 (STC-18): Officer can login into the websites 27](#_Toc394492551)

[System Test Case 19 (STC-19): Officer can logout from website 27](#_Toc394492552)

[System Test Case 20 (STC-20): Officer can create an account for new patient 28](#_Toc394492553)

[System Test Case 21 (STC-21): Officer can edit patients’ information 28](#_Toc394492554)

[System Test Case 22 (STC-22): Officer can delete patients’ account 29](#_Toc394492555)

[System Test Case 23 (STC-23): Officer can create dentist account 29](#_Toc394492556)

[System Test Case 24 (STC-24): Officer can edit dentists’ information 30](#_Toc394492557)

[System Test Case 25 (STC-25): Officer can delete dentists’ account 30](#_Toc394492558)

[System Test Case 26 (STC-26): Officer can view all patients’ account as a list 31](#_Toc394492559)

[System Test Case 27 (STC-27): Officer can view all dentists’ account as a list 31](#_Toc394492560)

[System Test Case 28(STC-28): Officer can view all appointments from Google calendar in website 32](#_Toc394492561)

[System Test Case 29(STC-29): Dentist login to the website 32](#_Toc394492562)

[System Test Case 30(STC-30): Dentist logout from the website 33](#_Toc394492563)

[System Test Case 31(STC-31): Dentist can view all appointments from Google calendar in website 33](#_Toc394492564)

# Chapter One: Introduction

## 1. Introduction

### 1.1 Objectives

Dental clinic service system consists of a web application and a mobile application which supports iOS7. The system supports English language for people who are patients, officers, or dentists of dental clinics. Furthermore, it offers some features for visitors who would like to gain information about the clinic. This system will reduce officers’ work and help patients save their time. Patients can find information about the dental clinic and personal information using the mobile application as well as the web application. For the visitor who wants to have a dental treatment from the clinic, and the dentist can use the system for checking their appointment schedule. Dental clinic services system integrates the services that are provided by most dental clinics into the web application and the mobile application. By combining all the services into one, the system provides more convenience to dental clinic users as well as staff.

### 1.2 Purpose

The purpose of the Test Record of Dental clinic services system is for recording the actual results of each test case and reporting whether each test has passed or failed based on the test criteria described in the Test Plan.

### 1.3 Project Scope

The objective of this software design is to specify the requirements that the system should fulfill, which are as follows:

* Dental clinic services system provides an application that is accessible via web browser on a computer and also on a mobile phone.
* Dental clinic services system on mobile phone support iOS.
* Dental clinic services system supports English language only.
* Dental clinic services system provides features for dental clinics’ registered user whose are patients, officers and dentists.
* Dental clinic services system assists managing appointments of patients and dentists using the web application and the mobile application.
* Dental clinic services system provides a user authentication for each patient and dentist through dental clinic officers.

### 1.4 Responsibility

|  |  |
| --- | --- |
| **Item** | **Responsibility** |
| **Record unit testing** | **Kanokwan & worapun** |
| **Record system test** | **Kanokwan & worapun** |

# Chapter Two: Unit Testing Record

## 2. Unit testing record

### Unit Test Case 01 (UTC-01): testp\_login()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login in false case with no registered patientID and password | false | false | Pass |
| 2 | Test login in true case with registered patientID and password | true | true | Pass |

### Unit Test Case 02 (UTC-02): testp\_ownCalendar()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test own calendar in false case with no registered patientID | null | null | Pass |
| 2 | Test own calendar in true case with registered patientID | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-02 [startTime] => 09:30:00 [endTime] => 10:00:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit ) ) | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-02 [startTime] => 09:30:00 [endTime] => 10:00:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit ) ) | Pass |

### Unit Test Case 03 (UTC-03): testd\_login()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login in false case with no registered dentistID and password | false | false | Pass |
| 2 | Test login in true case with registered dentistID and password | true | true | Pass |

### Unit Test Case 04 (UTC-04): testd\_ownCalendar()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test own calendar in false case with no registered dentistID | null | null | Pass |
| 2 | Test own calendar in true case with registered dentistID | Array ( [0] => stdClass Object( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-04 [startTime] => 11:00:00 [endTime] => 11:30:00 [treatment] => Tooth braces [description] => 1000 baht [submit] => Submit) ) | Array ( [0] => stdClass Object( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-04 [startTime] => 11:00:00 [endTime] => 11:30:00 [treatment] => Tooth braces [description] => 1000 baht [submit] => Submit) ) | Pass |

### Unit Test Case 05 (UTC-05): testo\_login()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login in false case with no registered officerID and password | false | false | Pass |
| 2 | Test login in true case with registered dentistID and password | true | true | Pass |

### Unit Test Case 06 (UTC-06): testget\_p\_db()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all patient list | Array (  [0] => stdClass Object ( [patientID] => P001 [password] => 1234 [f\_name] => Mickey [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> M.ky@hotmail.com [submit] => Submit)  [1] => stdClass Object ([patientID] => P002 [password] => 1111 [f\_name] => Minnie [l\_name] => Mouse [age] => 80 [gender] => 2 [treatment] => Tooth braces,tooth zeplin [address] => New York,USA [tel] => 0120000000 [email]=> M.Nie@hotmail.com [submit] => Submit)  [2] => stdClass Object ([patientID] => P003 [password] => 5555 [f\_name] => Goofy [l\_name] => Goof [age] => 4 [gender] => 1 [treatment] => EF line [address] => California,USA [tel] => 0230000000 [email]=> GG@yahoo.com [submit] => Submit) ) | Array (  [0] => stdClass Object ( [patientID] => P001 [password] => 1234 [f\_name] => Mickey [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> M.ky@hotmail.com [submit] => Submit)  [1] => stdClass Object ([patientID] => P002 [password] => 1111 [f\_name] => Minnie [l\_name] => Mouse [age] => 80 [gender] => 2 [treatment] => Tooth braces,tooth zeplin [address] => New York,USA [tel] => 0120000000 [email]=> M.Nie@hotmail.com [submit] => Submit)  [2] => stdClass Object ([patientID] => P003 [password] => 5555 [f\_name] => Goofy [l\_name] => Goof [age] => 4 [gender] => 1 [treatment] => EF line [address] => California,USA [tel] => 0230000000 [email]=> GG@yahoo.com [submit] => Submit) ) | Pass |

### Unit Test Case 07 (UTC-07): testget\_db()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all dentist list | Array (  [0] => stdClass Object ([dentistID] => D001 [password] => 1234 [f\_name] => Donald [l\_name] => Duck [address] => Chaingmai Thailand [email] => DD@gmail.com [tel] => 0810000000 [submit] => Submit)  [1] => stdClass Object ([dentistID] => D002 [password] => 6789 [f\_name] => Daisy [l\_name] => Duck [address] => New York,USA [email] => D\_lady@hotmail.com [tel] => 0810000001 [submit] => submit) ) | Array (  [0] => stdClass Object ([dentistID] => D001 [password] => 1234 [f\_name] => Donald [l\_name] => Duck [address] => Chaingmai Thailand [email] => DD@gmail.com [tel] => 0810000000 [submit] => Submit)  [1] => stdClass Object ([dentistID] => D002 [password] => 6789 [f\_name] => Daisy [l\_name] => Duck [address] => New York,USA [email] => D\_lady@hotmail.com [tel] => 0810000001 [submit] => submit) ) | Pass |

### Unit Test Case 08 (UTC-08): testp\_register()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test register for patient true case | true | true | Pass |
| 2 | Test register for patient false case | false | false | Pass |

### Unit Test Case 09 (UTC-09): testp\_edit()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test call patient edit page with not exist patientID | null | null | Pass |
| 2 | Test call patient edit page with exist patientID | Array ( [patientID] => P001 [password] => 1234 [f\_name] => Mickey [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> M.ky@hotmail.com [submit] => Submit) | Array ( [patientID] => P001 [password] => 1234 [f\_name] => Mickey [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> M.ky@hotmail.com [submit] => Submit) | Pass |

### Unit Test Case 10 (UTC-10): testp\_delete()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete patient from database with no patientID | false | false | Pass |
| 2 | Test delete patient from database with patientID | true | true | Pass |

### Unit Test Case 11 (UTC-11): testd\_register()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test register for dentist true case | true | true | Pass |
| 2 | Test register for dentist false case | false | false | Pass |

### Unit Test Case 12 (UTC-12): testd\_edit()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test call dentist edit page with not exist dentistID | null | null | Pass |
| 2 | Test call dentist edit page with not exist dentistID | Array ( [dentistID] => D003 [password] => 1234 [f\_name] => dent [l\_name] => tist [address] => clinic [tel] => 0000000000 [email] => dentist.t@clinic.com [submit] => Submit) | Array ( [dentistID] => D003 [password] => 1234 [f\_name] => dent [l\_name] => tist [address] => clinic [tel] => 0000000000 [email] => dentist.t@clinic.com [submit] => Submit) | Pass |

### Unit Test Case 13 (UTC-13): testd\_delete()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete dentist from database with no dentistID | false | false | Pass |
| 2 | Test delete dentist from database with dentistID | true | true | Pass |

### Unit Test Case 14 (UTC-14): testview\_appointment()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all clinic user list | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-01 [startTime] => 09:00:00 [endTime] => 09:30:00 [treatment] => Tooth braces [description] =>100 baht [submit] => Submit)  [1] => stdClass Object ([appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht [submit] => Submit) ) | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-01 [startTime] => 09:00:00 [endTime] => 09:30:00 [treatment] => Tooth braces [description] =>100 baht [submit] => Submit)  [1] => stdClass Object ([appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht [submit] => Submit) ) | Pass |

### 

### Unit Test Case 15 (UTC-15): testmake\_appointment()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test make an appointment true case | true | true | Pass |
| 2 | Test make an appointment false case | false | false | Pass |
| 3 | Test make an appointment true case | true | true | Pass |
| 4 | Test make an appointment truecase | true | true | Pass |

### Unit Test Case 16 (UTC-16): testapp\_edit()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test call appointment edit page with not exist appointmentID | null | null | Pass |
| 2 | Test call appointment edit page with exist appointmentID | Array ( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht [submit] => Submit) | Array ( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht [submit] => Submit) | Pass |

### Unit Test Case 17 (UTC-17): testapp\_delete()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete appointment from database with no appointment ID | false | false | Pass |
| 2 | Test delete appointment from database with appointment ID | true | true | Pass |

### Unit Test Case 18 (UTC-18): testPatientCalendar()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test call patients’ appointment edit page with not exist patientID | null | null | Pass |
| 2 | Test call patients’ appointment edit page with exist patientID | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-01 [startTime] => 09:00:00 [endTime] => 09:30:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit) ) | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-01 [startTime] => 09:00:00 [endTime] => 09:30:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit) ) | Pass |

### Unit Test Case 19 (UTC-19): testDentistCalendar()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test call dentists’ appointment edit page with not exist dentistID | null | null | Pass |
| 2 | Test call dentists’ appointment edit page with exist dentistID | Array ( [0] => stdClass Object ([appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 31000 baht [submit] => Submit ) ) | Array ( [0] => stdClass Object ([appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 31000 baht [submit] => Submit ) ) | Pass |

### Unit Test Case 20 (UTC-20): testp\_edit\_data()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit for patients’ account true case | Array ( [0] => stdClass Object ( [patientID] => P001 [password] => 1234 [f\_name] => Lawrence [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> law.d@gmail.com) ) | Array ( [0] => stdClass Object ( [patientID] => P001 [password] => 1234 [f\_name] => Lawrence [l\_name] => Mouse [age] => 80 [gender] => 1 [treatment] => Tooth braces,tooth zeplin [address] => Chaingmai Thailand [tel] => 053111111 [email]=> law.d@gmail.com) ) | Pass |

### Unit Test Case 21 (UTC-21): testd\_edit\_data()

**Test date: Tested 07/29/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit for dentists’ account true case | Array ( [0] => stdClass Object ( [dentistID] => D001 [password] => 1234 [f\_name] => Dumbo [l\_name] => Duck [address] => Chaingmai Thailand [email] => DD@gmail.com [tel] => 0810000000) ) | Array ( [0] => stdClass Object ( [dentistID] => D001 [password] => 1234 [f\_name] => Dumbo [l\_name] => Duck [address] => Chaingmai Thailand [email] => DD@gmail.com [tel] => 0810000000) ) | Pass |

### Unit Test Case 22 (UTC-22): testapp\_edit\_data()

**Test date: Tested 07/28/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit for appointments’ data true case | Array ( [0] => stdClass Object ( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht ) ) | Array ( [0] => stdClass Object ( [appointmentID] => 2 [patientID] => P002 [dentistID] => D002 [aDate] => 2014-08-05 [startTime] => 13:00:00 [endTime] => 14:00:00 [treatment] => Whitening [description] => 1000 baht ) ) | Pass |

### 

### Unit Test Case 23 (UTC-23): testMobileLogin()

**Test date: Tested 07/30/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login in false case with no registered patientID and password | false | false | Pass |
| 2 | Test login in true case with registered patientID and password | true | true | Pass |
| 3 | Test login in false case with patientID and incorrect password | false | false | Pass |

### 

### Unit Test Case 24 (UTC-24): testOwnAppointmentMobile()

**Test date: Tested 07/30/2014 by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test own calendar in false case with no registered patientID | null | null | Pass |
| 2 | Test own calendar in true case with registered patientID | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-02 [startTime] => 09:30:00 [endTime] => 10:00:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit ) ) | Array ( [0] => stdClass Object ([appointmentID] => 1 [patientID] => P001 [dentistID] => D001 [aDate] => 2014-08-02 [startTime] => 09:30:00 [endTime] => 10:00:00 [treatment] => Tooth braces [description] => 100 baht [submit] => Submit ) ) | Pass |

# Chapter Three: System Testing Record

## 3. System Testing Record

### System Test Case 01(STC-01): Patient can view own appointment in mobile application

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view his/her appointment schedule with correct patientID and password | System shall provide appointment schedule to patient whose patientID is “P001” | System shall provide appointment schedule to patient whose patientID is “P001” | Pass |
| 2 | Test view his/her appointment schedule with wrong patientID and password | System does not provide appointment schedule to patient whose patientID is “xxxx” | System does not provide appointment schedule to patient whose patientID is “xxxx” | Pass |
| 3 | Test view his/her appointment schedule with empty patientID and password fields | System does not provide appointment schedule to patient | System does not provide appointment schedule to patient | Pass |
| 4 | Test view his/her appointment schedule without login | System does not provide appointment schedule to patient | System does not provide appointment schedule to patient | Pass |

### System Test Case 02 (STC-02): Patient can view all appointments from Google calendar in mobile application

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view calendar appointment | System shall provide calendar appointment in appointment page | System shall provide calendar appointment in appointment page | Pass |
| 2 | Test view calendar appointment with login | System shall provide calendar with all appointment in appointment page | System shall provide calendar with all appointment in appointment page | Pass |

### System Test Case 03 (STC-03): Patient can view own appointment in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view his/her appointment schedule with correct patientID and password | System shall provide appointment schedule to patient whose patientID is “P001” | System shall provide appointment schedule to patient whose patientID is “P001” | Pass |
| 2 | Test view his/her appointment schedule with wrong patientID and password | System does not provide appointment schedule to patient whose patientID is “xxxx” | System does not provide appointment schedule to patient whose patientID is “xxxx” | Pass |
| 3 | Test view his/her appointment schedule with empty patientID and password fields | System does not provide appointment schedule to patient | System does not provide appointment schedule to patient | Pass |
| 4 | Test view his/her appointment schedule without login | System does not provide appointment schedule to patient | System does not provide appointment schedule to patient | Pass |

### System Test Case 04 (STC-04): Dentist can view own appointment in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view his/her appointment schedule with correct dentistID and password | System shall provide appointment schedule to dentist whose dentistID is “D001” | System shall provide appointment schedule to dentist whose dentistID is “D001” | Pass |
| 2 | Test view his/her appointment schedule with wrong dentistID and password | System does not provide appointment schedule to dentist whose dentistID is “xxxx” | System does not provide appointment schedule to dentist whose dentistID is “xxxx” | Pass |
|  | Test view his/her appointment schedule with empty dentistID and password fields | System does not provide appointment schedule to patient | System does not provide appointment schedule to patient | Pass |
|  | Test view his/her appointment schedule without login | System does not provide appointment schedule to dentist | System does not provide appointment schedule to dentist | Pass |

### System Test Case 05 (STC-05): Visitor can view all appointment from Google calendar in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view calendar appointment | System shall provide calendar with all appointment in appointment page | System shall provide calendar with all appointment in appointment page | Pass |
| 2 | Test view calendar appointment | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |

### System Test Case 06 (STC-06): Officer can view all appointments as a list in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all appointment as a list in website | System shall provide calendar with all appointment list in schedule in all appointment page | System shall provide calendar with all appointment list in schedule in all appointment page | Pass |

### System Test Case 07 (STC-07): Patient can logout from the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view patients’ own appointment list | System shall provide patients’ appointment information | System shall provide patients’ appointment information | Pass |
| 2 | Test view patients’ own appointment list | System shall provide patients’ appointment information | System shall provide patients’ appointment information | Pass |

### System Test Case 08 (STC-08): Officer can view dentists’ appointment as a list in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view dentists’ own appointment list | System shall provide dentists’ appointment information | System shall provide dentists’ appointment information | Pass |
| 2 | Test view dentists’ own appointment list | System shall provide dentists’ appointment information | System shall provide dentists’ appointment information | Pass |

### System Test Case 09 (STC-09): Patient can view all appointments from Google calendar in the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view calendar appointment | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 2 | Test view calendar appointment | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 3 | Test view calendar appointment with login | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |

### System Test Case 10 (STC-10): Officer can create new appointment into the database

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test create new appointment with correct | System shall redirect to appointment schedule page and display this appointment in the list | System shall redirect to appointment schedule page and display this appointment in the list | Pass |
| 2 | Test create new appointment with duplicate time/date/ and dentist | System does not redirect to appointment schedule page | System does not redirect to appointment schedule page | Pass |
| 3 | Test create new appointment with duplicate date/ and dentist but different time | System shall redirect to appointment schedule page and display this appointment in the list | System shall redirect to appointment schedule page and display this appointment in the list | Pass |
| 4 | Test create new appointment with duplicate dentist but different date | System shall redirect to appointment schedule page and display this appointment in the list | System shall redirect to appointment schedule page and display this appointment in the list | Pass |
| 5 | Test create new appointment with duplicate date and time but different dentist | System shall redirect to appointment schedule page and display this appointment in the list | System shall redirect to appointment schedule page and display this appointment in the list | Pass |
| 3 | Test create new appointment with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### System Test Case 11 (STC-11): Officer can edit the appointment

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit an appointment with correct form | System shall redirect to appointment schedule page and display this appointment in the list | System shall redirect to all appointment page and display this appointment in the list | Pass |
| 2 | Test edit appointment with duplicate time/date/ and dentist | System does not redirect to appointment schedule page | System does not redirect to all appointment page | Pass |
| 3 | Test edit appointment with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### System Test Case 12 (STC-12): Officer can delete the appointment

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete an appointment | System shall provide appointment schedule in all appointments page without the appointment which is appointmentID 1 as selected | System shall provide appointment schedule in all appointments page without the appointment which is appointmentID 1 as selected | Pass |
| 2 | Test delete an appointment | System shall provide appointment schedule in all appointments page without the appointment appointmentID number 1 as selected | System shall provide appointment schedule in all appointments page without the appointment appointmentID number 1 as selected | Pass |
| 3 | Test delete an appointment | System does not provide appointment schedule in the all appointments page | System does not provide appointment schedule in the all appointments page | Pass |

### System Test Case 13 (STC-13): Officer can save the appointment to Google calendar

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test save appointment to Google calendar | System shall provide Google calendar and click save for saving  The saving appointment will display in the calendar appointment page in DCSS website | System shall provide Google calendar and click save for saving  The saving appointment will display in the calendar appointment page in DCSS website | Pass |

### System Test Case 14 (STC-14): Patient can login to the mobile application

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login with correct patientID and password | System shall provide dialog blog “You’re login” | System shall provide dialog blog “You’re login” | Pass |
| 2 | Test login with wrong patientID and password | System shall provide dialog blog “Your login fail” | System shall provide dialog blog “Your login fail” | Pass |
| 3 | Test login with empty fields | System shall provide dialog blog “You must enter patientID and password” | System shall provide dialog blog “You must enter patientID and password” | Pass |

### 

### System Test Case 15 (STC-15): Patient can login to the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login with correct patientID and password | System shall provide redirect to index page | System shall provide redirect to index page | Pass |
| 2 | Test login with wrong patientID and password | System shall provide dialog blog “Invalid patientID or password” | System shall provide dialog blog “Invalid patientID or password” | Pass |
| 3 | Test login with empty fields | System shall provide dialog blog “Please fill out this field ” | System shall provide dialog blog “Please fill out this field ” | Pass |

### System Test Case 16 (STC-16): Patient can logout from the mobile application

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test logout with patientID and password | System shall redirect to the index page and does not show the patientID in any page after logout | System shall redirect to the index page and does not show the patientID in any page after logout | Pass |

### System Test Case 17 (STC-17): Patient can logout from the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test logout with patientID and password | System shall redirect to the index page and does not show the patientID in any page after logout | System shall redirect to the index page and does not show the patientID in any page after logout | Pass |

### 

### System Test Case 18 (STC-18): Officer can login into the websites

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login with correct officerID and password | System shall provide redirect to index page | System shall provide redirect to index page | Pass |
| 2 | Test login with wrong officerID and password | System shall provide dialog blog “Invalid officerID or password” | System shall provide dialog blog “Invalid officerID or password” | Pass |
| 3 | Test login with empty fields | System shall provide dialog blog “Please fill out this field ” | System shall provide dialog blog “Please fill out this field ” | Pass |

### System Test Case 19 (STC-19): Officer can logout from website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test logout with officerID and password | System shall redirect to the index page and does not show the officerID in any page after logout | System shall redirect to the index page and does not show the officerID in any page after logout | Pass |

### 

### System Test Case 20 (STC-20): Officer can create an account for new patient

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test create patient account with correct form | System shall redirect to the patient list page and show account information whose patientID is “P001” | System shall redirect to the patient list page and show account information whose patientID is “P001” | Pass |
| 2 | Test create account with duplicate patientID | System does not redirect to patient list page | System does not redirect to patient list page | Pass |
| 3 | Test create account with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### System Test Case 21 (STC-21): Officer can edit patients’ information

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit patient account with correct form | System shall redirect to the patient list page and show new account information that has edited already, whose patientID is “P001” | System shall redirect to the patient list page and show new account information that has edited already, whose patientID is “P001” | Pass |
| 2 | Test edit account with duplicate patientID | System does not redirect to patient list page | System does not redirect to patient list page | Pass |
| 3 | Test edit account with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### System Test Case 22 (STC-22): Officer can delete patients’ account

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete patients’ account | System shall provide patients’ schedule in patient list page without patient whose patientID is “P001” | System shall provide patients’ schedule in patient list page without patient whose patientID is “P001” | Pass |
| 2 | Test delete patients’ account | System shall provide patients’ schedule in patient list page without patient whose patientID is “P001” | System shall provide patients’ schedule in patient list page without patient whose patientID is “P001” | Pass |
| 3 | Test delete patients’ account | System does not provide patients’ schedule in the patient list page | System does not provide patients’ schedule in the patient list page | Pass |

### System Test Case 23 (STC-23): Officer can create dentist account

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test create dentist account with correct form | System shall redirect to the dentist list page and show account information whose dentistID is “D001” | System shall redirect to the dentist list page and show account information whose dentistID is “D001” | Pass |
| 2 | Test create account with duplicate dentistID | System does not redirect to dentist list page | System does not redirect to dentist list page | Pass |
| 3 | Test create account with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### 

### System Test Case 24 (STC-24): Officer can edit dentists’ information

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test edit dentists’ account | System shall redirect to the dentist list page and show new account information that has edited already, whose dentistID is “D001” | System shall redirect to the dentist list page and show new account information that has edited already, whose dentistID is “D001” | Pass |
| 2 | Test create account with duplicate dentistID | System does not redirect to dentist list page | System does not redirect to dentist list page | Pass |
| 3 | Test create account with empty fields | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

### 

### System Test Case 25 (STC-25): Officer can delete dentists’ account

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete dentists’ account | System shall provide dentists’ schedule in dentist list page without dentist whose dentistID is “D001” | System shall provide dentists’ schedule in dentist list page without dentist whose dentistID is “D001” | Pass |
| 2 | Test delete dentists’ account | System shall provide dentists’ schedule in dentist list page without dentist whose dentistID is “D001” | System shall provide dentists’ schedule in dentist list page without dentist whose dentistID is “D001” | Pass |
| 3 | Test delete dentists’ account | System does not provide dentists’ schedule in the dentist list page | System does not provide dentists’ schedule in the dentist list page | Pass |

### System Test Case 26 (STC-26): Officer can view all patients’ account as a list

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view patient list in the patients’ schedule | System shall provide patients’ schedule in the patient list page | System shall provide patients’ schedule in the patient list page | Pass |
| 2 | Test view patient list in the patients’ schedule | System shall provide patients’ schedule in the patient list page | System shall provide patients’ schedule in the patient list page | Pass |
| 3 | Test view patient list in the patients’ schedule without login | System does not provide patients’ schedule in the patient list page | System does not provide patients’ schedule in the patient list page | Pass |

### System Test Case 27 (STC-27): Officer can view all dentists’ account as a list

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view dentist list in the patients’ schedule | System shall provide dentists’ schedule in the dentist list page | System shall provide dentists’ schedule in the dentist list page | Pass |
| 2 | Test view dentist list in the dentists’ schedule | System shall provide dentists’ schedule in the dentist list page | System shall provide dentists’ schedule in the dentist list page | Pass |
| 3 | Test view patient list in the patients’ schedule without login | System does not provide dentists’ schedule in the dentist list page | System does not provide dentists’ schedule in the dentist list page | Pass |

### 

### System Test Case 28(STC-28): Officer can view all appointments from Google calendar in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 2 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 3 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |

### System Test Case 29(STC-29): Dentist login to the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test login with correct dentistID and password | System shall provide redirect to index page | System shall provide redirect to index page | Pass |
| 2 | Test login with wrong dentistID and password | System shall provide dialog blog “Invalid dentistID or password” | System shall provide dialog blog “Invalid dentistID or password” | Pass |
| 3 | Test login with empty fields | System shall provide dialog blog “Please fill out this field ” | System shall provide dialog blog “Please fill out this field ” | Pass |

### 

### System Test Case 30(STC-30): Dentist logout from the website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test logout with dentistID and password | System shall redirect to the index page and does not show the dentistID in any page after logout | System shall redirect to the index page and does not show the dentistID in any page after logout | Pass |

### System Test Case 31(STC-31): Dentist can view all appointments from Google calendar in website

**Test date:** 07/ 16/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 2 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |
| 3 | Test view all appointment as a calendar | System shall provide calendar with all appointment in calendar appointment page | System shall provide calendar with all appointment in calendar appointment page | Pass |

### System Test Case 32(STC-32): URS-26: Patient can use the QR code to identify his/herself

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test display QR code with patientID | System shall display the patient detail including the QR code of patientID “P001” | System shall display the patient detail including the QR code of patientID “P001” | Pass |
| 2 | Test display QR code with patientID but incorrect password | System shall not display the patient detail including the QR code of patientID “P001” | System shall not display the patient detail including the QR code of patientID “P001” | Pass |

**System Test Case 33(STC-33): URS-27: Dentist can view him/her patient follow up message as a list in follow up page**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test display patient follow up message by using dentistID | System shall display the patient follow up message of dentistID “D001” | System shall display the patient follow up message of dentistID “D001” | Pass |
| 2 | Test display patient follow up message by using dentistID but incorrect password | System shall not display the patient follow up message of dentistID “D001” | System shall not display the patient follow up message of dentistID “D001” | Pass |
| 3 | Test display patient follow up message without login | System shall not display the patient follow up message | System shall not display the patient follow up message | Pass |

**System Test Case 34(STC-34): URS-28: Dentist can ask his/her patient follow up message in follow up page**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the dentist ‘s question is saved in the database | System shall display the dentist’s question and show the follow up status that show number “1” | System shall display the dentist’s question and show the follow up status that show number “1” | Pass |
| 2 | Test the dentist ‘s question is not saved in the database | System shall display the dentist’s question and show the follow up status that show number “0” | System shall display the dentist’s question and show the follow up status that show number “0” | Pass |

**System Test Case 35(STC-35): URS-29: Patient can view his/her dentist follow up message as a list in follow up page in the website**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test display patient follow up message by using patientID | System shall display the dentist follow up message of patientID “P001” | System shall display the dentist follow up message of patientID “P001” | Pass |
| 2 | Test display patient follow up message by using patientID but incorrect password | System shall not display the dentist follow up message of patientID “P001” | System shall not display the dentist follow up message of patientID “P001” | Pass |
| 3 | Test display patient follow up message without login | System shall not display the follow up message | System shall not display the follow up message | Pass |

**System Test Case 36(STC-36): URS-30: Patient can answer his/her dentist follow up message as a list in follow up page in the website**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient ‘s question is saved in the database | System shall display the patient’s answer and show the follow up status that show number “1” | System shall display the patient’s answer and show the follow up status that show number “1” | Pass |
| 2 | Test the patient ‘s question is not saved in the database | System shall display the patient’s answer and show the follow up status that show number “0” | System shall display the patient’s answer and show the follow up status that show number “0” | Pass |

**System Test Case 37(STC-37): URS-31: Patient can view his/her dentist follow up message as a list in follow up page in the mobile application**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test display patient follow up message by using patientID | System shall display the dentist follow up message of patientID “P001” | System shall display the dentist follow up message of patientID “P001” | Pass |
| 2 | Test display patient follow up message by using patientID but incorrect password | System shall not display the dentist follow up message of patientID “P001” | System shall not display the dentist follow up message of patientID “P001” | Pass |
| 3 | Test display patient follow up message without login | System shall not display the follow up message | System shall not display the follow up message | Pass |

**System Test Case 38(STC-38): URS-32: Patient can answer his/her dentist follows up message in follow up page in mobile application**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient ‘s answer is saved in the database | System shall display the patient’s answer and show the follow up status that show number “1” | System shall display the patient’s answer and show the follow up status that show number “1” | Pass |
| 2 | Test the patient ‘s answer is not saved in the database | System shall display the patient’s answer and show the follow up status that show number “0” | System shall display the patient’s answer and show the follow up status that show number “0” | Pass |

**System Test Case 39(STC-39): URS-33: Patient can view the dental clinic information and promotion in the website**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient can view the detail of dental clinic information or promotion | System shall display the dental clinic information or promotion in index page | System shall display the dental clinic information or promotion in index page | Pass |
| 2 | Test the patient can view the detail of dental clinic information or promotion without internet | System shall not display the dental clinic information or promotion in index page | System shall not display the dental clinic information or promotion in index page | Pass |

**System Test Case 40(STC-40): URS-34: Patient can view the dental clinic information and promotion in mobile application**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient can view the detail of dental clinic information or promotion | System shall display the dental clinic information or promotion in index page | System shall display the dental clinic information or promotion in index page | Pass |
| 2 | Test the patient view the detail of dental clinic information or promotion without internet | System shall not display the dental clinic information or promotion in index page | System shall not display the dental clinic information or promotion in index page | Pass |

**System Test Case 41(STC-41): URS-35: Officer can add the information to the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test officer input dental clinic information | System shall redirect to all information and promotion page. Display the dental clinic information of infoID “1” | System shall redirect to all information and promotion page. Display the dental clinic information of infoID “1” | Pass |
| 2 | Test officer input dental clinic promotion | System shall redirect to all information and promotion page. Display the dental clinic promotion of infoID “2” | System shall redirect to all information and promotion page. Display the dental clinic promotion of infoID “2” | Pass |
| 3 | Test officer input dental clinic information with empty field | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |
| 4 | Test officer input dental clinic promotion with empty field | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

**System Test Case 42(STC-42): URS-36: Officer can edit the dental clinic information in the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test officer input dental clinic information in description column from “xxxxx” to “yyyy” | System shall redirect to all information and promotion page. Display the dental clinic information of infoID “1” the column description should be “yyyyy” instead “xxxxx” | System shall redirect to all information and promotion page. Display the dental clinic information of infoID “1” the column description should be “yyyyy” instead “xxxxx” | Pass |
| 2 | Test officer input dental clinic information in description column from “xxxxx” to “yyyy” | System shall redirect to all information and promotion page. Display the dental clinic promotion of infoID “2” the column description should be “yyyyy” instead “xxxxx” | System shall redirect to all information and promotion page. Display the dental clinic promotion of infoID “2” the column description should be “yyyyy” instead “xxxxx” | Pass |
| 3 | Test officer input dental clinic information with empty field | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |
| 4 | Test officer input dental clinic promotion with empty field | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

**System Test Case 43(STC-43): URS-37: Officer can delete the dental clinic information from the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete dental clinic information data | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “1” | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “1” | Pass |
| 2 | Test delete dental clinic promotion data | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “2” | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “2” | Pass |
| 3 | Test delete dental clinic information data | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “1” | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “1” | Pass |
| 4 | Test delete dental clinic promotion data | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “2” | System shall provide the list of dental clinic information and promotion all information and promotion page without the infoID is “2” | Pass |

**System Test Case 44(STC-44): URS-38: Visitor can view the dental clinic information and promotion**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the visitor can view the detail of dental clinic information or promotion | System shall display the dental clinic information or promotion in index page | System shall display the dental clinic information or promotion in index page | Pass |
| 2 | Test the visitor view the detail of dental clinic information or promotion without internet | System shall not display the dental clinic information or promotion in index page | System shall not display the dental clinic information or promotion in index page | Pass |

**System Test Case 45(STC-45): URS-39: Patient can select the dental treatment to estimate the cost by him/herself**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient can select the dental treatment to estimate the cost | System shall display the total price that patient selected and the total price should be “4000” | System shall display the total price that patient selected and the total price should be “4000” | Pass |
| 2 | Test the patient can select the dental treatment to estimate the cost with login of patientID “P001” | System shall display the total price that patient selected and the total price should be “4000” | System shall display the total price that patient selected and the total price should be “4000” | Pass |
| 3 | Test the patient select the dental treatment to estimate the cost without internet | System shall not display the total price that patient selected | System shall not display the total price that patient selected | Pass |

**System Test Case 46(STC-46): URS-40: Patient can select the dental treatment to estimate the cost by him/herself in the mobile application**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the patient can select the dental treatment to estimate the cost | System shall display the total price that patient selected and the total price should be “4000” | System shall display the total price that patient selected and the total price should be “4000” | Pass |
| 2 | Test the patient can select the dental treatment to estimate the cost with login of patientID “P001” | System shall display the total price that patient selected and the total price should be “4000” | System shall display the total price that patient selected and the total price should be “4000” | Pass |
| 3 | Test the patient select the dental treatment to estimate the cost without internet | System shall not display the total price that patient selected | System shall not display the total price that patient selected | Pass |

**System Test Case 47(STC-47): URS-41: Visitor can select the dental treatment to estimate the cost by him/herself in the website**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test the visitor can select the dental treatment to estimate the cost | Test the visitor select the dental treatment to estimate the cost without internet | Test the visitor select the dental treatment to estimate the cost without internet | Pass |
| 2 | System shall display the total price that visitor selected and the total price should be “4000” | System shall not display the total price that patient selected | System shall not display the total price that patient selected | Pass |
| 3 | Test the visitor can select the dental treatment to estimate the cost | Test the visitor select the dental treatment to estimate the cost without internet | Test the visitor select the dental treatment to estimate the cost without internet | Pass |

**System Test Case 48(STC-48): URS-42: Officer can add dental treatment information including the detail and cost into the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test officer input dental treatment detail | Test officer input dental treatment with empty field | Test officer input dental treatment with empty field | Pass |
| 2 | System shall redirect to all dental treatment page. Display the dental treatment of infoID “1” in the list. | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

**System Test Case 49(STC-49): URS-43: Officer can edit dental treatment information including the detail and cost in the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test officer input dental treatment detail | Test officer input dental treatment with empty field | Test officer input dental treatment with empty field | Pass |
| 2 | System shall redirect to all dental treatment page. Display the dental treatment of infoID “1” in the list. | System shall provide dialog blog “Please fill out this field” | System shall provide dialog blog “Please fill out this field” | Pass |

**System Test Case 50(STC-50): URS-44: Officer can delete dental treatment information including the detail and cost in the database**

**Test date:** 10/ 18/ 2014 **Tested by: Kanokwan & Worapun**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Test delete dental treatment data | Test delete dental treatment data | Test delete dental treatment data | Pass |
| 2 | System shall provide the list of dental treatment and display all data without the tid number “1” | System shall provide the list of dental treatment and display all data without the tid number “1” | System shall provide the list of dental treatment and display all data without the tid number “1” | Pass |