**Dental Clinic Services System**

Traceability Record

By

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Mrs. Yun Rim Park

**Test Plan**

**Revision Table**

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| **Document Name** | **Detail** | **Status** | **Date** | **Viewable** | **Reviewer& Responsible** |
| DCSS - Traceability Record  - ver 0.1 | Add all document | Draft | 07/02/2014 | Adviser | Kanokwan&Worapun |
| DCSS - Traceability Record  - ver 0.2 | Bi-directional metrics System | Draft | 07/17/2014 | Adviser | Kanokwan&Worapun |

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# 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, he/she can make an appointment with a dentist through the application, and the dentist can use the system for checking patients’ 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 traceability record document is to show relation of the project. The traceability is linked between user requirements to system requirement specification, use case, activity diagram, sequence diagram and user interface design.

### 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

# Chapter Two: Bi-directional metrics System

## 2. Bi-directional metrics System

### 2.1 Bi-directional metrics System: Requirement Specifications and User Requirement Specification

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| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 1 | SRS-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | SRS-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | SRS-03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | SRS-04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | SRS-05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | SRS-06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | SRS-07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | SRS-08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | SRS-09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 10 | SRS-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | SRS-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | SRS-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | SRS-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | SRS-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | SRS-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | SRS-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | SRS-17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | SRS-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | SRS-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | SRS-20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | SRS-21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | SRS-22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 23 | SRS-23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | SRS-24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | SRS-25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 | SRS-26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27 | SRS-27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | SRS-28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 | SRS-29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | SRS-30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 | SRS-31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 | SRS-32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33 | SRS-33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 | SRS-34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35 | SRS-35 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 36 | SRS-36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 37 | SRS-37 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 38 | SRS-38 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 39 | SRS-39 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 | SRS-40 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41 | SRS-41 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42 | SRS-42 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43 | SRS-43 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44 | SRS-44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45 | SRS-45 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 46 | SRS-46 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47 | SRS-47 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | SRS-48 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 49 | SRS-49 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50 | SRS-50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 51 | SRS-51 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 52 | SRS-52 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 53 | SRS-53 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54 | SRS-54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55 | SRS-55 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 56 | SRS-56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57 | SRS-56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 58 | SRS-57 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 2.2 Bi-directional metrics: Use Case and User Requirement Specification

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| No. | Use Case | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 1 | UC-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | UC-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | UC-03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | UC-04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | UC-05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | UC-06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | UC-07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | UC-08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | UC-09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | UC-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | UC-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | UC-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| No. | Use Case | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 13 | UC-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | UC-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | UC-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | UC-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | UC-17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | UC-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | UC-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | UC-20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | UC-21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | UC-22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | UC-23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | UC-24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | UC-25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 2.3 Bi-directional metrics: Activity Diagram and User Requirement Specification

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| No. | Activity Diagram | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 1 | AD-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | AD-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | AD-03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | AD-04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | AD-05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | AD-06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | AD-07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | AD-08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | AD-09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | AD-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | AD-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | AD-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | Activity Diagram | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 13 | AD-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | AD-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | AD-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | AD-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | AD-17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | AD-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | AD-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 2.4 Bi-directional metrics: Sequence Diagram and User Requirement Specification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Activity Diagram | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 1 | SD-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | SD-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | SD-03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | SD-04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | SD-05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | SD-06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | SD-07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | SD-08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | SD-09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | SD-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | SD-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | SD-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | Activity Diagram | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 | URS-25 |
| 13 | SD-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | SD-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | SD-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | SD-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | SD-17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | SD-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | SD-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | SD-20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | SD-21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | SD-22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | SD-23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | SD-24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 2.5 Bi-directional metrics: User Interface Design and User Requirement Specification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | User Interface Design | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 1 | UI-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | UI-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | UI-03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | UI-04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | UI-05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | UI-06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | UI-07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | UI-08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | UI-09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | UI-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | UI-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | UI-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | User Interface Design | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 13 | UI-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | UI-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | UI-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | UI-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | UI-17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | UI-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | UI-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 2.6 Bi-directional metrics: System Test Case and User Requirement Specification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | System Test Case | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 1 | STC-01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | STC-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | STC 03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | STC -04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | STC -05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | STC -06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | STC -07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | STC -08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | STC -09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | STC -10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | STC 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | STC -12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 13 | STC -13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | STC -14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | STC -15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | STC -16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | STC -17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | STC-18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | STC-19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | STC-20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | STC-21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | STC-22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | STC-23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | STC-24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | STC-25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. | System requirement specification | URS-01 | URS-02 | URS-03 | URS-04 | URS-05 | URS-06 | URS-07 | URS-08 | URS-09 | URS-10 | URS-11 | URS-12 | URS-13 | URS-14 | URS-15 | URS-16 | URS-17 | URS-18 | URS-19 | URS-20 | URS-21 | URS-22 | URS-23 | URS-24 |
| 26 | STC-26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27 | STC-27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | STC-28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 | STC-29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | STC-30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Chapter Three: Traceability record

## 3. Traceability record

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **URS** | **SRS** | **AD** | **UC** | **SD** | **STC** | **UI** |
| URS-01 | SRS-01  SRS-02  SRS-03 | AD-01 | UC-05 | SD-19 | STC-06 | UI-17  UI-19 |
| URS-02 | SRS-01  SRS-02  SRS-04 | AD-02 | UC-06 | SD-04 | STC-05 | UI-01  UI-14 |
| URS-03 | SRS-01  SRS-05  SRS-41 | AD-03 | UC-07 | SD-04 | STC-27 | UI-01  UI-15 |
| URS-04 | SRS-01  SRS-06  SRS-07  SRS-09 | AD-04 | UC-08 | SD-20 | STC-04 | UI-16  UI-20 |
| URS-05 | SRS-01  SRS-06  SRS-08  SRS-09 | AD-05 | UC-09 | SD-03 | STC-03  STC-20  STC-26 | UI-01  UI-03  UI-05 |
| URS-06 | SRS-01  SRS-12  SRS-13 |  | UC-24 | SD-05 | STC-28 | UI-01  UI-12 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **URS** | **SRS** | **AD** | **UC** | **SD** | **STC** | **UI** |
| URS-07 | SRS-01  SRS-02  SRS-31  SRS-32 | AD-18 | UC-22 | SD-05 | STC-29 | UI-01  UI-12 |
| URS-08 | SRS-01  SRS-05  SRS-38  SRS-39  SRS-41 | AD-19 | UC-23 | SD-05 | STC-30 | UI-01  UI-12 |
| URS-09 | SRS-01  SRS-10  SRS-11  SRS-12  SRS-13 | AD-14 | UC-18 | SD-10 | STC-19 | UI-01  UI-03  UI-04 |
| URS-10 | SRS-01  SRS-12  SRS-13  SRS-14  SRS-15 | AD-15 | UC-19 | SD-11 | STC-21 | UI-01  UI-12 |
| URS-11 | SRS-01  SRS-12  SRS-13  SRS-16 | AD-16 | UC-20 | SD-12 | STC-22 | UI-01  UI-12 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **URS** | **SRS** | **AD** | **UC** | **SD** | **STC** | **UI** |
| URS-12 | SRS-01  SRS-06  SRS-09  SRS-12  SRS-13  SRS-17 | AD-17 | UC-21 | SD-17 | STC-23 | UC-01  UC-05 |
| URS-13 | SRS-01  SRS-18  SRS-19  SRS-20  SRS-21 |  | UC-01 | SD-18 | STC-01 | UI-16  UI-18  UI-18 |
| URS-14 | SRS-01  SRS-18  SRS-23  SRS-24  SRS-25  SRS-26 |  | UC-02 | SD-01 | STC-01  STC-09  STC-24 | UI-01  UI-02 |
| URS-15 | SRS-01  SRS-22  SRS-27 |  | UC-03 | SD-21 | STC-08 | UI-16  UI-17 |
| URS-16 | SRS-01  SRS-26  SRS-28 |  | UC-04 | SD-02 | STC-07  STC-10  STC-25 | UI-01 |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **URS** | **SRS** | **AD** | **UC** | **SD** | **STC** | **UI** |
| URS-17 | SRS-01  SRS-29  SRS-30  SRS-31  SRS-32 | AD-06 | UC-10 | SD-06 | STC-11 | UI-01  UI-06  UI-13 |
| URS-18 | SRS-01  SRS-31  SRS-32  SRS-33  SRS-34 | AD-07 | UC-11 | SD-13 | STC-15 | UI-01  UI-07  UI-08 |
| URS-19 | SRS-01  SRS-31  SRS-32  SRS-35 | AD-08 | UC-12 | SD-15 | STC-16 | UI-01  UI-08 |
| URS-20 | SRS-01  SRS-36  SRS-37  SRS-38  SRS-39 | AD-09 | UC-13 | SD-20 | STC-13 | UI-01  UI-09 |
| URS-21 | SRS-01  SRS-38  SRS-39  SRS-40 | AD-10 | UC-14 | SD-14 | STC-17 | UI-01  UI-10  UI-11 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **URS** | **SRS** | **AD** | **UC** | **SD** | **STC** | **UI** |
| URS-22 | SRS-01  SRS-38  SRS-39  SRS-41 | AD-11 | UC-15 | SD-16 | STC-18 | UI-01  UI-11 |
| URS-23 | SRS-01  SRS-31  SRS-32 | AD-12 | UC-16 | SD-08 | STC-12 | UI-01  UI-08 |
| URS-24 | SRS-01  SRS-38  SRS-39 | AD-13 | UC-17 | SD-09 | STC-14 | UI-01  UI-11 |

# Chapter Four: Appendix

## 4. Appendix

### 4.1 User Requirement Specification

**Schedule management**

URS-01: Patient can view the patients’ own appointment in mobile application

URS-02: Patient can view the patients’ own appointment in website

URS-03: Patient can view the dentist own appointment in website

URS-04: Patient can view all appointments from Google calendar in mobile application

URS-05: Registered User can view all appointments from Google calendar in website

URS-06: Officer can view all appointments as list in website

URS-07: Officer can view patients’ own appointment list

URS-08: Officer can view dentists’ own appointment

**Appointment management**

URS-09: Officer can add new appointment into the database

URS-10: Officer can edit the appointment

URS-11: Officer can delete the appointment

URS-12: Officer can save the appointment to Google calendar

**User registration and authentication**

URS-13: Patient can login to the mobile application

URS-14: Registered User can login to the website

URS-15: Patient can logout from the mobile application

URS-16: Registered User can logout from the website

URS-17: Officer can create an account for new patient

URS-18: Officer can edit patients’ information

URS-19: Officer can delete patients’ account

URS-20: Officer can create an account for new dentist

URS-21: Officer can edit dentists’ information

URS-22: Officer can delete dentists’ account

URS-23: Officer can view all patients’ account as a list

USR-24: Officer can view all dentists’ account as a list

### 4.2 Use Case

1. UC-01: Login (in mobile application)
2. UC-02: Login (in website)
3. UC-03: Logout (in mobile application)
4. UC-04: Logout (in website)
5. UC-05: Display patients’ own appointment (in mobile application)
6. UC-06: Display patients’ own appointment (in website)
7. UC-07: Display dentists’ own appointment (in website)
8. UC-08: Display all appointments from Google calendar (in mobile application)
9. UC-09: Display all appointments from Google calendar
10. UC-10: Create new account for patient
11. UC-11: Edit patients’ information
12. UC-12: Delete patients’ account
13. UC-13: Create new account for dentist
14. UC-14: Edit dentists’ information
15. UC-15: Delete dentist s’ account
16. UC-16: Display patients’ list
17. UC-17: Display dentists’ list
18. UC-18: Create new appointment
19. UC-19: Edit appointment
20. UC-20: Delete appointments’ account
21. UC-21: Save the appointment to google calendar
22. UC-22: Display patients’ appointment for officer
23. UC-23: Display dentists’ appointment for officer
24. UC-24: Display all appointments as list in website

**4**.3 System Requirement Specification

**SRS-01:** System shall connect with database

**SRS-02:** System shall retrieve patient appointments’ data including patientID, userID, appointment date, start time, end time,treatment, and description from appointment table in database

**SRS-03:** System shall provide patients’ appointment data from database in patient appointment schedule interface in mobile application

**SRS-04:** System shall provide patients’ appointment data in patient appointment schedule interface in website

**SRS-05:** System shall provide dentists’ appointment data from database in dentist appointment schedule interface in website

**SRS-06:** System shall retrieve appointments’ data including patientID,appointment date,start time, end time in Google calendar from Google website

**SRS-07:** System shall provide appointments’ data of all appointments information from database into calendar page in mobile application

**SRS-08:** System shall provide appointments’ data of all appointments information in calendar page in website

**SRS-09:** System shall connect with Google website

**SRS-10:** System provide interface for make a new appointment

**SRS-11:** System add new appointment to appointments’ table in the database

**SRS-12:** System retrieve appointments’ data including patientID, userID, appointment date, start time, end time,treatment, and description from the database

**SRS-13:** System provide appointments’ data from database in appointment schedule interface in website

**SRS-14:** System provide appointments’ data in edit appointment interface for edit appointment

**SRS-15:** System update new appointment data to clinic useres’ table in the database

**SRS-16:** System delete appointment from appointments’ table in database

**SRS-17:** System shall add appointments’ data from Google calendar form to Google calendar

**SRS-18:** System shall provide the login interface for patient in mobile application

**SRS-19:** System shall validate by match patientID with the data in patient table in the database

**SRS-20:** System shall validate by match password with the data in patient table in the database

**SRS-21:** System shall save session after user login

**SRS-22:** System shall provide the main home page for patient in mobile application

**SRS-23:** System shall provide the login interface for user in website

**SRS-24:** System shall validate by match patientID (or userID for user who is officer or dentist) with the data in patient (or clinic user for officer and dentist) table in the database

**SRS-25:** System shall validate by match password with the data in patient (or clinic user for officer and dentist) table in the database

**SRS-26:** System shall provide the main home page interface for patient (or officer or dentist follow a type of Registered user) in website

**SRS-27:** System shall destroy session after patient logout

**SRS-28:** System shall destroy session after Registered User logout

**SRS-29:** System shall provide create patients’ account interface for create a new account

**SRS-30:** System add new patients’ account to patients’ table in the database

**SRS-31:** System shall retrieve patients’ data including patientID, password, firstname, lastname, age, gender, address, phone number, and email address from patient table in the database

**SRS-32:** System provide patients’ data from database in patient list page after finish creating

**SRS-33:** System provide patients’ data in edit patient interface for edit patients’ information

**SRS-34:** System update new patients’ data to patients’ table in the database

**SRS-35:** System delete patient from patients’ table in database

**SRS-36:** System shall provide create dentists’ account interface for create a new account

**SRS-37:** System add new dentists’ account to dentists’ table in the database

**SRS-38:** System shall retrieve dentists’ data userID, password, role, firstname, lastname, address, phone number, email from dentist table in the database

**SRS-39:** System provide dentists’ data from in dentist list page after finish creating

**SRS-40:** System update new dentists’ data to dentists’ table in the database

address, phone number, email of dentist from database

**SRS-41:** System shall retrieve dentist appointments’ data including patientID, userID, appointment date, start time, end time,treatment, and description from appointment table in database

### 4.4 Activity Diagram

1. AD-01: Display patients’ own appointment (in website)
2. AD-02: Display patients’ own appointment (in website)
3. AD-03: Display dentists’ own appointment (in website)
4. AD-04: Display appointment schedule (in mobile application)
5. AD-05: Display patients’ own appointment (in website)
6. AD-06: Create new account for patient
7. AD-07: Edit patients’ information
8. AD-08: Delete patients’ information
9. AD-09: Create new account for dentist
10. AD-10: Edit dentists’ information
11. AD-11: Delete dentists’ information
12. AD-12: Display patients’ list
13. AD-13: Display dentists’ list
14. AD-14: Create new appointment
15. AD-15: Edit appointment
16. AD-16: Delete appointments’ account
17. AD-17: Delete appointments’ account
18. AD-18: Display patients’ appointment for officer
19. AD-19: Display dentists’ appointment for officer
20. AD-10: Display dentists’ appointment for officer

### 4.5 Sequence Diagram

SD-01: Login

SD-02: Logout

SD-03: View dental clinic calendar

SD-04: View his/her own appointment

SD-05: View all appointment in dental clinic

SD-06: Create patient account

SD-07: Create create dentist account

SD-08: View all patients as a list

SD-09: View all dentist as a list

SD-10: Make an appointment

SD-11: Edit an appointment

SD-12: Delete an appointment

SD-13: Edit patients’ account

SD-14: Edit dentists’ account

SD-15: Delete patients’ account

SD-16: Delete dentists’ account

SD-17: Save appointment to Google Calendar

SD-18: Login to the mobile application

SD-19: View his/her own appointment

SD-20: View appointment in Google calendar

SD-21: Logout from mobile application

### 4.7 User Interface Design

1. UI-01: Shows the index page of website
2. UI-02: Shows the login page of the website. The area number 1 is the field of input userID and patientID. In officer login page will show as OfficerID, in patient login page will show as PatientID, and in dentist login page will show as DentistID
3. UI-03: Shows the schedule of dental clinic from google calendar. The area number 1 will shows the name of patient.
4. UI-04: Shows the officer index page after officer login. Officer can make appointment google calendar, view schedule, and manage account.
5. UI-05: Shows page of google calendar to add the appointment to dental clinic calendar.
6. UI-06: Shows the patient registration page.
7. UI-07: Shows the edit patients’ details page.
8. UI-08: Shows patient list.
9. UI-09: Create dentists’ account.
10. UI-10: Dentist edit information page
11. UI-11: Dentist list page[
12. UI-12: Show appointment list
13. UI-13: Create appointment page
14. UI-14: Show patients’ own appointment
15. UI-15: Show dentists’ own appointment
16. UI-16: Mobile application index page
17. UI-17: Mobile application menu
18. UI-18: Login page for patient
19. UI-19: Display patients’ appointment
20. UI-20: Dental clinic calendar

### 4.6 System Test Case

1. STC-01: Patient can login into the websites
2. STC-02: Patient can login into the mobile application
3. STC-03: Patient can view appointment schedule in the website
4. STC-04: Patient can view appointment schedule in mobile application
5. STC-05: Patient can view his/her appointment schedule in the website
6. STC-06: Patient can view his/her appointment schedule in the mobile application
7. STC-07: Patient can logout from the website
8. STC-08: Patient can logout from the mobile application
9. STC-09: Officer can login into the websites
10. STC-10: Officer can logout from website
11. STC-11: Officer can create patient account
12. STC-12: Officer can view patient list in the patients’ schedule
13. STC-13: Officer can create dentist account
14. STC-14: Officer can view dentist list in the dentists’ schedule
15. STC-15: Officer can edit patient account
16. STC-16: Officer can delete patients’ account
17. STC-17: Officer can edit dentists’ information
18. STC-18: Officer can delete dentists’ account
19. STC-19: Officer can make an appointment
20. STC-20: Officer can view appointment schedule in the website
21. STC-21: Officer can edit an appointment
22. STC-22: Users can delete an appointment
23. STC-23: Officer can save appointment into google calendar
24. STC-24: Dentist login to the website
25. STC-25: Dentist logout from the website
26. STC-26: Dentist can view the appointment schedule
27. STC-27: Dentist can view his/her dentists’ appointment schedule
28. STC-28: Officer can view appointment list in the website
29. STC-29: Officer can view patients’ own appointment in the website
30. STC-30: Officer can view dentists’ own appointment in the website