

DrDentAssist

**Project documentation submitted to the
Faculty of Computer Science and Information Technology of
Asia Pacific College**

**In partial fulfillment of the requirements for the subject
Applied Projects 2 of CSPROJ**

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Executive Summary

DrDentAssist has been created and developed by a group of BSIT Students in Asia Pacific College under CSPROJ2 Class SY: 2017-2018 Term 1 for Happy Clinique Dental services. Happy Clinique caters to both dental, dermatology and diagnostic services. They still use the traditional way of maintaining records for their services to their clients. To be at par with competitors, Happy Clinique needs to adapt to current trends in technology by providing a website that will showcase their services and interact with customers.

The team decided to create and develop an online booking system for Happy Clinique. Aside from the online booking system the team will also create a system that will contain the patients' record.

Patients will now have a website to visit to book or make appointment for their dental or dermatology services. Employees of the clinic will now have a user-friendly system to assist their patients with reservations, assist doctors with their appointments and pull up patient information.

Project Context

This project will be used by Happy Clinique for their dental and dermatology service reservations, as well as managing their patient records. This paper is written for the purpose of showing how the DrDentAssist works.

Purpose and Description

The team aims to provide Happy Clinique an efficient and reliable booking system. The project also aims to assist Happy Clinique in efficiently managing patient records.

Objectives

General Objectives

Major goal of the system is to remove the manual appointment system of the clinic and to make their patient record, paperless. As a goal, the clinic is expected to have more customers as they have the convenience to check the availability of their Doctor rather than wasting fare money and time to go to the clinic. It also aims to increase productivity in the clinic.

Specific Objectives

- To provide Happy Clinique an efficient website with online booking system.
- To completely transition patients' record from paper to paperless.

Vision and Scope Document

For

DRDENTASSIST

Version 1.0 approved

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Asia Pacific College

June 14, 2017

Revision History

Name	Date	Reason For Changes	Version
<ul style="list-style-type: none">▪ Maria Kristina Punla▪ Reimarie Princess Quirante▪ Chloe Tanada	June 16, 2017	First Draft	1
Maria Kristina Punla	June 26, 2017	Removed all documentations about patient's record.	2
Maria Kristina Punla	June 26, 2017	Update Background.	3

1. Business Requirements

1.1. Background

Happy Clinique is a clinic catering to dental, dermatology and diagnostic services. To be at par with competitors, Happy Clinique needs to adapt to current trends in technology. They are on social media right now but providing an efficient system for their staff to use and for a website for their prospective clients to visit so it would increase their client demographics. The system-generated reports will assist business owners to project their revenue and make plans for a foreseeable growth.

1.2. Business Opportunity

An online booking system for the clinic is efficient, accurate and effective for both parties because it will save them time, money and effort. Patients do not need to wait in line for a dental or derma service. No more missed appointments or over acceptance of patients.

The internet is a proven avenue for improving a business in all other aspects like marketing.

The team believes that by converting the traditional method of booking and patient's record to online will provide more revenue to the owner and quality service to the patients.

1.3. Business Objectives and Success Criteria

Major goal of the system is to remove the manual appointment system of the dental Clinique. As a goal the clinic is expected to have more customers as they have the convenience to check the availability of their Doctor rather than wasting fare money and time to go to the clinic.

1.4. Customer or Market Needs

- Efficiency of the booking system.
- User friendly system.
- 24/7 availability.

1.5. Business Risks

The approach for managing risks for the DrDentAssist Project includes a methodical process by which the project team identifies, scores, and ranks the various risks. Every effort will be made to proactively identify risks ahead of time in order to implement a mitigation strategy from the project's onset. The most likely and highest impact risks were added to the project schedule to ensure that the assigned risk managers take the necessary steps to implement the mitigation response at the appropriate time during the schedule. Risk managers will provide status updates on their assigned risks in the bi-weekly project team meetings, but only when the meetings include their risk's planned timeframe.

Upon the completion of the project, during the closing process, the project manager will analyze each risk as well as the risk management process. Based on this analysis, the project manager will identify any improvements that can be made to the risk management process for future projects. These improvements will be captured as part of the lessons learned knowledge base.

2. Vision of the Solution

Happy Clinique has opened under new management last December 12, 2016 and have acquired many patients throughout time. The proposed system will provide a faster and easy way of booking an appointment to get a dental or derma service. The site will definitely increase their patients as they do not need to try their luck, waste time and money to get a service.

2.1. Vision Statement

DrDentAssist vision is to provide our patient's dental and derma needs with the highest level of care, skill, judgment and comfort. We aim to adapt and grow to the new technologies that will grow in our society.

2.2. Major Features

User Login

The website will have a login and sign up features for the patient's side, dentist/doctors side and the admin side. Patients are required to sign up in order to book, so that the Clinique will be able to get important details.

Calendar

The website will have a calendar to show which day and time is open for reservation.

Design

The design of the system will be similar to the old site of Happy Clinique but will be more interactive.

2.3. Assumptions and Dependencies

The website will be available on PC's and laptops and it will be mobile responsive. It will be hosted initially on a free DNS service. Client can have the option to purchase a web domain. Server can initially run on the clinic's existing desktop but the team will be assisting the client in case of a future migration to upgrade platform.

3. Scope and Limitations

3.1. Scope of Initial Release

Happy Clinique uses the traditional method of accepting appointment or reservations to their patients. In making an appointment, their patients has to walk in to their Clinique and book an appointment to avail the clinic's services. With the use of a website, the site has a function of online booking system and a feature of recording patient's information online, this will definitely revamp the clinics day to day operation.

Happy Clinique will have a website that will contain their products and services and will give their patients an option to book appointment online. The major feature of the site is the online booking system. Patients can now book online, anytime and anywhere they want.

The website will require patients to sign up which will register patients contact information to the system.

The project team will also add a feature in the website where admins of the site can record patient's payment.

3.2. Scope of Subsequent Releases

The scope of subsequent release for DrDentAssist are as follows.

- Mobile Application for both IOS and Android.
- Send to SMS confirmation of booking.

3.3. Limitations and Exclusions

The project range will focused on the booking/appointment features of the clinic website and will be limited to transitioning their manual records of patient to online records.

- The DrDentAssist website will only be web-based.
- No mobile app but will be mobile responsive.
- The DrDentAssist will service the Happy Clinique only.
- The DrDentAssist will only be available for dental and derma appointments.

4. Business Context

4.1. Stakeholder Profiles

Stake Holder	Major Values	Attitudes	Major Interests	Constraints
Leticia Aspiras - Owner	Increased revenue.	Sees the system as avenue to 35% increase of revenue and patients.	Increase in revenue and patients.	Budget and Time.
Doctors/Dentists	Efficient and accurate appointments with patients.	Expects an organized scheduling of patients.	Efficient scheduling of patients.	Adaptability to the new system.
Receptionists	Quick access to patient's scheduled appointment.	Flexibility in adapting to the new system.	Ability to cope up with the new online system.	Adaptability to the new system.

4.2. Project Priorities

Dimension	Driver	Constraint	Degree of Freedom
Schedule	Release 1.0 to be available at the mid of the course	Time Constraint.	90% -100% of the main functions and features must be done.
Schedule	The system must be running.	Time Constraint.	90% -100% of the main functions and features must be done.
Features	Release 1.0 to be available at the mid of the course	Budget and Time.	70-80% of high priority features must be included in release 1.0.
Quality	Provides a user friendly booking/appointment website for Happy Clinique.	Errors in the system.	90-95% of user acceptance tests must pass for release 1.0, 95-98% for release 1.1.

4.3. Operating Environment

The new and improved Happy Clinique website will be replacing their manual booking/appointment system. The system will be created via Laravel Framework. The user of the systems will be the receptionists, the dentists and the patients who manages their appointment for dental service. System will provide a no service interruptions or continuous access to the system. The system will have a username and password feature for security reasons on both the clinic side and patients.

Review of Related Literature/Systems

A. Affinity Clinic

① www.affinitydentalclinics.com

HOME TESTIMONIALS DENTISTS CLINICS SERVICES VIDEOS PROMOS NEWS CAREERS CONTACT US

Our Dentists
Meet our team of dental experts who are committed to provide you with only the best.
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Dental Services
What do you need? Learn more about the dental services we provide.
[Read more →](#)

Contact Us
Do you have questions or inquiries? Want to set an appointment?
[Set An Appointment →](#)

B. Sacred Heart Dental Clinic

Sacred Heart Dental Clinic

Sacred Heart Dental Clinic is a Manila dental clinic that promises to provide affordable services performed by credible Manila dentists and unbeatable Manila dental tourism packages.



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- [Booking Request](#)
- [Services](#)
- [Opening Hours](#)
- [About](#)
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📍 129 Asuncion Street, Morning Breeze, Caloocan City, 1400, Philippines
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Sacred Heart Dental Clinic

Booking Request

Booking / Reservation:

Name:

Your phone number:

Your email:

Time:

Date:

Comment:

Enter the numbers from the image:


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Technical Background

"Laravel is a web application framework with expressive, elegant syntax. We believe development must be an enjoyable, creative experience to be truly fulfilling. Laravel attempts to take the pain out of development by easing common tasks used in the majority of web projects, such as authentication, routing, sessions, and caching.

Laravel aims to make the development process a pleasing one for the developer without sacrificing application functionality.

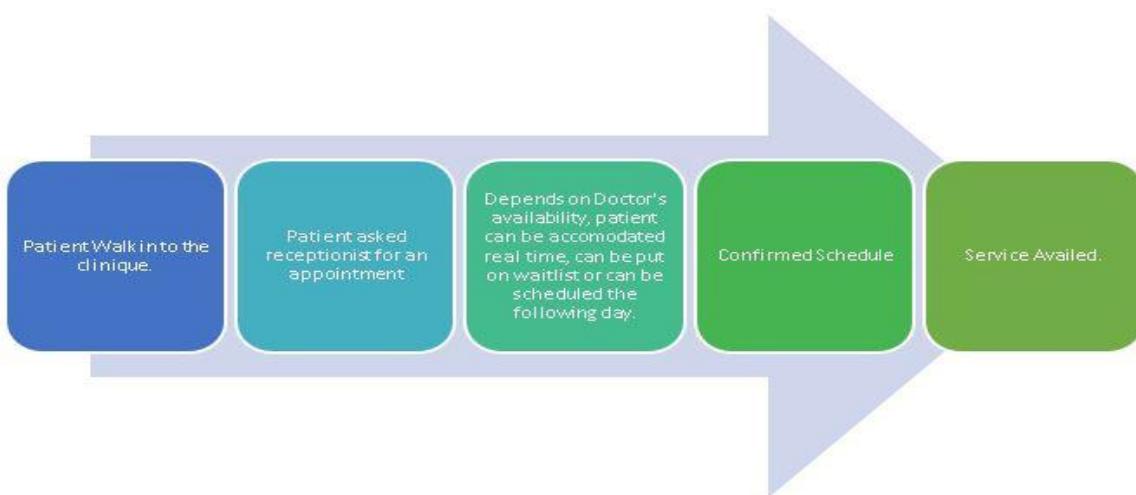
Laravel is accessible, yet powerful, providing powerful tools needed for large, robust applications. A superb inversion of control container, expressive migration system, and tightly integrated unit testing support give you the tools you need to build any application with which you are tasked." (<https://laravel.com/docs/4.2/introduction>)

Methodology, Results and Discussion

Requirements Analysis

Happy Clinique has been with the business with quite a while but has been under new management since December 12, 2016, and they have been acquiring new patients as well as introducing new services such as dermatology services. They need a website that will be used by the clinic and their clients for reservations. The management of Happy Clinique would also like to completely transition their patients' record online. The team also decided to add a payment feature in the website that will records patients' payment for recording purposes.

Below is a diagram of the Clinic's current process.



Requirement Documentation

- Patient must sign up to have an account.
- Only patients with account can request for an appointment.
- Doctors and Reception Admin can manage appointment schedule of patient.
- Therapist can only view patients appointment schedule
- Doctors can manage patients' record.
- Reception Admin to manage payments
- Reception Admin to manage Doctors Schedule.

Gap Analysis

Gap Analysis		
Current Process	Future Process	Action/Proposal
Patient walks-in to the clinique for reservation	Patient can access the website for appointment request.	The website will have a booking option for patient to send their request for appointment.
Patient can not be accommodated for the day.	Patient will know through email confirmation if appointment request has been approved.	The website will send an email confirmation to user about patients reservation.
Doctors extend hours to service all who walked in for the day	The system will show how many patients are booked for the day giving the Doctors idea on how more or less can they accommodate.	The website will show Doctors availability. Patient will have the options of what schedule would they like to reserve.
Patient records are all in papers and filed in a big cabinet.	Patient records will be paperless.	Patient record will be saved to a database and only admins has access to it.

Design of Software, Systems, Product, and/or Processes

System is developed with Laravel framework. For each table in the database are generated with create, read, update, and delete feature depending on the needs of the system. To accomplish the main function of the prototype, the model, view and controller of the framework are revised including the database model.

Development and Testing

The team uses agile methodology. Business needs to cope up with the fast paced business environment. Using Agile will allow the team to do changes and iterations to the system to improve it.

Description of Prototype

The DrDentAssist is an online booking system that is web based. It will be mobile responsive in order for users to have ease of access when using a mobile phone when accessing the website. The front end contains the Welcome page. On the upper right of the page, it will include login button and the register or sign up button. At the lower left hand side will consist of the “Book” button which will let the users request for an appointment.

The backend differs from the front end where admins of the website have more permission than the regular users. The backend will consist of the Doctors schedule that can be updated or modified. It will also provide the Doctors and the reception admin to accept or reject a requested appointment. Furthermore this will hold the payment page where the reception admin records the patients' payment.

Implementation Plan (Infrastructure/Deployment)

Once the system deploys to the clinic, it will be then administered by the clinic staff, providing admin access to Doctors and Reception admin but still differs on permission depending on their role. Patients can access the website but permission is restricted. While Admins would have the capability to manage appointments, patient record and schedules.

Conclusions and Recommendation

Throughout the course of our project, we came up with three general conclusions:

- There is a potential growth in business if you will take it online.
- There will always be limitations when creating the project like time constraint and cost.
- Overall teamwork plays a big role in completing the project.

STATEMENT OF WORK

For

DrDentAssist

Version 1.0 approved

Prepared by:

Chloe Tañada

Maria Kristina Punla

Reimarie Princess Quirante

Asia Pacific College

July 11, 2017

INTRODUCTION/BACKGROUND

Happy Clinique has recently approved the DrDentAssist in support of its strategic plan to enhance marketing and customer service. To provide more timely feedback to improved customer interaction, the DrDentAssist will focus on building a content rich website which provides a simplified and more user-friendly approach for existing and potential customers. It is imperative that Happy Clinique utilizes its web site as a platform for communicating new services, recent news, and other health information. Happy Clinique also realizes the importance of working with customers to develop tailored consulting solutions which the new web site will allow the ability to do. In order to accomplish this, Happy Clinique seeks to outsource the design, testing, implementation, and training for the new website. Happy Clinique anticipates that its new website will move the company forward in its multi-tiered approach to winning new clients and capturing additional market share.

SCOPE OF WORK

The scope of work for the DrDentAssist includes all planning, execution, implementation, and training for a new public-facing internet site for Happy Clinique. The selected project developers will be responsible for the design of the new website based on feedback to be provided by Happy Clinique. Each stage of the project will require approval from Happy Clinique management before moving on to the next stage. The selected project developers must ensure it has adequate resources for designing, building, testing, and implementing the new web site and is staffed for the training of Happy Clinique personnel as well. Specific deliverables and milestones will be listed in the Work Requirements and Schedules and Milestones sections of this SOW.

PERIOD OF PERFORMANCE

The period of performance for the DrDentAssist is less than 2 months (54 days) beginning on 7 June 2017 through 1 August 2017. All work must be scheduled to complete within this timeframe. Any modifications or extensions will be requested through Happy Clinique and CSPROJ2 professor for review and discussion.

PLACE OF PERFORMANCE

The project developers for the DrDentAssist will perform a majority of the work at its own facility. The developers will be required to meet at Asia Pacific College facility once per week (every Saturday at 11:30 A.M) for a weekly status meeting with the project adviser. Additionally, all project gate reviews will be held at Asia Pacific College facility and attended by the developers. Once the project reaches the training phase, all training will be conducted at Happy Clinique's facility.

WORK REQUIREMENTS

As part of the DrDentAssist the developers will be responsible for performing tasks throughout various stages of this project. The following is a list of these tasks which will result in the successful completion of this project:

Kickoff:

- Project developers will create and present detailed project plan including schedule, WBS, testing plan, implementation plan, training plan, and transition plan
- Project developers will present project plan to Happy Clinique for review and approval

Design Phase:

- Work with Happy Clinique to gather requirements and establish metrics
- Create site design based on collected requirements
- Develop site design proposal for Happy Clinique review and approval
- Present written status at weekly meeting

Build Phase:

- Project developers will complete all coding for approved site design
- Project developers will include all content provided by Happy Clinique on redesigned web site
- Project developers will resolve any coding and site issues identified in testing
- Project developers will compile a testing report to present to Happy Clinique for review/approval
- Present written status at weekly meeting

Implementation Phase:

- Project developers will implement the newly redesigned web site on Happy Clinique servers
- Present written status at weekly meeting

Training Phase:

- Project developers will provide training in accordance with approved training plan provided in the kickoff
- Present written status at weekly meeting

Project Handoff/Closure:

- Project developers will provide Happy Clinique with all documentation in accordance with the approved project plan
- Project developers will present project closure report to Happy Clinique for review and approval
- Project developers will complete the project requirements checklist showing that all project tasks have been completed
- Present written status at weekly meeting

SCHEDULE/MILESTONES

The below list consists of the initial milestones identified for the DrDentAssist:

RFP/SOW Release	June 21, 2017
Project developers Selection Review	June 7-13, 2017
Project developers Selection	June 14, 2017
Period of Performance Begins	June 23, 2017
Website Design Review	June 29, 2017
Website Implementation Review	July 27, 2017
Implementation Complete	August 1, 2017
Project Completion Review	August 2, 2017
Project Closure/Archives Complete	August 23, 2017

ACCEPTANCE CRITERIA

For the DrDentAssist the acceptance of all deliverables will reside with Happy Clinique's owner. The owner will maintain a small team of three advisors in order to ensure the completeness of each stage of the project and that the scope of work has been met. Once a project phase is completed and the project developers provide their report/presentation for review and approval, the owner either sign off on the approval for the next phase to begin, or reply to the developers, in writing, advising what tasks must still be accomplished.

Once all project tasks have been completed, the project will enter the handoff/closure stage. During this stage of the project, the developers will provide their project closure report and project task checklist to Happy Clinique's owner. The acceptance of this documentation by Happy Clinique's owner will acknowledge acceptance of all project deliverables and that the project developers has met all assigned tasks.

Any discrepancies involving completion of project tasks or disagreement between Happy Clinique and the chosen project developers will be referred to both organizations' contracting offices for review and discussion.

OTHER REQUIREMENTS

All DrDentAssist project team members will submit security forms to Happy Clinique for clearance and access badges to the facility. All programmers and quality control team members will be granted access to Happy Clinique servers and all necessary IT functions. They will also be given temporary Happy Clinique accounts which are to be used only for work pertaining to the DrDentAssist. Upon completion of the project these accounts will be closed.

ACCEPTANCE

Approved by:

Leticia Aspiras

Owner

Date: _____

Software Requirements Specification

For

DrDentAssist

Version 1.0 approved

Prepared by:

Chloe Tañada

Maria Kristina Punla

Reimarie Princess Quirante

Asia Pacific College

July 11, 2017

Revision History

Name	Date	Reason for Changes	Version
Chloe Tañada	July 11, 2017	First Draft	1
Chloe Tañada	July 15, 2017	Second Draft	2

1. Introduction

1.1 Purpose

The purpose of Software Requirements Specification (SRS) is to provide a detailed explanation about the technical prerequisite of DrDentAssist. The requirements specified are implemented by the developers before the end of term. After the implementation, this will give the assigned administrator in Happy Clinique a documented guideline of the technical requirements and objectives of the system.

1.2 Document Conventions

This document was created in Microsoft Office 2016, with font sizes (12 – content, 14 – section, 18 – subtitles, 32 – title) and a standard font (Times New Roman). Typographical conventions are:

Typeface or Symbol	Meaning	Example
AaBbCc123	Bold font style was used on highlighted topics.	<ul style="list-style-type: none">▪ 1.3 Purpose▪ 1.4 Product Functions
AaBbCc123	Italicized fonts were used to emphasize a specific word.	Major functions the <i>product</i> must perform

1.3 Intended Audience and Reading Suggestions

- Developers – The developers are those who manage the entire system. This document is used by developers as a guideline to create the functionalities required for the completion of the project.
- Technical Writers – The technical writers are the people assigned to prepare the user manuals and other requisite documents of the project.
- Testers/Users – *The* testers/user can examine and estimate the performance outcome of the system 'DrDentAssist and to be able to check the technical necessities whether the requirements had been accurately implemented.

1.4 For the full content of Project Product Scope

2. Overall Description

2.1 Product Perspective

Scope, please proceed to page 5 in the Vision and Scope document.

DrDentAssist is a new production for Happy Clinique, it is a replacement for the organization's traditional method in accumulating loads of patient records. For the organization to become flexible in their services and can cope up with the fast pacing technology world, the team developed a system (DrDentAssist) that can benefit both the customers and the company itself.

2.2 Product Functions

Major functions the product must perform:

- Online booking system
- Online documentation of the patient's dental and derma information
- Revamp the clinics day-to-day operation

Major functions the user must perform:

- Management
- Book appointment
- Cancel appointment
- View appointment history

2.3 User Classes and Characteristics

There are four types of users that can use DrDentAssist:

User	Activities
Administrator	<ul style="list-style-type: none">▪ Manage doctor's schedule▪ Manage payments▪ Manage appointment schedule▪ Re-schedule appointment
Doctor	<ul style="list-style-type: none">▪ View appointment schedule▪ Manage appointment schedule▪ Manage patient record
Therapist	<ul style="list-style-type: none">▪ View patient's appointment schedule
Patient	<ul style="list-style-type: none">▪ Create an account▪ Book an appointment▪ Cancel appointment▪ View appointment history

2.4 Operating Environment

- Digital Ocean Cloud (cloud-based)
- CentOS 7 (server-based)
- Windows 8 (minimum of 32-bit RAM)

2.5 Design and Implementation Constraints

- DrDentAssist design must meet the standards given by the client.
- DrDentAssist must perform validation check in user's input.
- The system uses phpmyadmin MySQL for the database.
- The system uses Laravel as the framework.
- PHP, CSS, HTML and JavaScript are being combined in creating the system interfaces.

2.6 User Documentation

A printed manual has been published to provide instruction on how to use DrDentAssist. The user manual contains written guidelines and has nontechnical terminologies so that the readers will have a better understanding about the given instructions. The user manual includes step-by-step procedures.

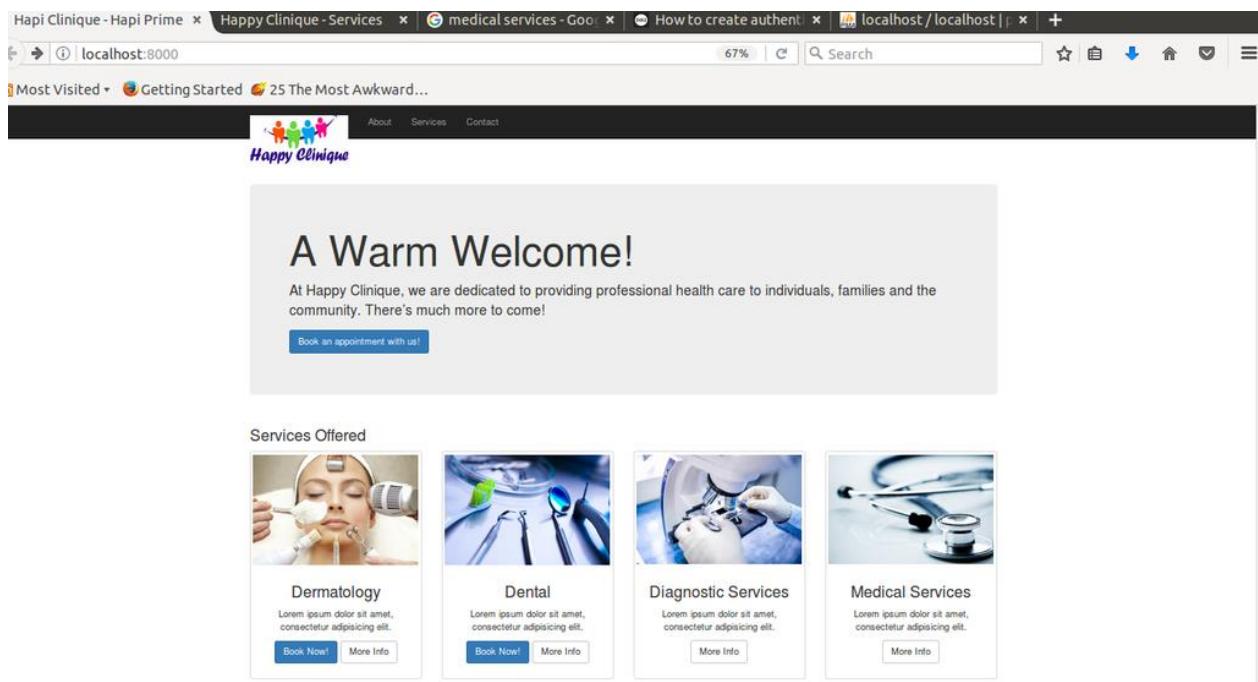
2.7 Assumptions and Dependencies

The website will be accessible on desktops and laptops and it will be mobile responsive. It will be hosted initially on a free DNS service. Client can have the option to purchase a web domain. Server can initially run on the clinic's existing desktop but the team will be assisting the client in case of a future migration to upgrade platform.

3. External Interface Requirements

3.1 User Interfaces

Here are some screenshots of the system's user interface.



The screenshot shows a browser window with the address bar set to `localhost:8000/login`. The page title is "Laravel". The main content is a "Login" form with fields for "E-Mail Address" and "Password", a "Remember Me" checkbox, and "Login" and "Forgot Your Password?" buttons.

The screenshot shows a browser window with the address bar set to `localhost:8000/register`. The page title is "Laravel". The main content is a "Register" form with fields for "Name", "E-Mail Address", "Password", and "Confirm Password", and a "Register" button.

3.2 Hardware Interfaces

- Hardware: Minimum System Requirement
- Processor: 2.4 GHZ processor speed
- Memory: 1GB RAM (2 GB recommended)
- Screen resolution: 800 x 600 colors or above

3.3 Software Interfaces

- Windows, Linux, iOS and Android operating system environment
- The user interface and other parts of DrDentAssist system were created using Laravel advanced framework, including HTML, CSS, PHP 5.4, Bootstrap.
- Browsers like Google Chrome, Microsoft Edge, Firefox, etc. is used for the viewing of the system.
- MySQL and PHP My Admin for the database.

3.4 Communications Interfaces

The patient will interact with the system through a web browser and can be accessible to the patient's computer and network, while from the admin side the system can be accessed using intranet. Any browser may use the system, from Google Chrome, Microsoft Edge and Firefox.

4. System Features

4.1.1. User Registration

A user is required to have an account to be able to manage the reservation online.

4.1.2. Description/Priority (User)

Users can create an account by completing the online registration and it is a high priority.

4.1.3. Stimulus/Response Sequences

Stimulus: A user creates an account by completing the registration form.

Response: The system will verify if the required information is valid i.e. username, password, email address and contact number. The system will store the information in the database and redirect the user to the login page.

4.2.1. Access, View, and Manage

Users can access, view and manage the necessary requirements accessible based on its user privilege (Receptionist, Doctor, Therapist, or Patient) upon logging in.

4.2.2. Description/Priority

User can manage his/her account upon logging in.

4.2.3. Stimulus/Response Sequences (Admin/Receptionist)

Stimulus: The admin manages patient appointments / doctor schedule upon logging in.

Response: The system will display all pending reservation or doctor schedule.

Stimulus: The admin approves/cancel the reservation in the calendar and/or edit doctor schedule.

Response: The system updates the information in the calendar. If the reservation is cancelled upon reason, the admin will select other available slot for reservation for the patient.

4.2.3. Stimulus/Response Sequences (Doctor)

Stimulus: Doctor views request appointments.

Response: The system will display the calendar.

Stimulus: Doctor either accept or cancel the appointment.

Response: If the selected date is cancelled, the system will notify the following users (Receptionist and Patient) and proceed to the reservation page to allow the user to file another reservation or not. If the date selected is accepted, the system will save the appointment schedule.

4.3.1. Stimulus/Response Sequences (Patient)

Stimulus: Patient views available schedule.

Response: The system will display the calendar.

Stimulus: Patient booked and send the requested appointment.

Response: Receptionist/Doctor will be notified.

Stimulus: Receptionist/Doctor will accept, cancel or edit the schedule.

Response: The patient will be notified.

Stimulus: If the approved appointment is cancelled by the patient, the system will notify the following users (Receptionist and Doctor) and proceed to the reservation page to allow the patient to file another reservation or not. While, if the approved appointment is confirmed by the patient, the system will save the appointment schedule.

4.3.1. Stimulus/Response Sequences (Therapist)

Stimulus: Therapist views scheduled appointments.

Response: The system will display the appointments.

Stimulus: Therapist confirms.

Response: Therapist will assist on the procedure of the service chosen by the patient.

4.4.1 Functional Requirements

- **REQ-1:** The admin/doctor/patient/therapist should have an account
- **REQ-2:** The admin/doctor/patient/therapist should be connected to the internet

5. Other Nonfunctional Requirements

5.1 Performance Requirements

- The responsiveness of the system depends on the speed of its internet connection of the user.
- The system should provide real-time information about the doctor's available schedule.
- Pending approval should be managed by the admin in order in which the reservation was received.

5.2 Safety Requirements

A patient can access certain features based on its user privilege. The system will secure all outlets of transaction that includes any confidential patient records. The system will automatically log out users after a certain period of inactivity.

5.3 Security Requirements

The system must maintain separate levels of security for users and the system administrator as well as for doctors and therapists. All users are required to have an account to be able to access DrDentAssist website. Users can access certain functionalities depending on their role.

5.4 Software Quality Attributes

5.4.1 Security

- DrDentAssist will support different privileges for users such as patient, receptionist, doctor and therapist. The user upon logged in with the given role should only be allowed to access functionalities based on its privilege.
- In HTTPS, it enables web application to securely access confidential information like patient records.
- The patient's personal information is protected.

5.4.2 Reliability

- DrDentAssist service descriptions and doctor description are clear and understandable.

5.4.3 Scalability

- DrDentAssist must be scalable to many users for all the patients to have better user experience.

5.4.4 Availability

- DrDentAssist is available 24/7

5.5 Business Rules

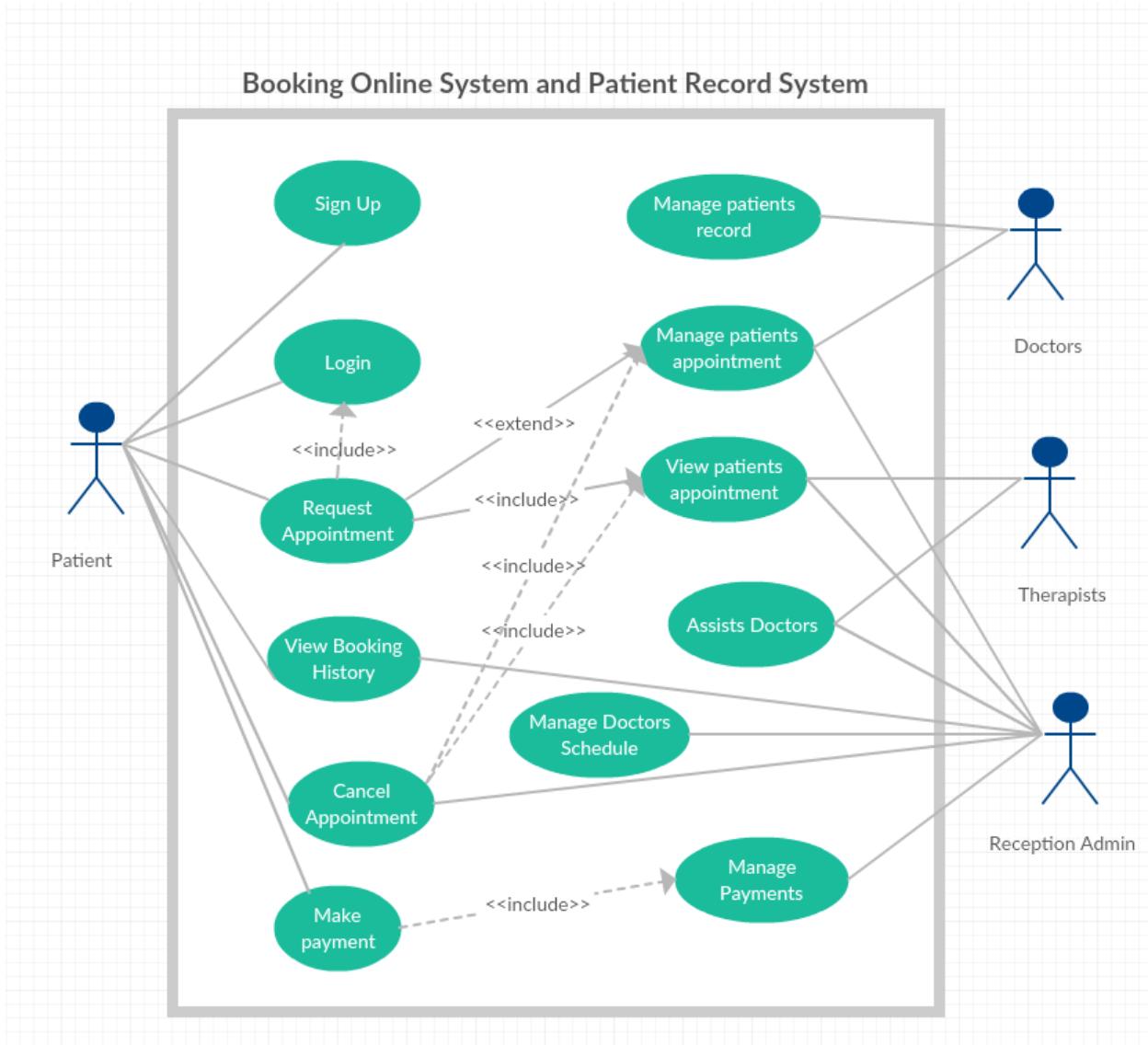
- Each patient can select one or more service/s. Each service can be provided to one or more patient.
- Each patient can request for one appointment. Each appointment can be associated with one patient only.
- Each patient can make one payment only. Each payment is associated to one patient.
- Each patient has one patient record. Each patient record is associated to one patient.
- Each patient record can consist of dental or derma record. Each dental or derma record is associated to one patient record.
- Each employee can provide one or more service/s. Each service is provided by one or more employee.
- All employee is consisting of doctor, reception admin and therapists.
- All doctors are consisting of dentist or dermatologists.
- Each reception admin manages patients' schedule.

Appendix A: Glossary

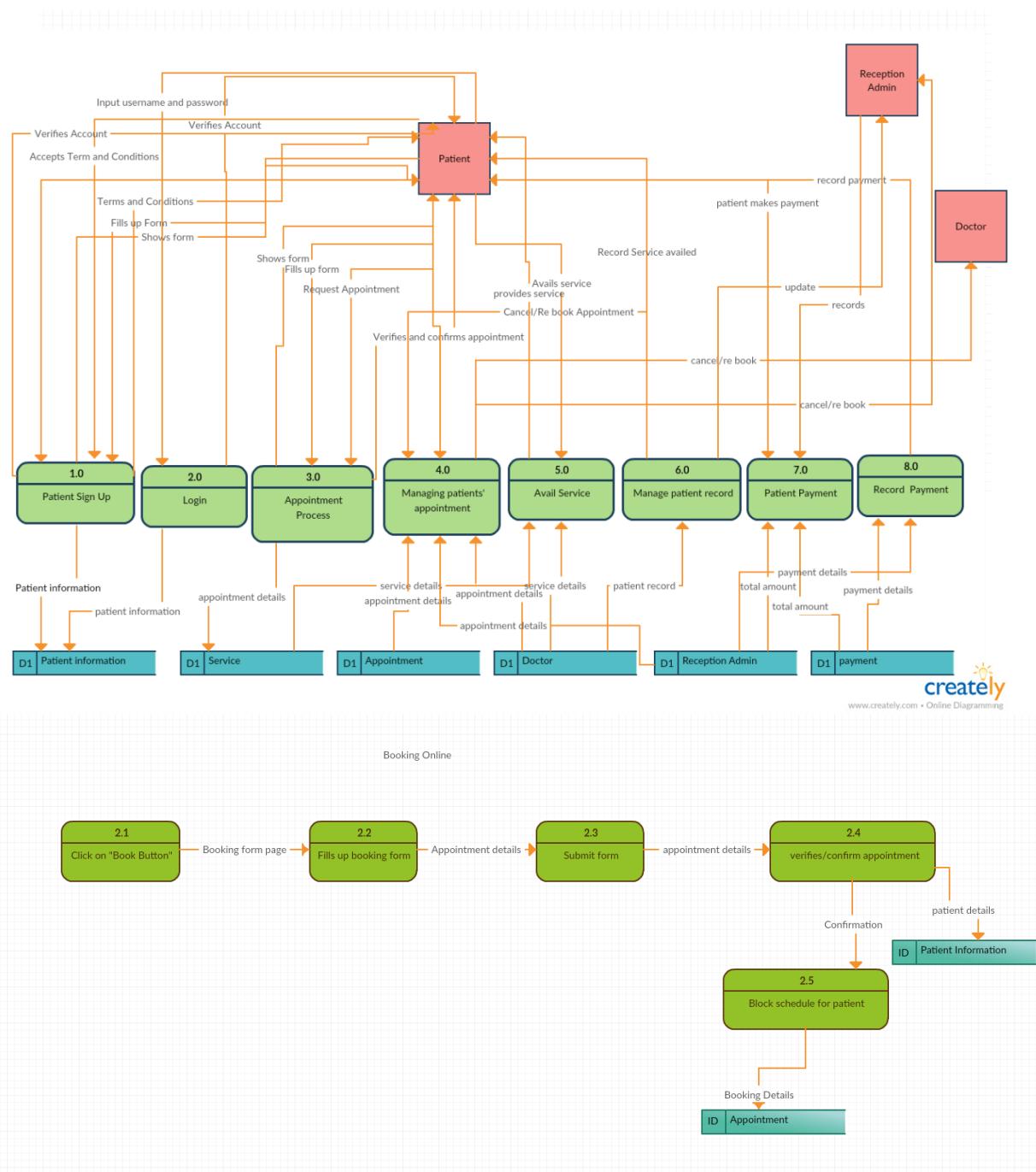
- GHz - means 1 billion cycles per second and when it talks about 2.4 GHz processor, it is usually mean that this is the maximum frequency of the clock to each core.
- RAM - Random Access Memory is the memory or information storage in a computer that is used to store running programs and data for the programs.
- HTTPS - Hypertext Transport Protocol Secure. HTTPS is the same thing as HTTP, but uses a secure socket layer (SSL) for security purposes.
- DrDentAssist – System name/Project name.
- Happy Clinique – Name of the company.

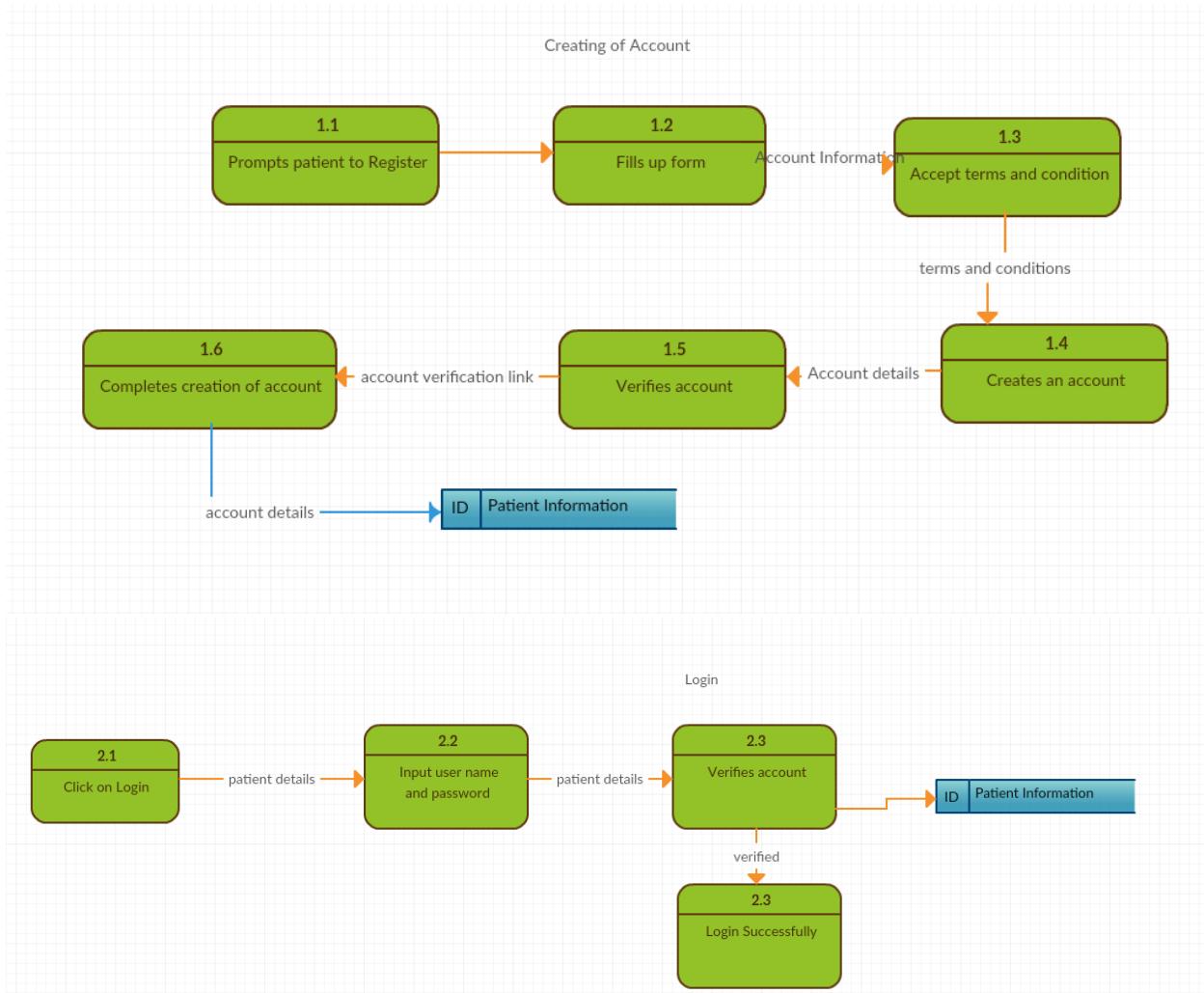
Appendix B: Analysis Models

Use Case Diagram:

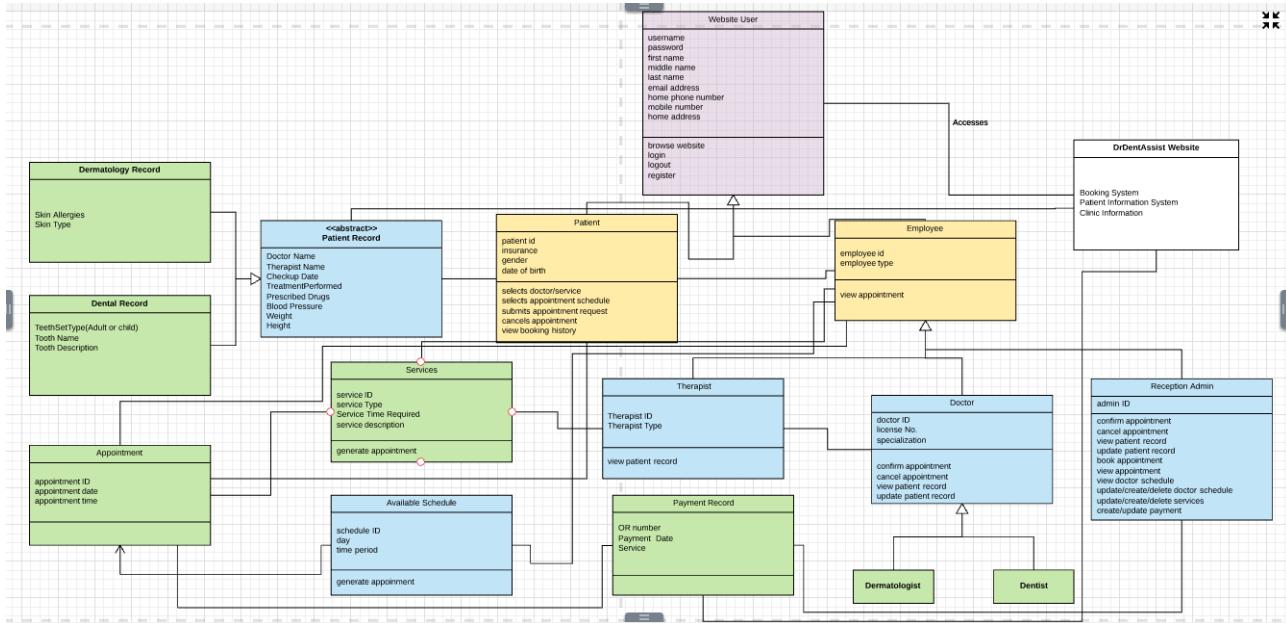


Data Flow Diagram:

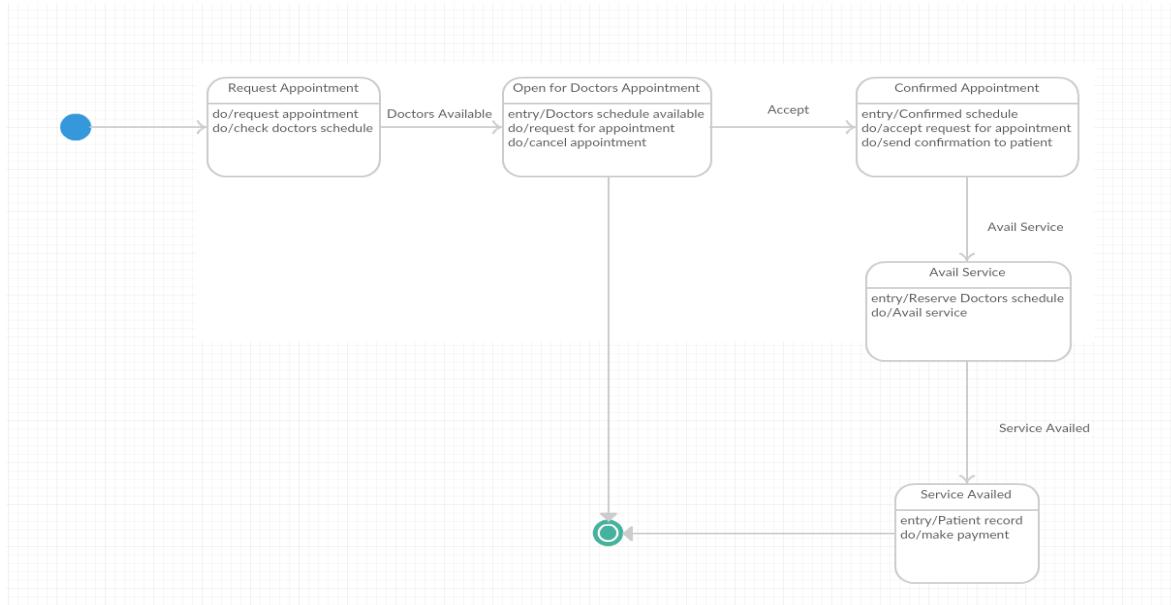




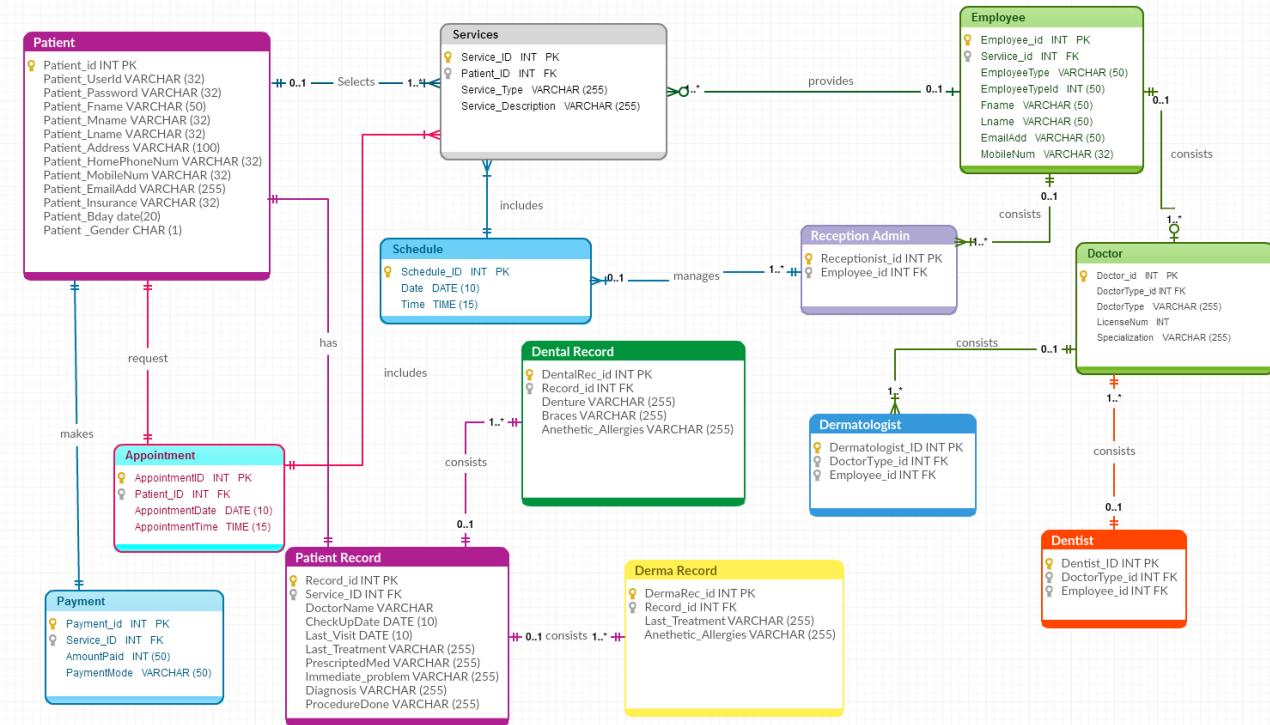
Class Diagram:



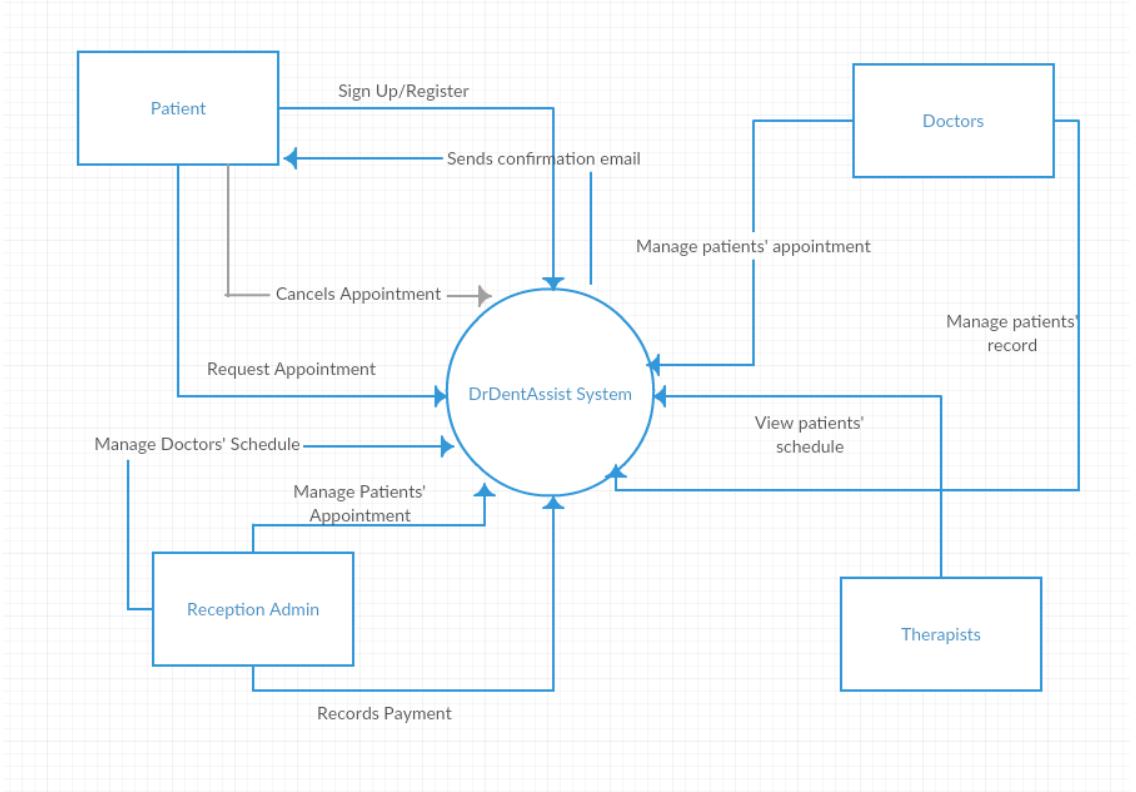
State Transition Diagram:



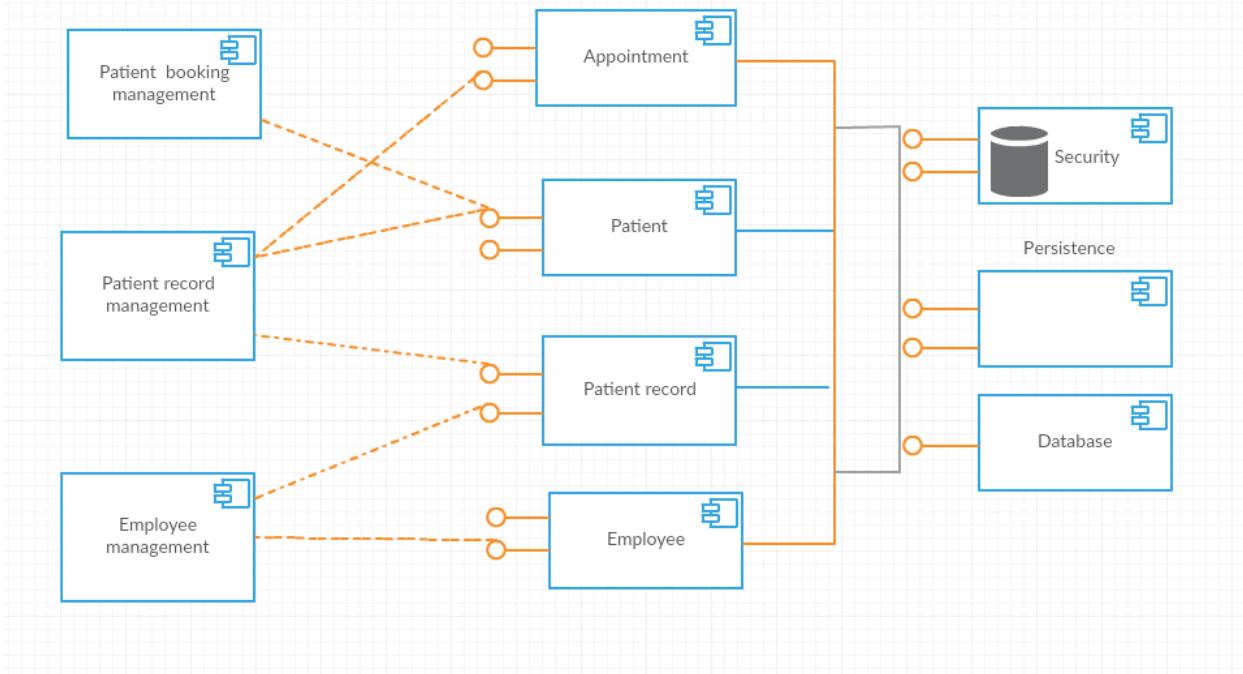
Entity Relationship Diagram (ERD):



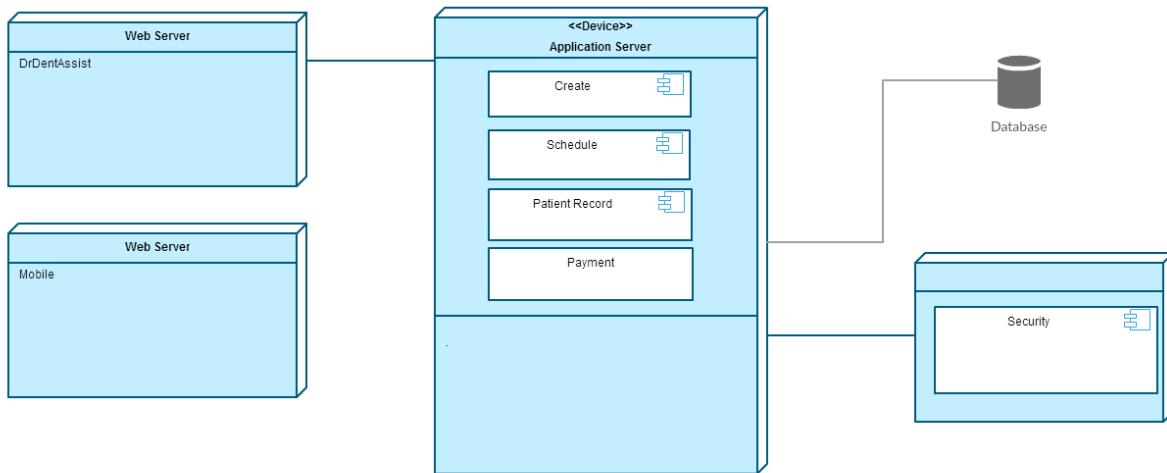
Context Flow Diagram



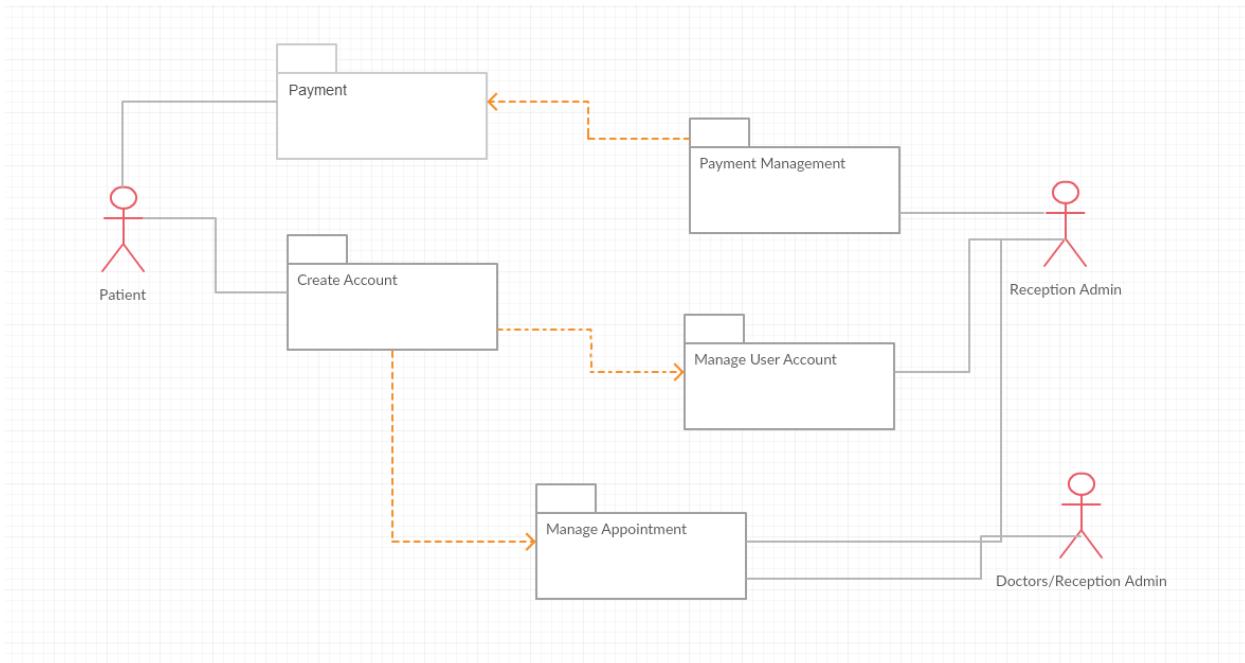
Component Diagram



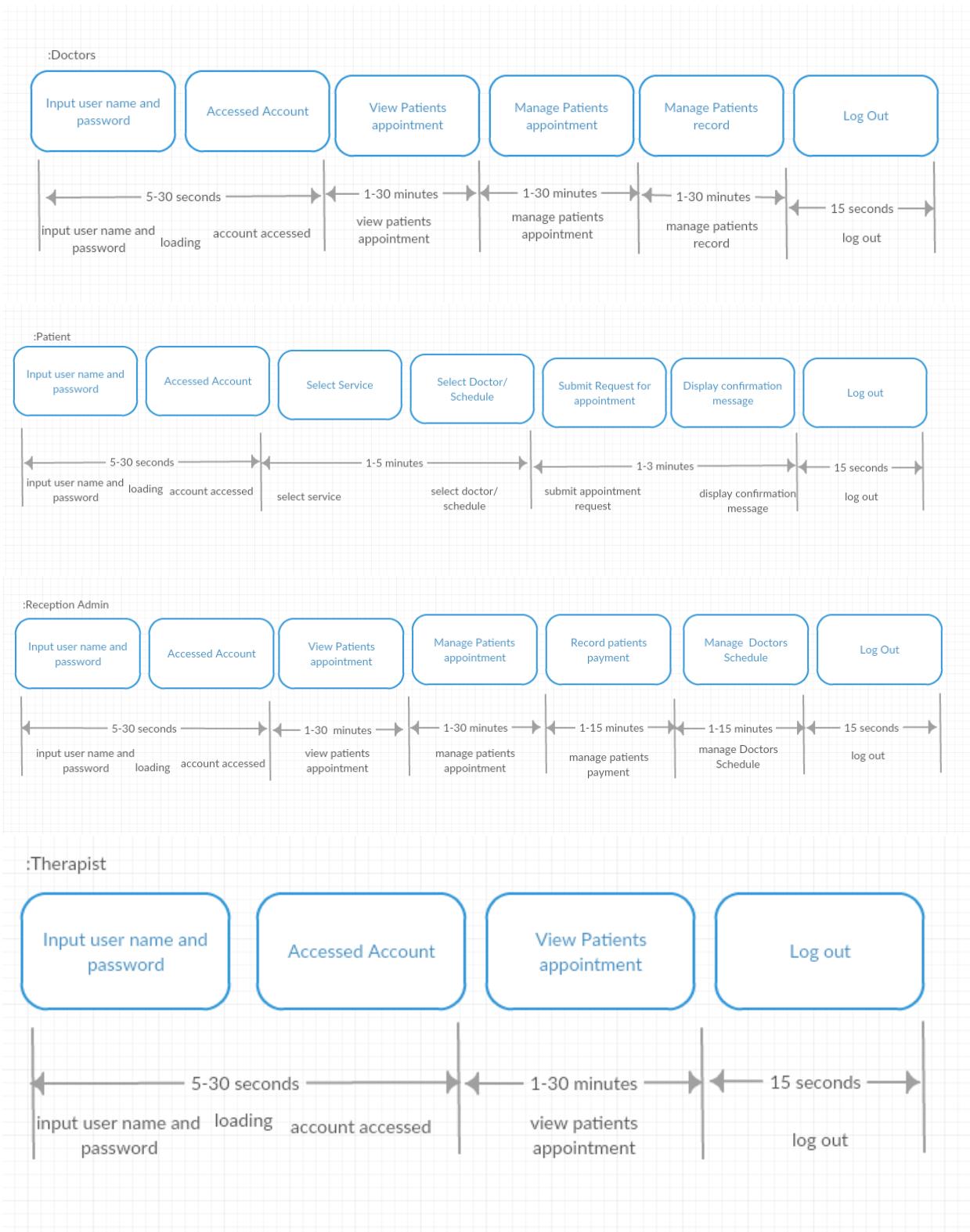
Deployment Diagram



Package Diagram



Timing Diagram



Quality Plan

For

DRDENTASSIST

Version 1.0 approved

Prepared by:

Maria Kristina Punla

Chloe Tañada

Reimarie Princess Quirante

Asia Pacific College

June 14, 2017

1. Introduction

This document, together with other referenced documents, defines the responsibilities and procedures to be adopted to ensure that the data and information produced as part of Project 001 are reliable, fit for purpose and consistent with documented objectives and deliverables. It summarises the system of internal management that governs the decisions and instructions concerning project quality assurance.

2. Project Contractual Information

Project:	Booking Online System and Patients Record System
Project Number:	001
Programme Co-ordinator:	Leticia Aspiras Nancy Calimag
Principal Investigators(s):	Coney Dela Pena Richelle Ravago Welthea Ea Marjorie Celis Lala Marquez Mary Jane Santos Charizza Jinayon

3. Scope of Work and Quality Objectives

Scope of work:

The scope of DrDentAssist

- Patient can view the website
- Patient can request appointment online.
- Patient can cancel appointment.
- Admins can manage patient appointments.
- Admin can manage Doctors Schedule.
- Admin can manage patients' record.
- Admin can manage payment.

DrDentAssist will focus on the dental and derma services of Happy Clinique. The project team will also create a patient record system for the Clinique.

Quality Objectives:

- To provide Happy Clinique a website with an online booking function.
- For Happy Clinique to have a better monitoring of their accepted appointments.
- Provide patients a quick and easy way of requesting for an appointment.
- To completely transitions patients records from paper to paperless.
- To add a feature in the website to record patient's payment.

QA Requirement:

QA Requirement		
Factor	Description	Rank
Accessibility	Admins will be given different permissions. The Admins (Doctors and Reception Admin) can manage patients appointment. While patients would only have permission to manage their own appointment.	
Correctness	The correctness of the system will be determined if the patient was able to submit an appointment request online .	
Efficiency	The system aims to increase patients and increase productivity of employees.	
Expandability	Adding functionality to the system will always be taken into consideration. The system uses Laravel framework which do have a lot of resource or open source.	
Integrity	Doctors are the only one who can make changes on patients record in regards to updating their medical records. Admins like Reception Admin will have access to managing patients appointment.	
Interoperability	The system will engage with different mailing platform. The system will be sending confirmation emails to the patients regarding their registration to the site and appointment request.	
Maintainability	Happy Clinique will be up and running as long as the business is ongoing.	
Portability	The system will soon have a mobile app.	
Presentability	The design of the website is minimalistic. It will contain information about the clinique. It will also show clinique's services offered and the availability of the Doctors.	
Reliability	The system will accept bookings as long as the server is running.	
Reusability	Login and Booking modules can be used in other applications.	
Usability	The system will be designed in a friendly user manner.	

4. Project Organisation

Project Manager(s): Reimarie Princess Quirante

Task Manager(s): Maria Kristina Punla

Quality Assurance: Chloe Tanada

User Community: Lala Marquez

Mary Jane Santos

Charizza Jinayon

Technical Reviews: Leticia Aspiras

Nancy Calimag

5. Project Duration and Scheduling

Start Date:	June 7,2017
Completion Date:	August 23, 2017
Scheduling of Activities:	Gantt charts may be used to clarify complex scheduling; any milestones or holdpoints should be identified.

6. Deliverables

Deliverables specified for the project include:

- (i) Quality Plan
- (ii) Project Progress Report
- (iii) Project Vision and Scope
- (iv) Software Requirements Documentation
- (v) Project Statement at Work
- (vi) Change Management Plan

All project deliverables (the Quality Plan itself, interim reports, progress reports, final reports, publications, maps, data, etc.) should be listed here (and numbered appropriately).

7. Review of Quality Plan

The quality plan will be reviewed every week and will be updated as needed.

8. Document and Record Control

Project documents, records and data will be controlled and stored in GitHub (www.GitHub.com), Planner and Projects Wiki (www.projects2.apc.edu.ph/wiki). All completed documents relating to the project will be book bound at the end of this course. A compact disc will contain a soft copy of all the documentation.

The Quality Plan, Change Management Plan, Vision and Scope Document, Software Requirement Specification, Statement of Work will be issued to all members of the project team.

Project Progress Reports will be issued to the following:

Prof. Manual Sebastian Sanchez

Prof. Jacob Catayoc

9. Documented Procedures

All documentation created for this project is recorded in Github (www.github.com), Planner (Onenote.com), Trello (www.trello.com) and Projects Wiki (www.projects2.apc.edu.ph/wiki). All data gathered for this project came from internet and from interviews and survey made with the client. Other documentations are also from our project advisers, project consultant and class adviser. All pertinent documentation are reviewed every week by the professors.

Prepared by:

Maria Kristina Punla

Date: July 20, 2017

Checked by:

Chloe Tañada

Date: July 20, 2017

Approved by:

Reimarie Princess Quirante

Date: July 20, 2017

Change Management Plan

For

DrDentAssist

Version 1.0 approved

Prepared by:

Chloe Tañada

Maria Kristina Punla

Reimarie Princess Quirante

Asia Pacific College

July 11, 2017

Change Management Plan

1. Introduction

Change Management Plan is created for DrDentAssist System in order to define activities and roles to manage and control change during execution and control stage of the project. The client should comply with the change management plan for all requests and changes in the system.

2. Change Management Approach

The Change Management approach for DrDentAssist System will make sure that plan or proposed changes are clear, studied, documented and approved to avoid problems with the implementation. The strategy is to make sure that only approved changes will be implemented.

The Change Management approach consists of three areas:

- Changes should be within scope and valuable to the project
- Implementation of the approved change must be well defined.
- Be able to implement the change.

The purpose of Change Management process is to make sure that this approach is charted for all changes. Through this methodology, the developers will avoid unplanned and unnecessary change from occurring.

3. Definitions of Change

There are several types of changes that can be requested and considered for the project. Depending on the size and type of the proposed changes, changes the project documentation, and these changes are then included into the project plan and ensured that all the project stakeholders are aware and notified.

Types of changes include:

Scheduling Changes:

Change that will affect the approved project schedule.

Budget Changes:

Practically for each situation, change implies more prominent cost. It's uncommon to have change lessen cost. Change management includes sponsors of the project - those paying for it - comprehend the effect of changes on the financial plan. Where changes can be controlled, for example, budget impacts, are part of the change analysis and may result in a decision to forego or defer the changes. The project team, led by the project manager, should also be prepared to brainstorm on ways to hold to the budget despite the impact of changes.

Scope Changes:

Changes which are necessary and impact the project's scope which may be the result of unforeseen requirements which were not initially planned for. These changes may also impact budget and schedule. These changes may require revision to WBS, project scope statement, and other project documentation as necessary.

The project manager must ensure that any approved changes are communicated to the project stakeholders. Additionally, as changes are approved, the project manager must ensure that the changes are captured in the project documentation where necessary. These document updates must then be communicated to the project team and stakeholders as well.

4. Change Control Board

A Change Control Board (CCB) or Software Change Control Board (SCCB) is a team that makes decisions regarding whether proposed changes to a software project is to be executed. The change control board is composed of project stakeholders.

Table below consist the list of the CCB members for the Project:

Name	Position	CCB Role
Leticia Aspiras	Project Sponsor	CCB Chair
Reimarie Princess Quirante	Project Manager	CCB Member
Maria Kristina Punla	Project Team Member	CCB Member
Chloe Tanada	Project Team Member	CCB Member

Once the Project Team sends change requests to the Project Manager, the project manager will document the requests in the change log and the Change Control Board will

conduct a meeting to do a run of reviews and discussions on all the change requests. In order for change to be instigated, all members of the CCB should decide whether they approved the request or not. Any further data and explanation regarding the change requests can be discussed in the meeting. Changes that are deemed critical should be given an importance to review the change.

5. Roles and Responsibilities

Roles and responsibilities for all change management.

Project Sponsor:

Role:

Overall accountability of the project.

Responsibilities:

- Ensures that project is under control.
- Monitors progress of the project.
- Gives approval to all requested change
- Approve all changes to schedule baseline
- Manages the project team
- Approves project charter and documentation
- Ensures that approved changes are implemented properly
- Approves project deliverables

Project Manager:

Role:

Overall responsibility for the analyzing, planning, design, implementation, monitoring and managing the completion of the project.

Responsibilities:

- designing and applying appropriate project management standards
- managing the production of the required deliverables
- planning and monitoring the project
- manage project risks
- monitoring overall progress of the project
- Manage deliverables
- Form schedule on the changes

- Receives and documents change requests from project stakeholders
- Clarifies unclear change requests from the requestors
- Participate in Change Control Board.
- Documents all processes.
- Approves job orders and change orders

Project Team/Stakeholders:

Role:

To perform tasks that have been assigned to the and keeps the project manager updated on all concerns.

Responsibilities:

- Contributes and participates to overall project objectives.
- Completing individual tasks and deliverables
- Providing expertise
- Working with users to establish and see business needs

6. Change Control Process

The following are the process to be used when implementing changes.

1. Fill up change request form and submit.
2. Change Control Board (CCB) reviews submitted changes or execution of changes to the project.
3. Submitted change request will be scheduled for a Technical Approval. In order to review the request by suitable people to regulate the technical impact the change might do in the user environment.
4. Seek Technical Approval.
5. Implement Change.

ACCEPTANCE

Approved by:

Leticia Aspiras
Owner

Date: _____

List of Figures and List of Tables

For

DrDentAssist

Version 1.0 approved

Prepared by:

Chloe Tañada

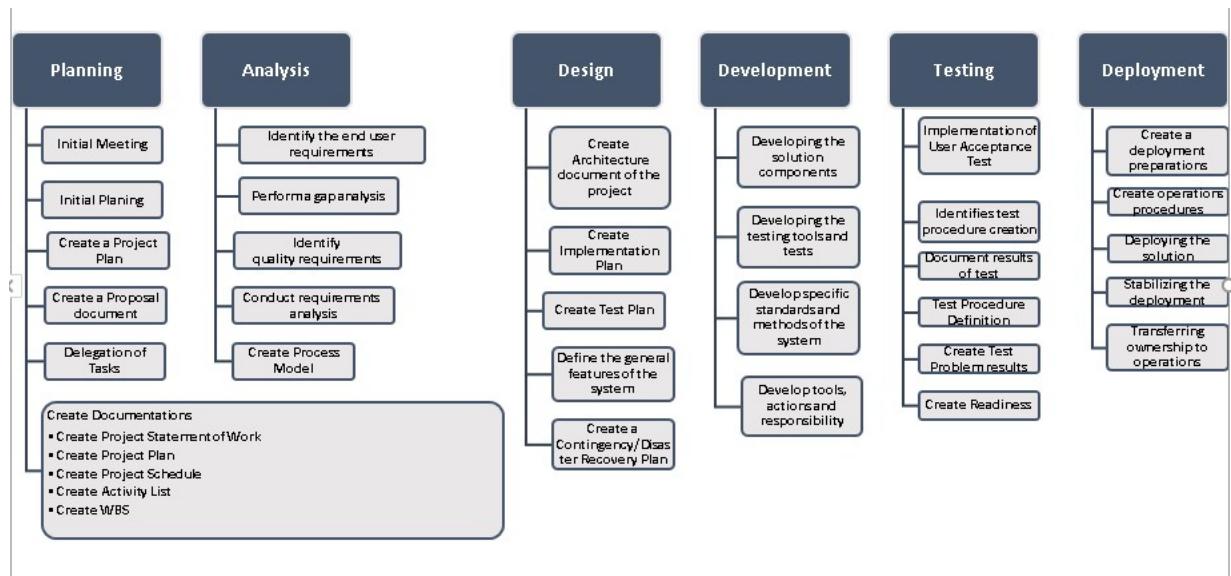
Maria Kristina Punla

Reimarie Princess Quirante

Asia Pacific College

July 11, 2017

Work Breakdown Structure

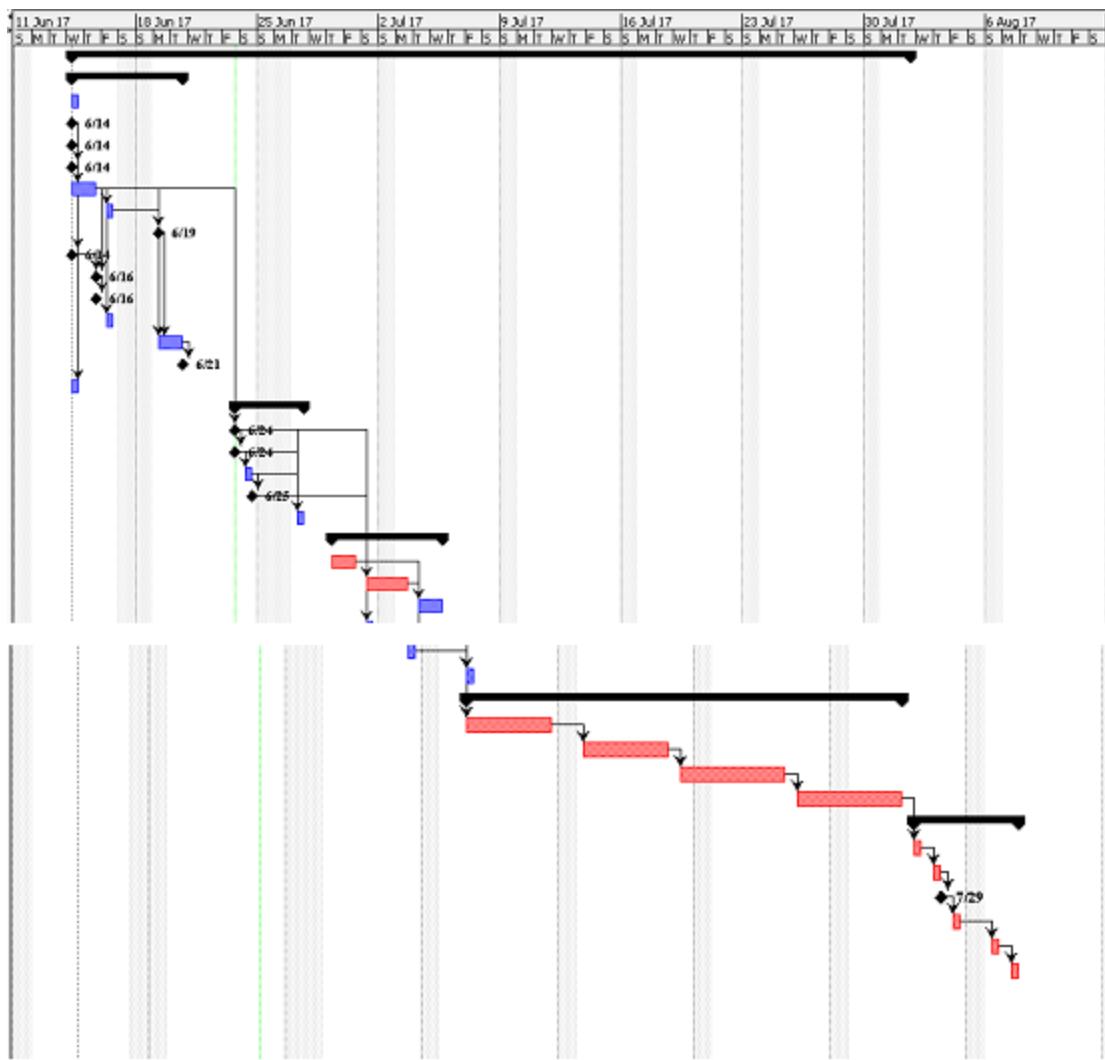


Project Estimates

Staff	Stages							Total Time
	Planning	Analyzing	Designing	Developing	Testing	Implementin		
	(1 week)	(1 week)	(3 weeks)	(3 weeks)	(1 week)	(1 week)		
Project Manager	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	320 hours	
	1 week	1 week	1 week	3 weeks	1 week	1 week		
Instructional Designer	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	360 hours	
	2 week	1 week	1 week	3 weeks	1 week	1 week		
Subject Matter Expert			40.0 hours *				120 hours	
			3 weeks					
Graphic Designer			40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	320 hours	
			3 weeks	3 weeks	1 week	1 week		
System Programmer			40.0 hours *	40.0 hours *	40.0 hours *	40.0 hours *	280 hours	
			2 weeks	3 weeks	1 week	1 week		
Writer/Editor			40.0 hours *	40.0 hours	40.0 hours		160 hours	
			2 weeks	1 week	1 week			
Reviewer			40.0 hours		40.0 hours *		80 hours	
			1 week		1 week			
Total Time	120 hours	80 hours	520 hours	520 hours	200 hours	120 hours	1640 hours	

Gantt chart

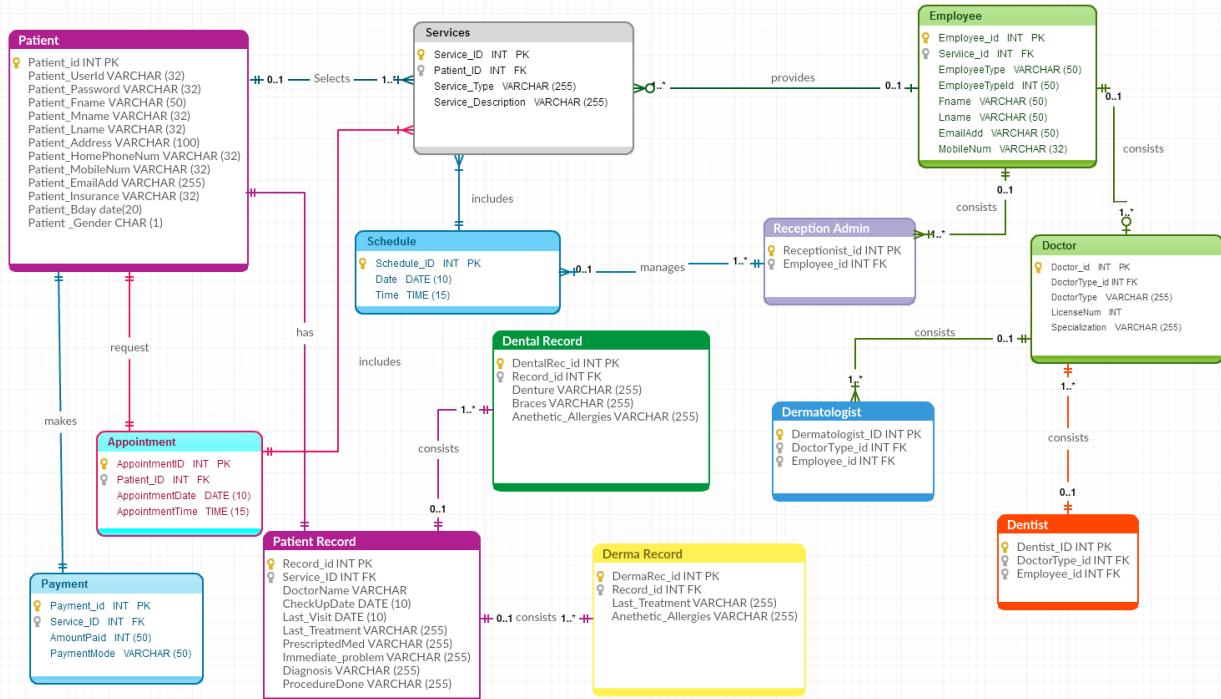
		Name	Duration	Start	Finish	Predecessors
1.		Work Breakdown Schedule	40 days	6/14/17 8:00 AM	8/1/17 5:00 PM	
2.		Planning	5 days	6/14/17 8:00 AM	6/19/17 5:00 PM	
3.		Initial meeting	1 day	6/14/17 8:00 AM	6/14/17 5:00 PM	
4.		Create Project Team	0 days	6/14/17 8:00 AM	6/14/17 8:00 AM	
5.		Brainstorm on what project/system to develop	0 days	6/14/17 8:00 AM	6/14/17 8:00 AM	
6.		Rinaldo which project to propose	0 days	6/14/17 8:00 AM	6/14/17 8:00 AM	5
7.		Create a project plan	2 days	6/14/17 8:00 AM	6/15/17 5:00 PM	6
8.		Create a proposal document	1 day	6/15/17 8:00 AM	6/16/17 5:00 PM	7
9.		Submit Proposal Document	0 days	6/19/17 8:00 AM	6/19/17 8:00 AM	8
10.		Delegation of Tasks/Roles	0 days	6/14/17 8:00 AM	6/14/17 8:00 AM	6
11.		Seek for an adviser	0 days	6/15/17 5:00 PM	6/15/17 5:00 PM	10;7
12.		Schedule appointments for adviser consultation	0 days	6/15/17 5:00 PM	6/15/17 5:00 PM	11
13.		Set goals and objectives	1 day	6/16/17 8:00 AM	6/16/17 5:00 PM	7
14.		Create Vision and Scope of the Project	2 days	6/19/17 8:00 AM	6/20/17 5:00 PM	7;9
15.		Perform a phase review	0 days	6/20/17 5:00 PM	6/20/17 5:00 PM	14
16.		Create a Communications Plan	1 day	6/14/17 8:00 AM	6/14/17 5:00 PM	6
17.		Analysis	2 days	6/23/17 8:00 AM	6/27/17 5:00 PM	
18.		Identify the end user requirements.	0 days	6/23/17 5:00 PM	6/23/17 5:00 PM	7
19.		Perform a gap analysis.	0 days	6/23/17 5:00 PM	6/23/17 5:00 PM	18
20.		Identify quality requirements	1 day	6/24/17 8:00 AM	6/24/17 5:00 PM	19
21.		Conduct requirements analysis.	0 days	6/24/17 5:00 PM	6/24/17 5:00 PM	20
22.		Create Process Model	1 day	6/27/17 8:00 AM	6/27/17 5:00 PM	18;19;20;21
23.		Design	6 days	6/29/17 8:00 AM	7/5/17 5:00 PM	
24.		Create Architecture document of the project	2 days	6/29/17 8:00 AM	6/30/17 5:00 PM	
25.		Create Implementation Plan	2 days	7/1/17 8:00 AM	7/3/17 5:00 PM	24
26.		Create Test Plan	2 days	7/4/17 8:00 AM	7/5/17 5:00 PM	25
27.		Define the general features of the system	1 day	7/1/17 8:00 AM	7/1/17 5:00 PM	18;21;24
28.		Create a Contingency/Disaster Recovery Plan	1 day	7/4/17 8:00 AM	7/4/17 5:00 PM	24;25
29.		Development	20 days	7/4/17 8:00 AM	7/26/17 5:00 PM	
30.		Developing the solution components	5 days	7/4/17 8:00 AM	7/8/17 5:00 PM	24;25;27
31.		Developing the testing tools and tests	5 days	7/10/17 8:00 AM	7/14/17 5:00 PM	30
32.		Develop specific standards and methods of the system	5 days	7/15/17 8:00 AM	7/20/17 5:00 PM	31
33.		Develop tools, actions and responsibility	5 days	7/21/17 8:00 AM	7/26/17 5:00 PM	32
34.		Testing	5 days	7/27/17 8:00 AM	8/1/17 5:00 PM	
35.		Implementation of User Acceptance Test	1 day	7/27/17 8:00 AM	7/27/17 5:00 PM	33
36.		Identifies test procedure creation	1 day	7/28/17 8:00 AM	7/28/17 5:00 PM	35
37.		Document results of test	0 days	7/28/17 5:00 PM	7/28/17 5:00 PM	36
38.		Test Procedure Definition	1 day	7/29/17 8:00 AM	7/29/17 5:00 PM	37
39.		Create Test Problem results	1 day	7/31/17 8:00 AM	7/31/17 5:00 PM	38
40.		Create Readiness	1 day	8/1/17 8:00 AM	8/1/17 5:00 PM	39



Activity List

Activity #	Activity Name	Activity Name Description	# of Days	Start Date	Dependency	Milestone
1	Planning	Planning on Project Development	1	6/7/2017		Final Decision of the project
2	Analysis		1	6/7/2017	SS	Final Analysis
2.1	Documentation	Project Requirement Analysis	1	6/21/2017	1FS + 5 day lag	
2.2		WBS/Gantt Chart/Activity List	13	6/14/2017	5 day lag	
3	Analysis	Project Documents	5	6/14/2017	FS	Final Documents
4	Design	System Architecture	20	6/14/2017	lag	Detailed Design
4.1	Development	System Development	10	6/14/2017	5 day lag	Software Code
4.2	GUI	Develop GUI	20	6/14/2017	lag	Prototype
4.3	Code	Code subroutine	25	6/14/2017	5 day lag	Final Working Prototype
5	Online requirements	System Functions Development	2	6/14/2017	3 day lag	Final Online Documents
5.1	Online requirements	Wiki	2	6/14/2017	3 day lag	Final Online Documents
5.2	Online requirements	Microsoft Planner	0	6/14/2017	1 day lag	Final Online Documents
		Github				

Entity Relationship Diagram



Data Dictionary

Appointment						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
AppointmentID	Integer	9999999999	50	PK	Not	Appointment Id number
Patient_ID	Integer	9999999999	50	FK	Not	Patient ID Number
AppointmentDate	Date	MM/DD/YYYY	10		Not	Appointment date
AppointmentTime	Time	hh:mm:ss	10		Not	Appointment time

Dental Record						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
DentalRec_id	Integer	9999999999	50		Not	Dental record id number
Record_id	Integer	9999999999	50		Not	Record id number
Last_Visit	Date	MM/DD/YYYY	10			Last date of visit
last_treatment	Varchar	Xxxxxxxxxxxxxx	255			Last treatment
Denture	Varchar	Xxxxxxxxxxxxxx	255			Patient Denture
Braces	Varchar	Xxxxxxxxxxxxxx	255			Patient Braces
Anesthetic_Allergies	Varchar	Xxxxxxxxxxxxxx	255			Anesthetic Allergies

Derma Record						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
DermaRec_id	Integer	9999999999	50		Not	Derma Record Id number
Record_id	Integer	9999999999	50		Not	Record ID number
Last_Visit	Date	MM/DD/YYYY	10			Last date of visit
last_treatment	Varchar	MM/DD/YYYY	255			Last treatment
Anesthetic_Allergies	Varchar	Xxxxxxxxxxxxxx	255			Anesthetic Allergies

Dentist						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Dentist_ID	Integer	9999999999	50		Not	Dentist Id number
DoctorType_id	Integer	9999999999	50		Not	Doctor type id number
Employee_id	Integer	9999999999	50		Not	Employee id number

Dermatologist						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Dermatologist_ID	Integer	9999999999	50		Not	Dermatologist id number
DoctorType_id	Integer	9999999999	50		Not	Doctor type id number
Employee_id	Integer	9999999999	50		Not	Employee id number

Doctor						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Doctor_id	Integer	9999999999	50		Not	Doctor id number
DoctorType_id	Integer	9999999999	50		Not	Doctor type id number
DoctorType	Varchar	Xxxxxxxxxxxx	50		Not	Type of Doctor
LicenseNum	Integer	9999999999	50			License number of Doctor
Specialization	Varchar	Xxxxxxxxxxxx	255		Not	Doctor's specialization

Employee						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Employee_id	Integer	9999999999	50		Not	Employee id number
Service_ID	Integer	9999999999	50			Service id number
EmployeeType_id	Integer	9999999999	50			Employee type id number
EmployeeType	Varchar	Xxxxxxxxxxxx	50			Type of employee
Fname	Varchar	Xxxxxxxxxxxx	50			Employees' first name
Lname	Varchar	Xxxxxxxxxxxx	50			Employees' last name
EmailAdd	Integer	9999999999	50			Employees' email address
MobileNum	Integer	9999999999	10			Employees' mobile number

Patient						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Patient_ID	Integer	9999999999	50	PK	Not	Patient ID Number
Patient_UserId	VarChar	Xxxxxxxxxxxx	32		Not	Patient user id
Patient_Password	VarChar	Xxxxxxxxxxxx	32		Not	Patient password
Patient_Fname	VarChar	Xxxxxxxxxxxx	50			Patient first name
Patient_Mname	VarChar	Xxxxxxxxxxxx	32			Patient middle name
Patient_Lname	VarChar	Xxxxxxxxxxxx	32			Patient last name
Patient_Address	VarChar	Xxxxxxxxxxxx	100			Patient address
Patient_HomePhonuNum	VarChar	Xxxxxxxxxxxx	32			Patient home phone number
Patient_MobileNum	VarChar	Xxxxxxxxxxxx	32			Patient mobile number
Patient_EmailAdd	VarChar	Xxxxxxxxxxxx	255			Patient email address
Patient_Insurance	VarChar	Xxxxxxxxxxxx	32			Patient Insurance
Patient_Birthdate	Date	MM/DD/YYYY	20			Patient Birthdate
Patient_Gender	Char	X	1			Patient Gender

Patient Record						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Record_id	Integer	9999999999	50	PK	Not	Record id numbe
Patient_id	Integer	9999999999	50	FK	Not	Patient id number
Service_ID	Integer	9999999999	50	FK	Not	Service ID number
DoctorName	Varchar	Xxxxxxxxxxxx	50		Not	Service ID number
CheckUpDate	Date	MM/DD/YYYY	10		Not	Check up date of patient
PrescribedMed	Varchar	Xxxxxxxxxxxx	255			Prescription of patient
Diagnosis	Varchar	Xxxxxxxxxxxx	255		Not	Diagnosis of patient
ProcedureDone	Varchar	Xxxxxxxxxxxx	255		Not	Procedure done to patient
Immediate_problem	Varchar	Xxxxxxxxxxxx	255		Not	Immediate problem of patient

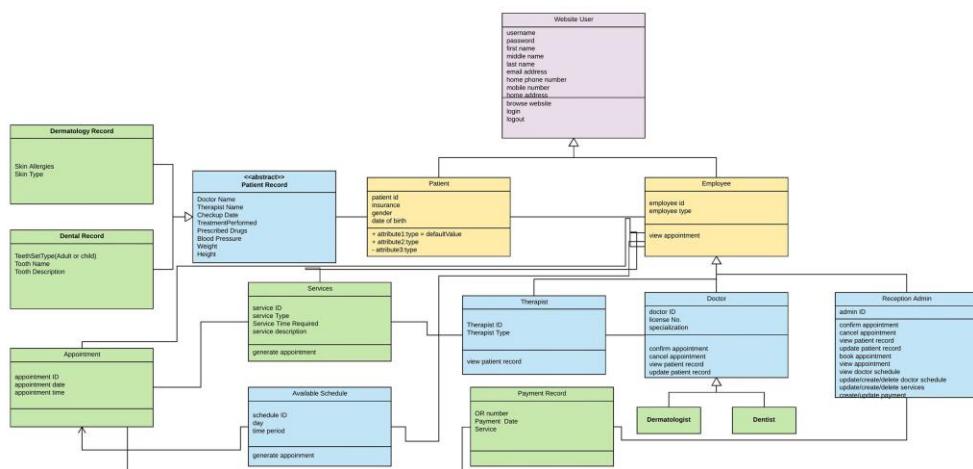
Payment						
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Payment_id	Integer	9999999999	50	PK	Not	Payment ID number
Service_ID	Integer	9999999999	50	FK	Not	Service ID number
AmountPaid	Integer	9999999999	50		Not	Amount Paid
PaymentMode	Varchar	Xxxxxxxxxxxx	50		Not	Payment Mode

Reception Admin						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Receptionist_Id	Integer	9999999999	50		Not	Receptionist id number
Employee_id	Integer	9999999999	50		Not	Employee id number

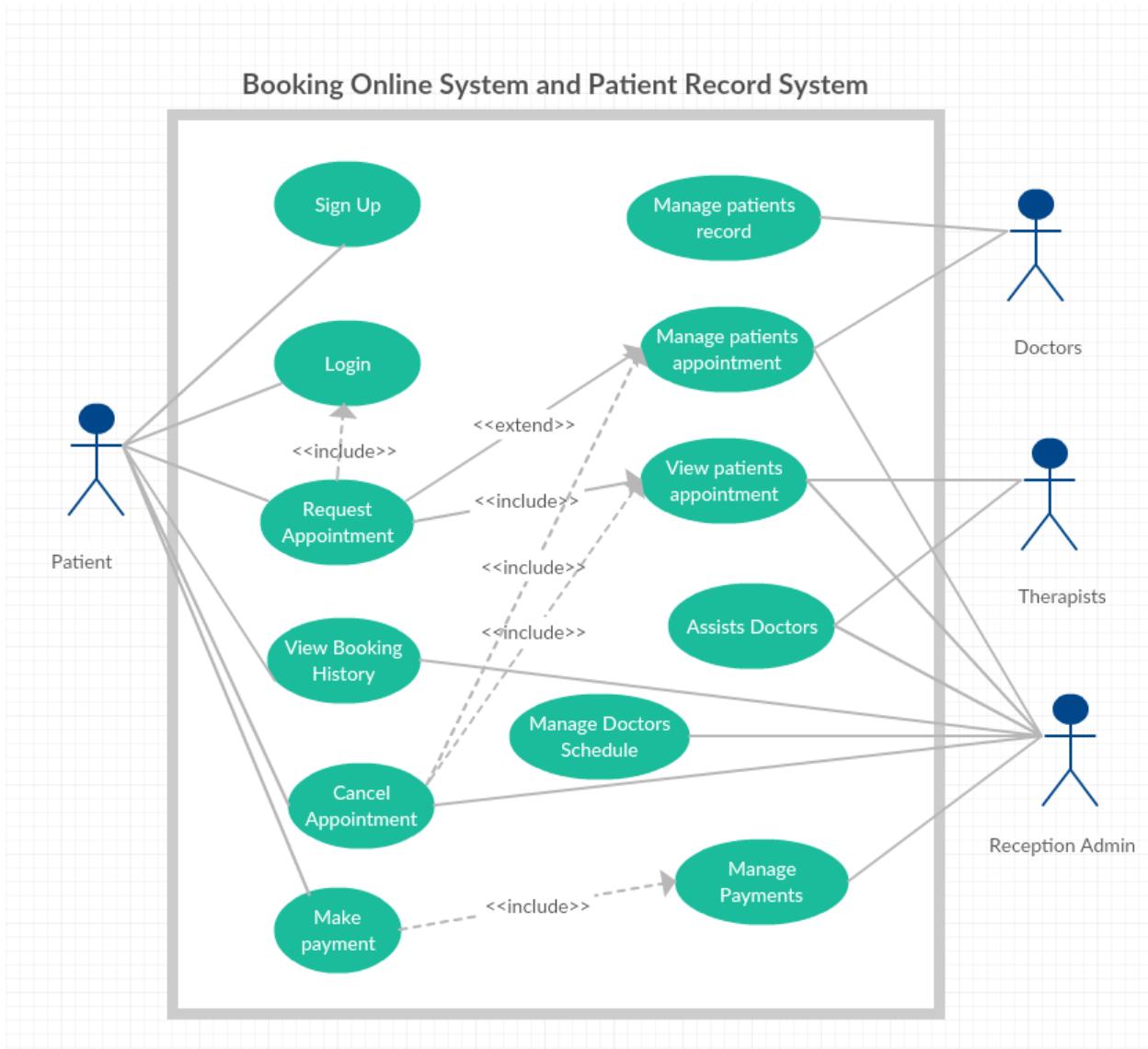
Schedule						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Schedule_ID	Integer	9999999999	32	PK	Not	Schedule id number
Date	Date	MM/DD/YYYY	10		Not	Scheduled date
Time	Time	hh:mm:ss	10		Not	Scheduled time

Services						
Field Name	Data Type	Field Format	Field Size	Key	Nullability	Description
Service_ID	Integer	9999999999	32	PK	Not	Service id number
Patient_ID	Integer	9999999999	32	FK	Not	Patient ID Number
Service_Type	VarChar	Xxxxxxxxxxxxxx	255			Service type requested
Service_description	VarChar	Xxxxxxxxxxxxxx	255			Service description

Class Diagram



Use Case Diagram



Use Case Narrative

Use Case	Assist Doctors
Actor	Therapists
Goal in context	To assists doctors with their day to day task.
Trigger	Doctors will be needing assistance from therapist.
Pre condition	Doctors needs assistance.
Post condition	Therapists assisted Doctors with their day to day task.
Scenario	<ol style="list-style-type: none"> 1. Doctors needs assistance from therapists to perform his day to day task. 2. Therapist will assist Doctors.

Use Case	View Booking History
Actor	Patient, Doctors, Therapists or Reception Admin
Goal in context	Actors would like to view booking history of a patient.
Trigger	When one of the actors would like to view booking history of patient.
Pre condition	Patient needs to be login to the website.
Post condition	Actors successfully view patients booking history.
Scenario	<ol style="list-style-type: none"> 1. Patient will click on "Booking History" button. 2. System will display the "Booking History" page.

Use Case	Cancel Appointment
Actor	Patient, Doctors or Reception Admin
Goal in context	Appointment needs to be cancel.
Trigger	When either the patient or the Doctors need to cancel a patient's appointment.
Pre condition	Patient have an existing appointment.
Post condition	Actors successfully cancelled an appointment.
Scenario	<ol style="list-style-type: none"> 1. Patient, Doctor or Reception Admin will click on cancel appointment button. 2. System will receives the request for cancellation. 3. System accepts the cancellation request and will cancel the appointment in the system. 4. System will send an email to actors that appointment has been cancelled. 5. Actors will receive a confirmation email that appointment has been cancelled. 6. System will update schedule.

Use Case	Login
Actor	Patient
Goal in context	Patient wants to login to the website.
Trigger	When the patient wants to login.
Pre condition	The system will show the login page.
Post condition	Patient successfully login to the website.
Scenario	<ol style="list-style-type: none"> 1. The patient access the website. 2. The system shows the login page. 3. The patient enters required login credentials. 4. The patient clicks on login button. 5. The system receives the requests. 6. Login Successfully.

Use Case	Make Payment
Actor	Patient
Goal in context	Patient to make payment.
Trigger	Patient had avail the service and will make payment
Pre condition	Patient had avail a service
Post condition	Patients' payment is recorded
Scenario	<ol style="list-style-type: none"> 1. Patient had avail service/s from Happy Clinique. 2. Patient will pay for the service. 3. Reception Admin will accept the payment. 4. Reception Admin will record patients' payment in the system. 5. System saves the input.
Use Case	Manage Doctors Schedule
Actor	Reception Admin
Goal in context	To manage Doctors schedule.
Trigger	Changes in Doctors schedule.
Pre condition	Doctor is an employee in the clinique.
Post condition	Doctors schedule are managed.
Scenario	<ol style="list-style-type: none"> 1. Doctors needs to change their schedule. 2. Reception Admin in behalf of Doctors request can manage their schedule in the system. 3. Reception Admin will update Doctors schedule in system. 4. The system receives, accepts and update Doctors schedule. 5. System will display Doctors schedule.
Use Case	Manage patients appointment.
Actor	Doctors and Reception Admin
Goal in context	Actors will act as administrators who can manage patients appointment.
Trigger	When Doctor or Reception Admin needs to make changes on appointment.
Pre condition	Patient have an existing appointment.
Post condition	Patients appointment has been updated in the system.
Scenario	<ol style="list-style-type: none"> 1. Appointment needs to be change or cancel. 2. The Doctor and Reception Admin as administrator of the site will have the permission to manage the schedule on the site. 3. System receives/accepts request to change/cancel schedule. 4. System sends a confirmation email to patient, Doctors and Reception Admin about changes made in the schedule. 5. Patient, Doctors and Reception Admin will receive a confirmation email about changes made in the schedule.
Use Case	Manage patients record.
Actor	Doctors
Goal in context	To put in record patients medical history.
Trigger	Doctor needs to update patients medical history.
Pre condition	Patient have undergone dental or derma procedure.
Post condition	Patients record in the system is updated.
Scenario	<ol style="list-style-type: none"> 1. Patient have undergone dental or derma procedure. 2. Doctor will record any activity done with the patient in the system. 3. System will saves patients record.

Use Case		Manage Payments
Actor	Reception Admin	
Goal in context	Reception Admin is in charge of accepting and recording payments.	
Trigger	Reception Admin receives payment from patient.	
Pre condition	Patient has a completed service done by the Doctors.	
Post condition	Payment of patient has been recorded.	
Scenario	<ol style="list-style-type: none"> 1. Patient have undergone any dental or derma procedure. 2. Patient pays for the service to the reception admin. 3. Reception Admin accepts the payment 4. Reception Admin records payment in the system. 5. System records the payment. 	
Use Case		Sign Up
Actor	Patient	
Goal in context	Patient wants to sign up.	
Trigger	When the patient wants to sign up.	
Pre condition	The system will show the sign up form.	
Post condition	Patient successfully signed up to the system.	
Scenario	<ol style="list-style-type: none"> 1. The patient access the website. 2. The website will display the sign up button. 3. The patient select on sign up button. 4. The website will show the sign up page. 5. The patient fills up the sign up form. 6. The patient submits the form. 7. The system receives the form. 8. Patient confirms the registration. 9. Sign up successfully. 	

Use Case	Request Appointment
Actor	Patient
Goal in context	Patient wants to request an appointment.
Trigger	When patients wants to request an appointment.
Pre condition	Patient needs to be login to the website.
Post condition	Patient successfully submitted a request for an appointment.
Scenario	<ol style="list-style-type: none"> 1. Patient will click on "Book" button. 2. The system will show the request for appointment form. 3. Patient will fill up the form by selecting service, Doctor and schedule. 4. Patient will submit the form 4. System will display a message that patient's request has been submitted. 5. System will send an email with details regarding the appointment request. 6. Patient will receive a confirmation email that his request for an appointment has been acknowledged.

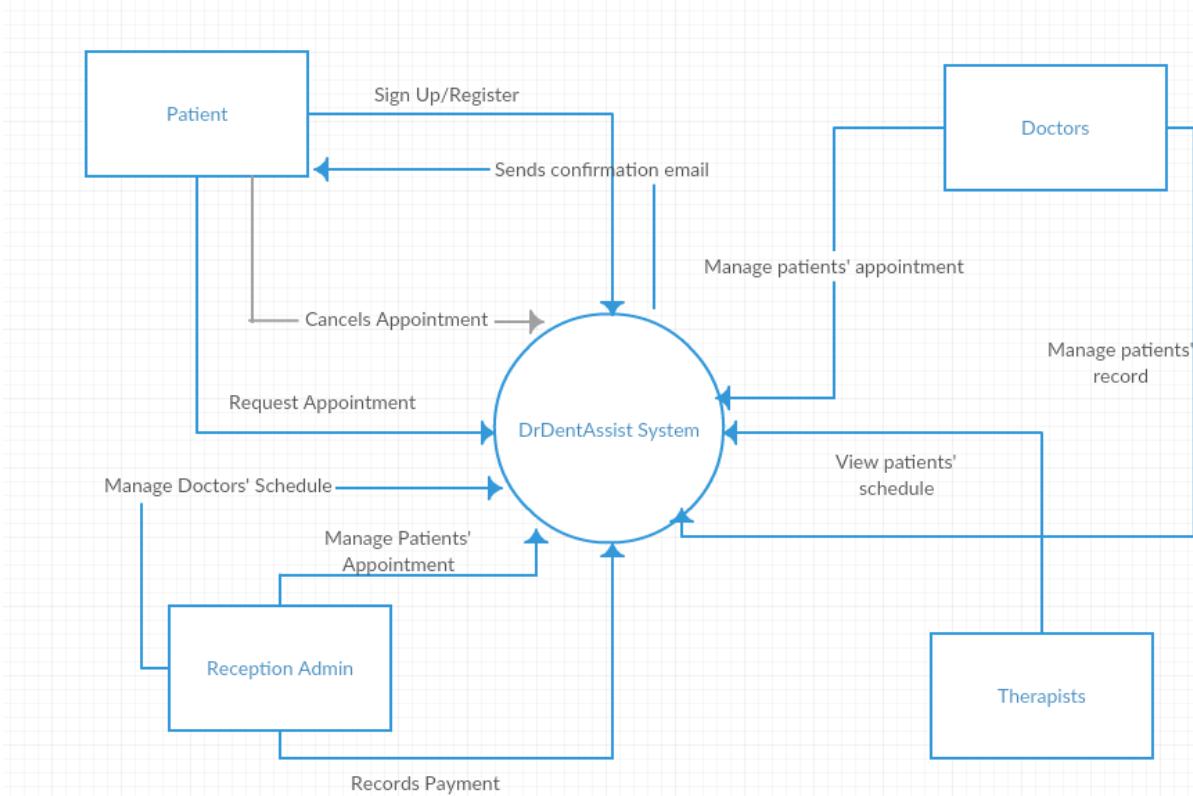
Use Case	View patients appointment
Actor	Therapists and Reception Admin
Goal in context	To give permission for Therapists and reception admin to view patients requested appointment.
Trigger	Reception Admin or therapists would need to view patients appointment.
Pre condition	Patient has a confirmed appointment.
Post condition	Therapists and Reception Admin is able to view patients appointment.
Scenario	<ol style="list-style-type: none"> 1. Therapist or reception admin needs to view patients appointment. 2. System will display patients appointment.

Event Table

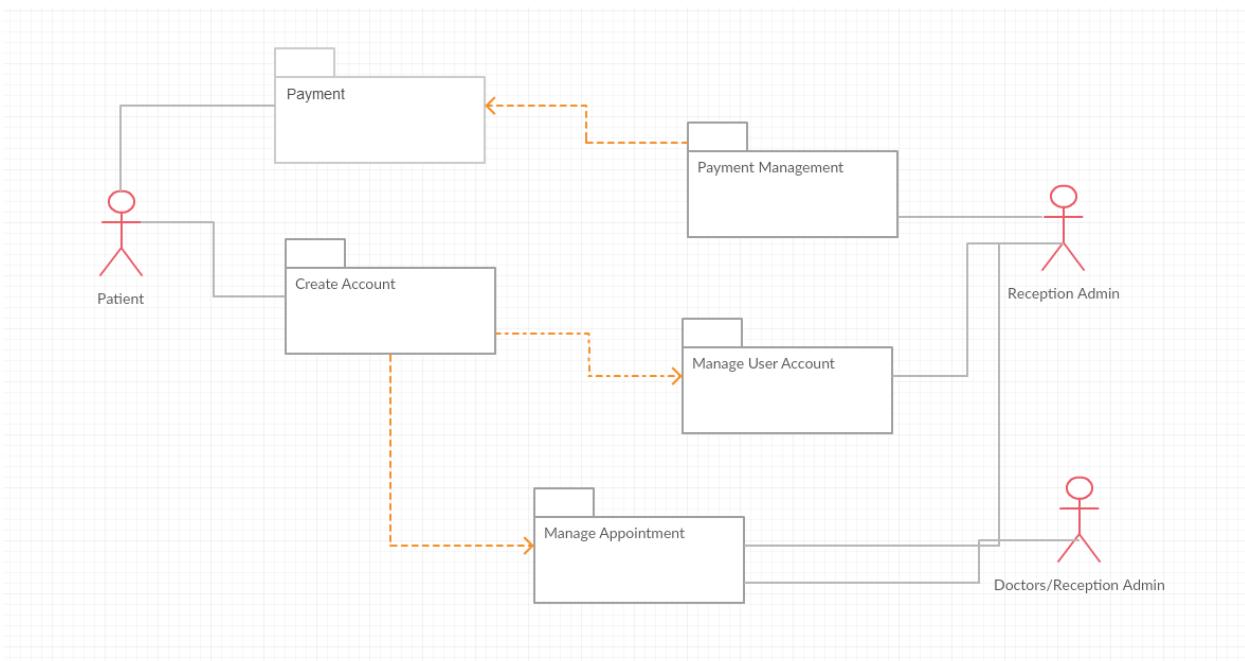
EVENT TABLE

EVENT	TRIGGER	SOURCE	USE CASE	RESPONSE	DESTINATION
Patient signs up	Patient will sign up	Patient	Patient creates an account	Patient details	System
Patient wants to book appointment	Patient views clinic services	Website	Patient selects schedule/employee/date/time	Appointment Request	System/Employee
Patient receives confirmed schedule	Employee confirms schedule	Employee	Patient receives appointment confirmation	Patient informed of confirmed appointment	System/Patient
Employee receives appointment request	Patient submits appointment request	System/Employee	Employee confirms appointment	System to send patient appointment confirmation	Patient
Confirmed Appointment Cancellation	Employee/Patient unavailable for a confirmed appointment	Employee/Patient	Employee/Patient cancels appointment	Appointment open for other patients/Appointment blocked by doctor	System
In-patient clinic wants to book another appointment	follow-up appointment needed	Employee	Receptionist to book in behalf of Patient	Appointment scheduled and confirmed	System
Patient wants to view his booking history	user signs up/ logs in	System	Patient views status of previous/upcoming appointments	Patient views records	Website

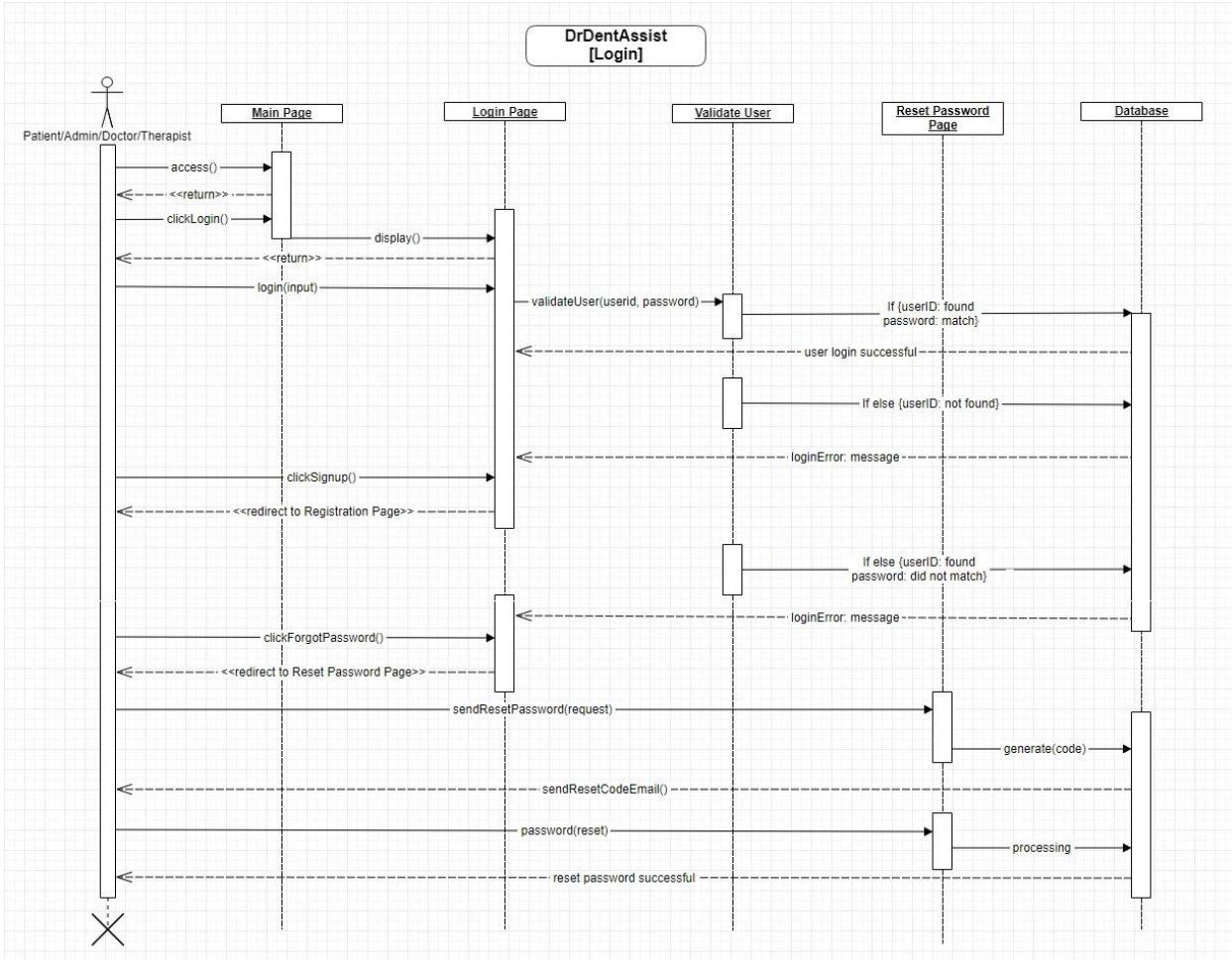
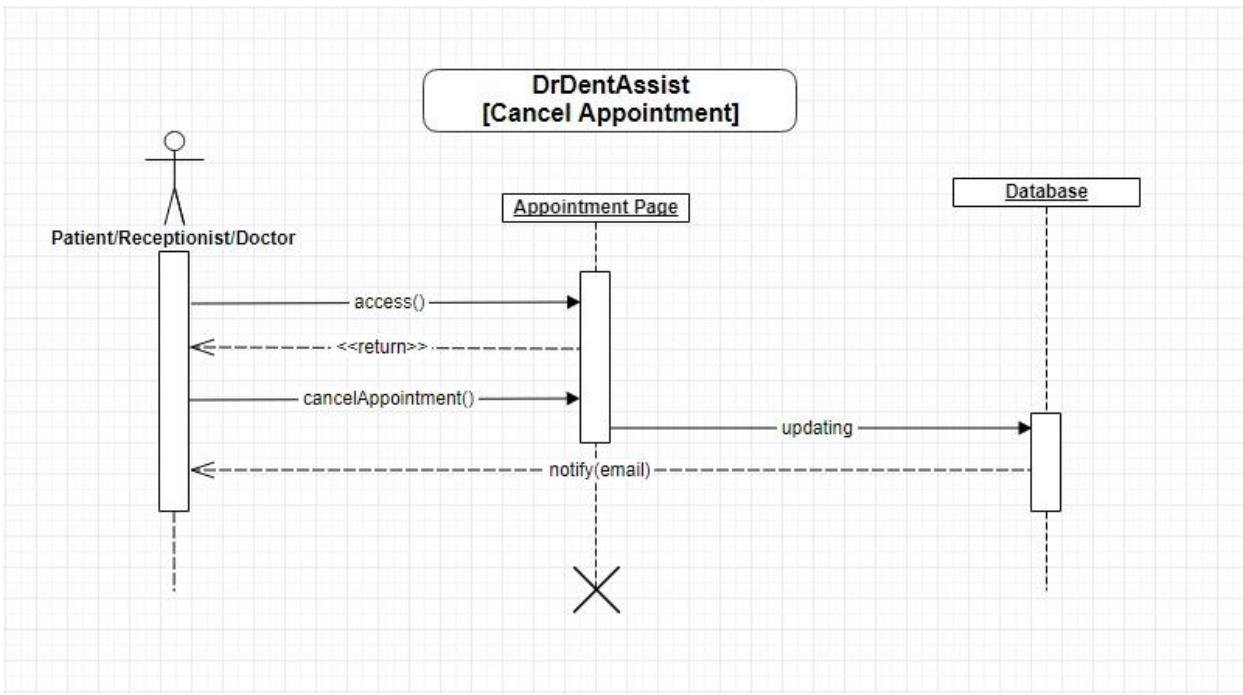
Context Flow Diagram

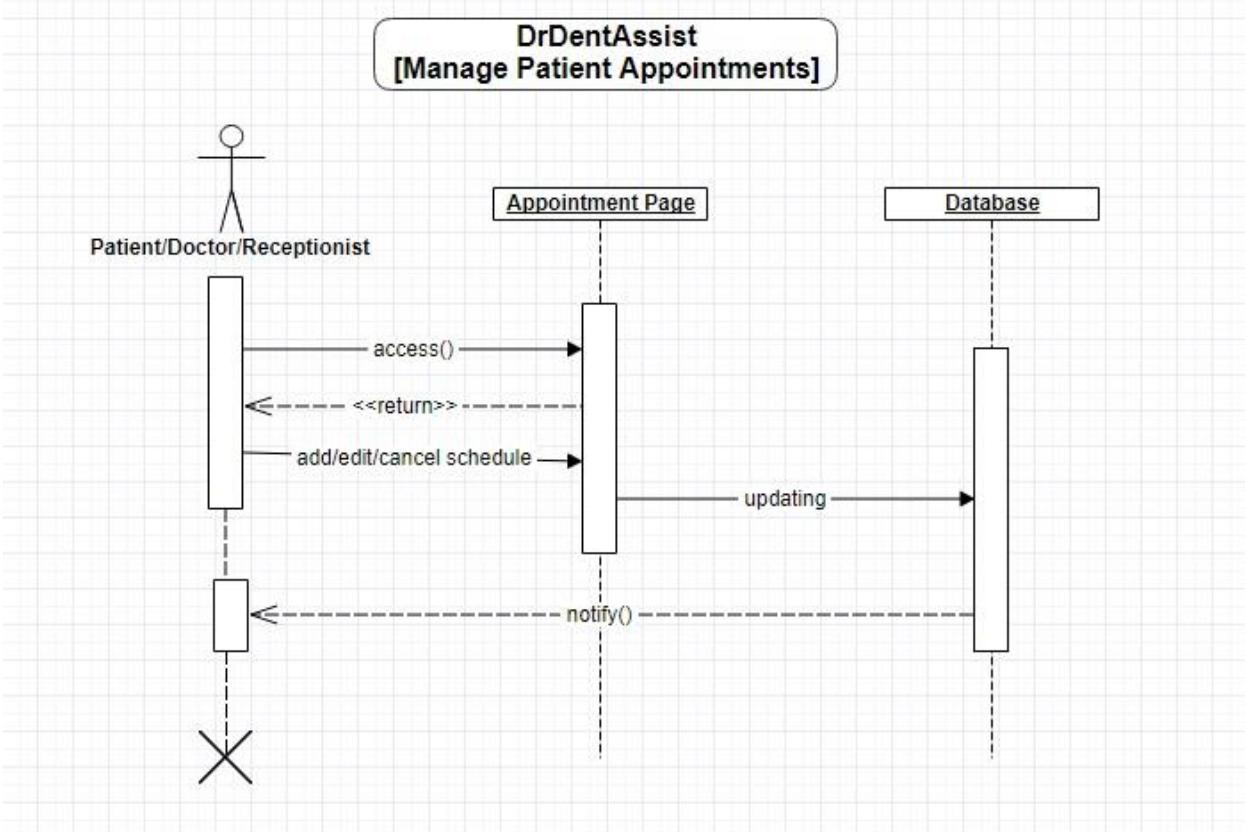
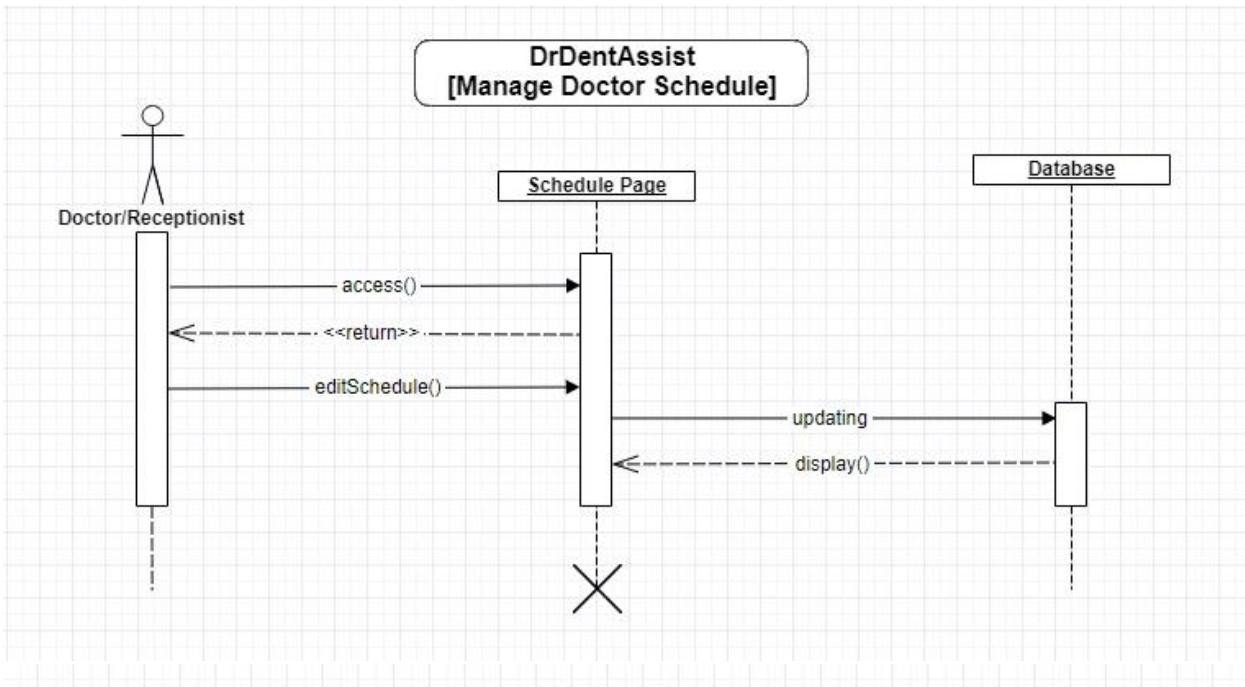


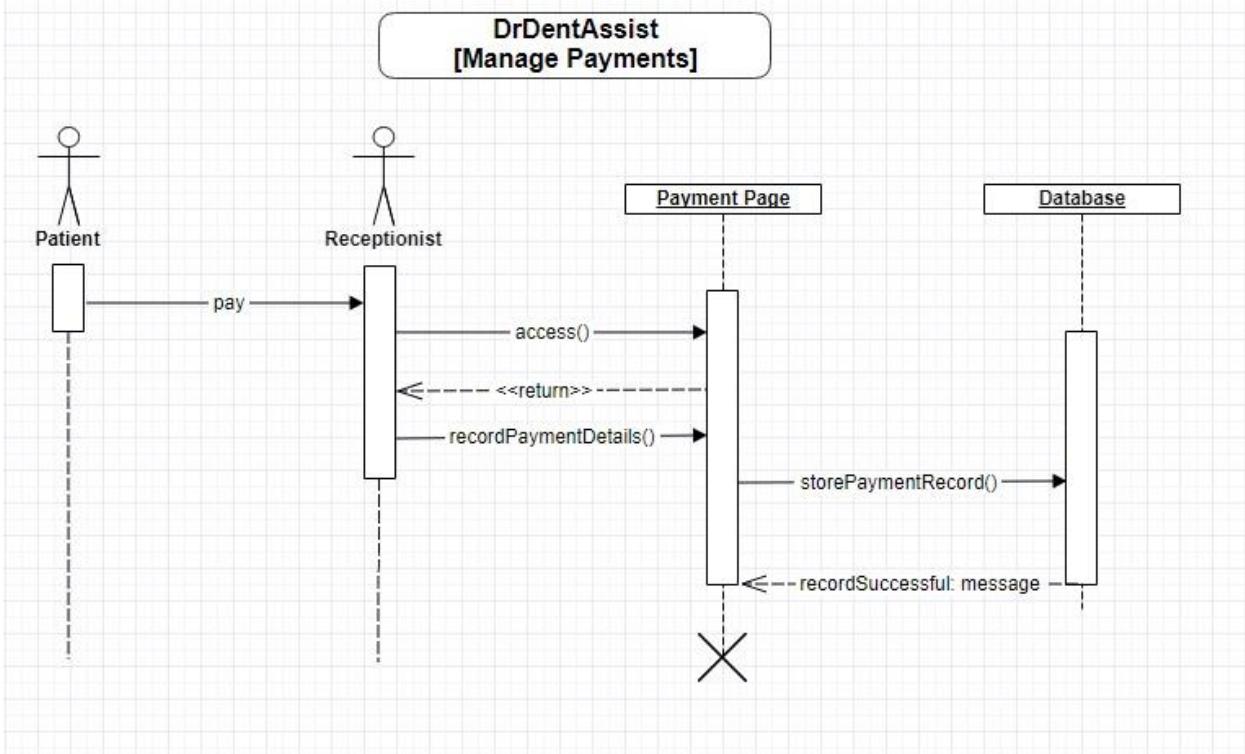
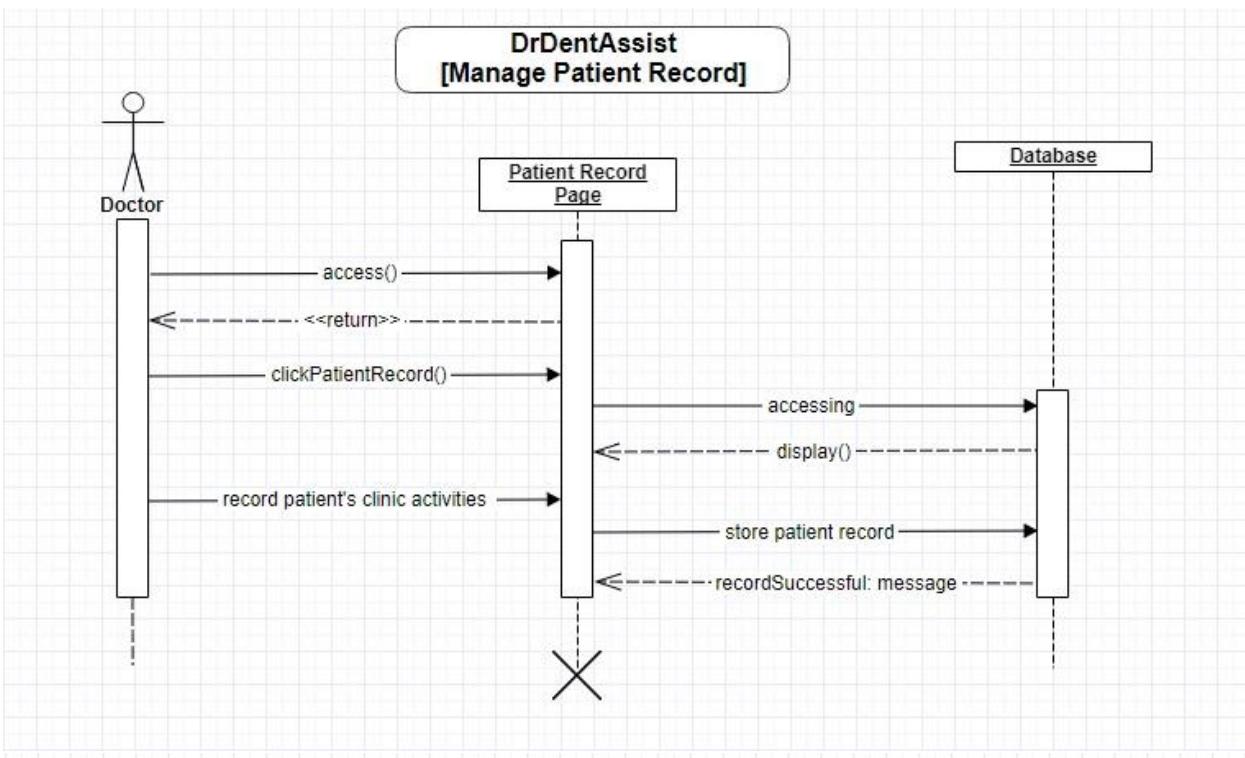
Package Diagram

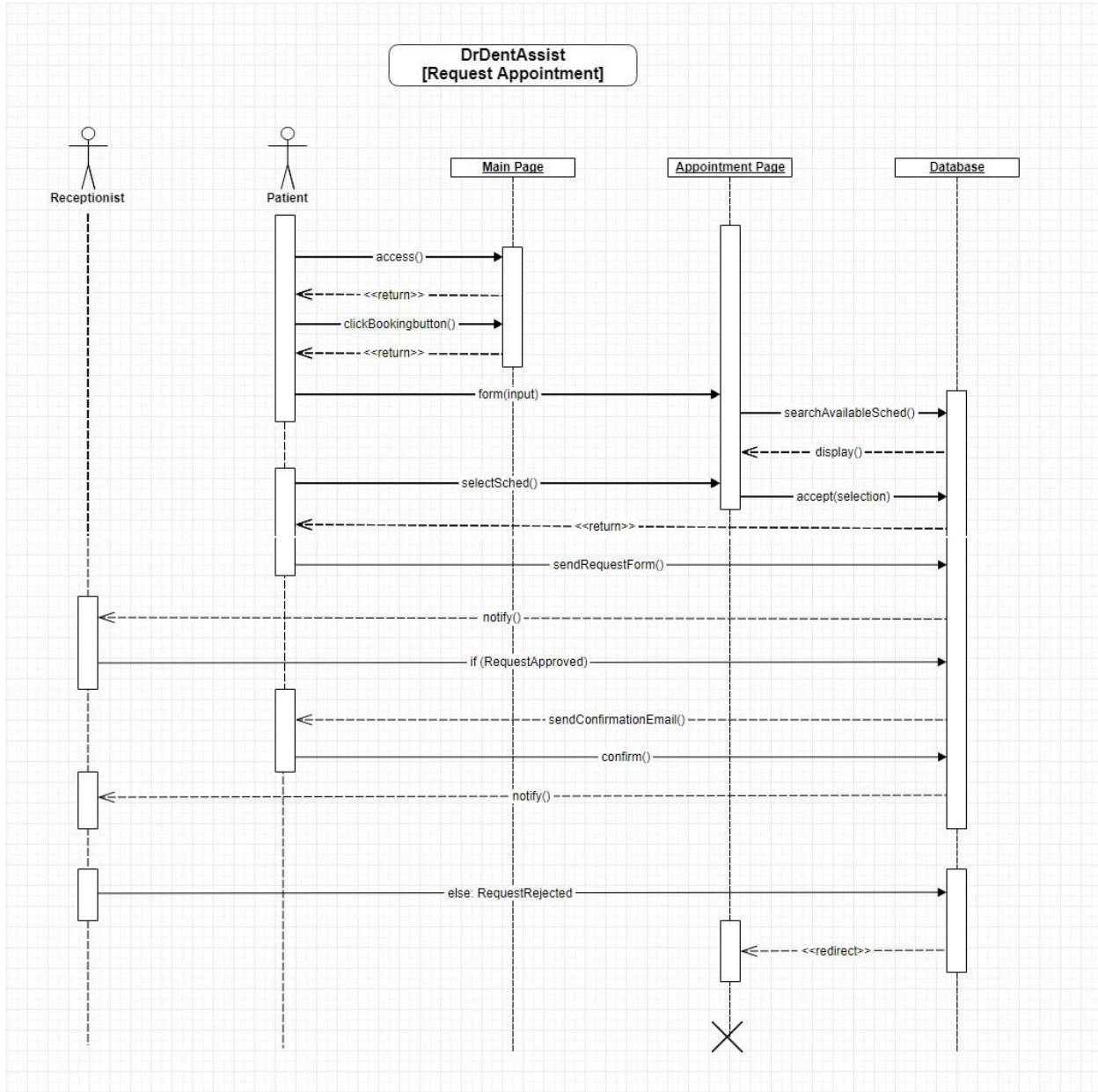


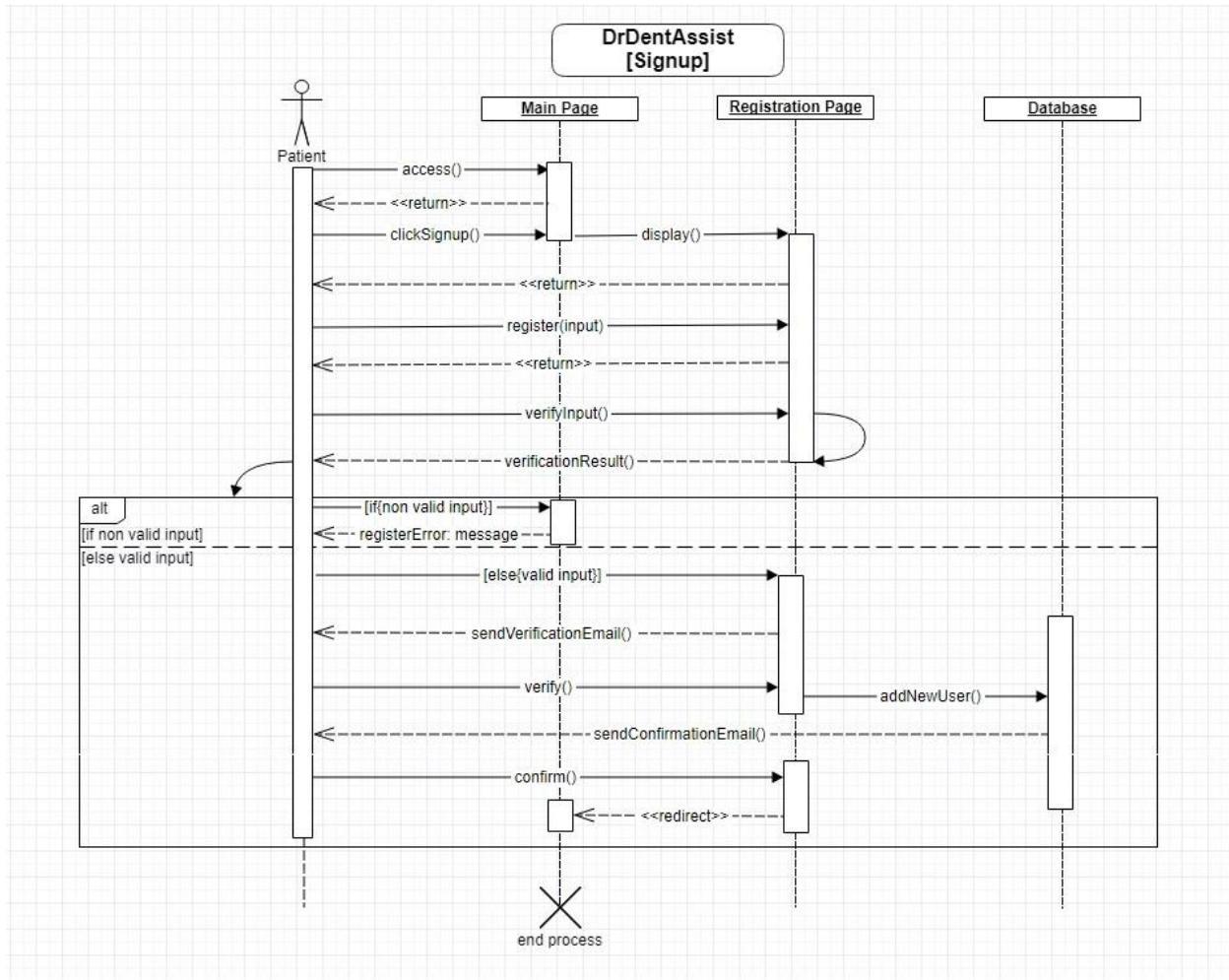
Sequence Diagram



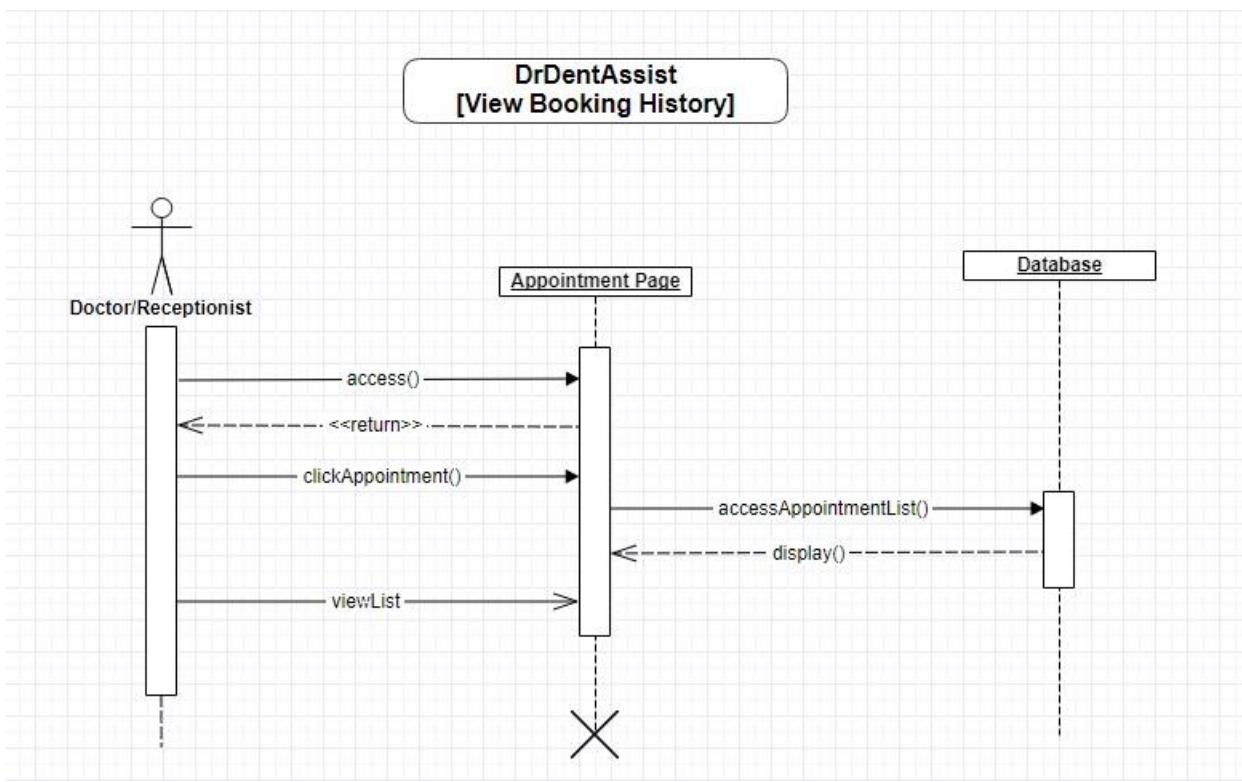




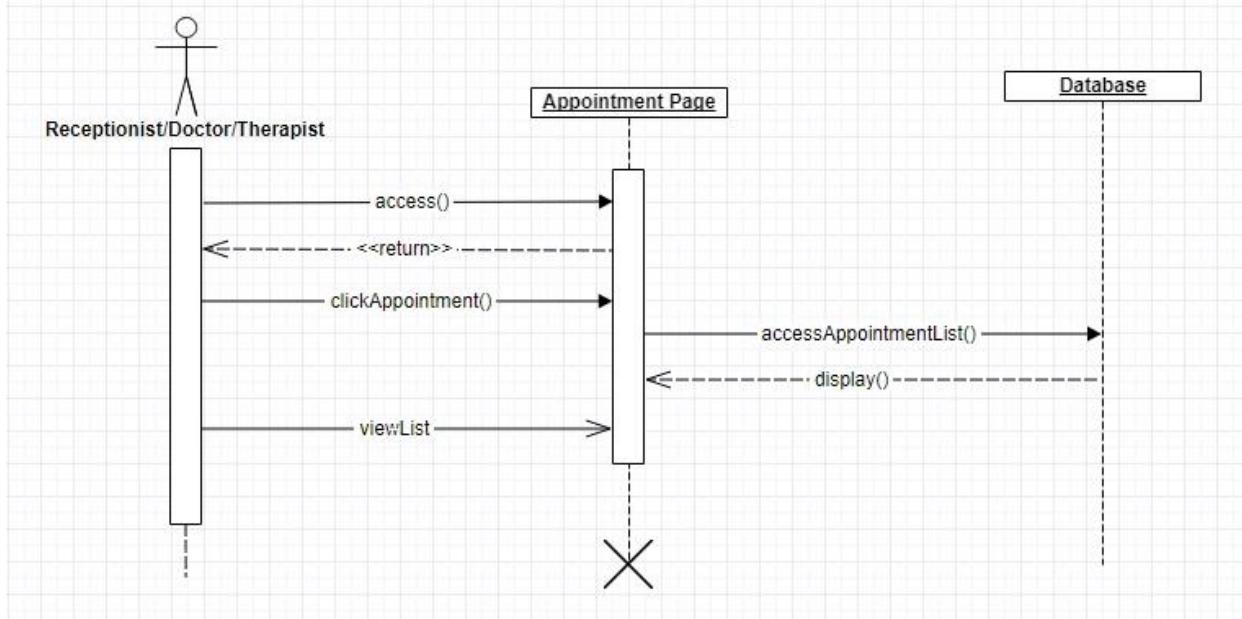




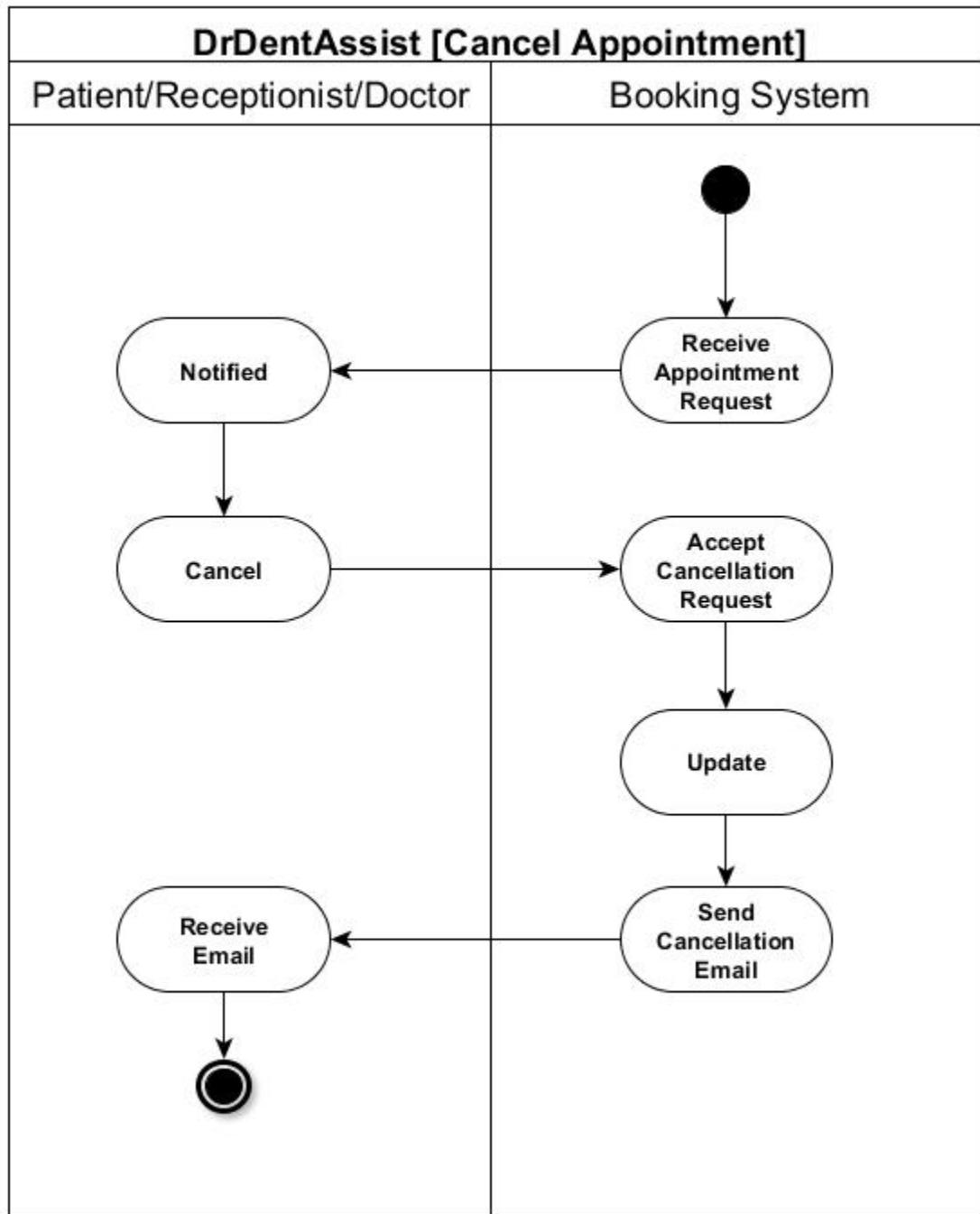
DrDentAssist
[View Booking History]

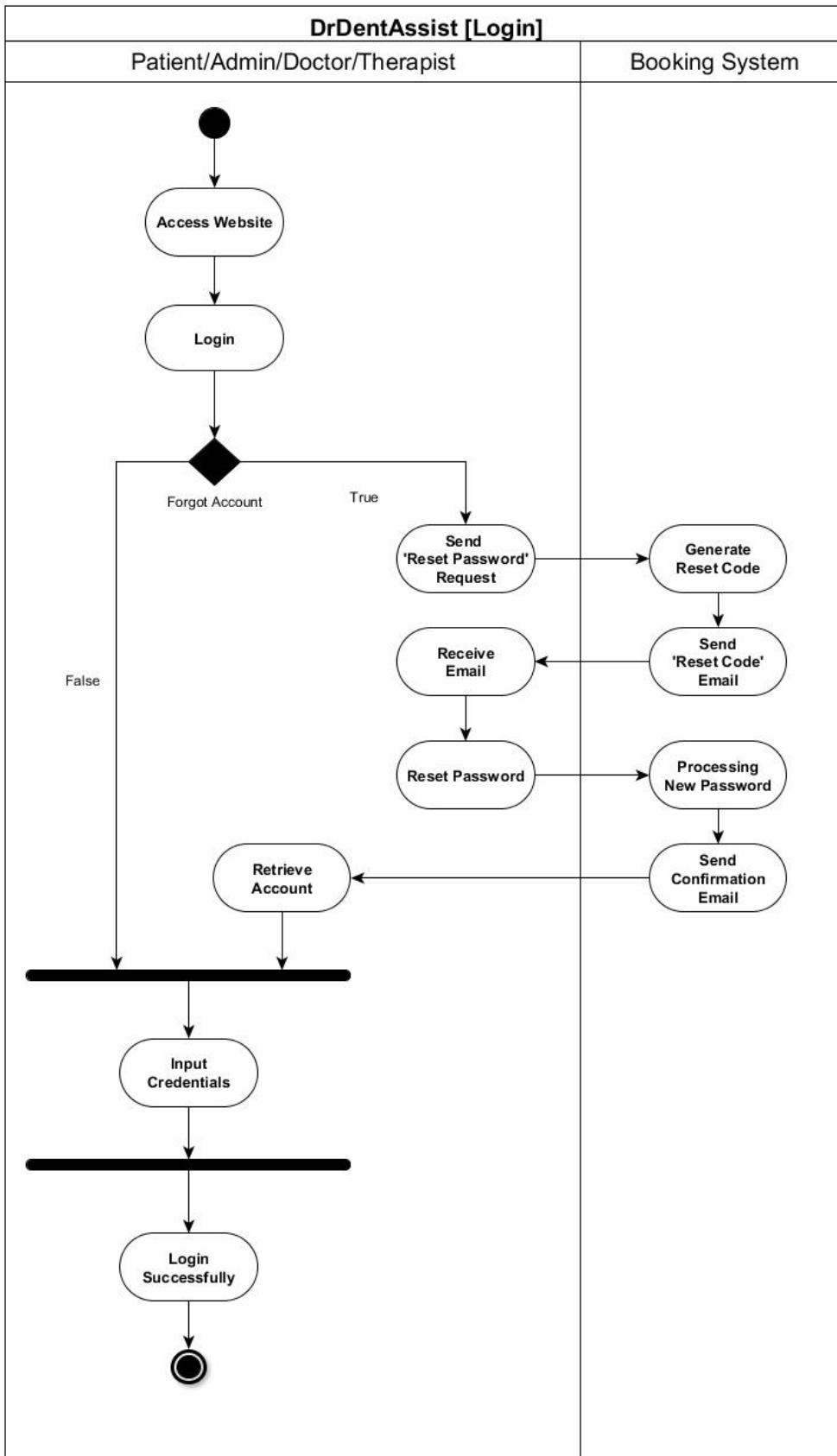


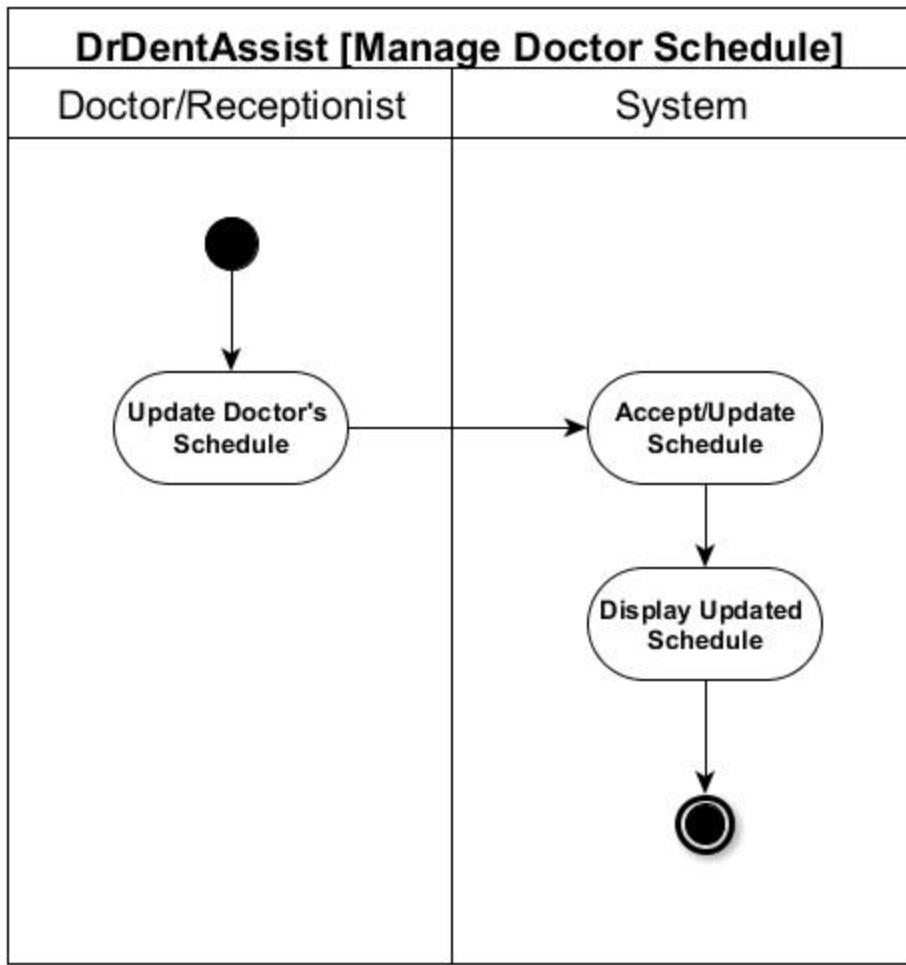
DrDentAssist
[View Patient Appointment]

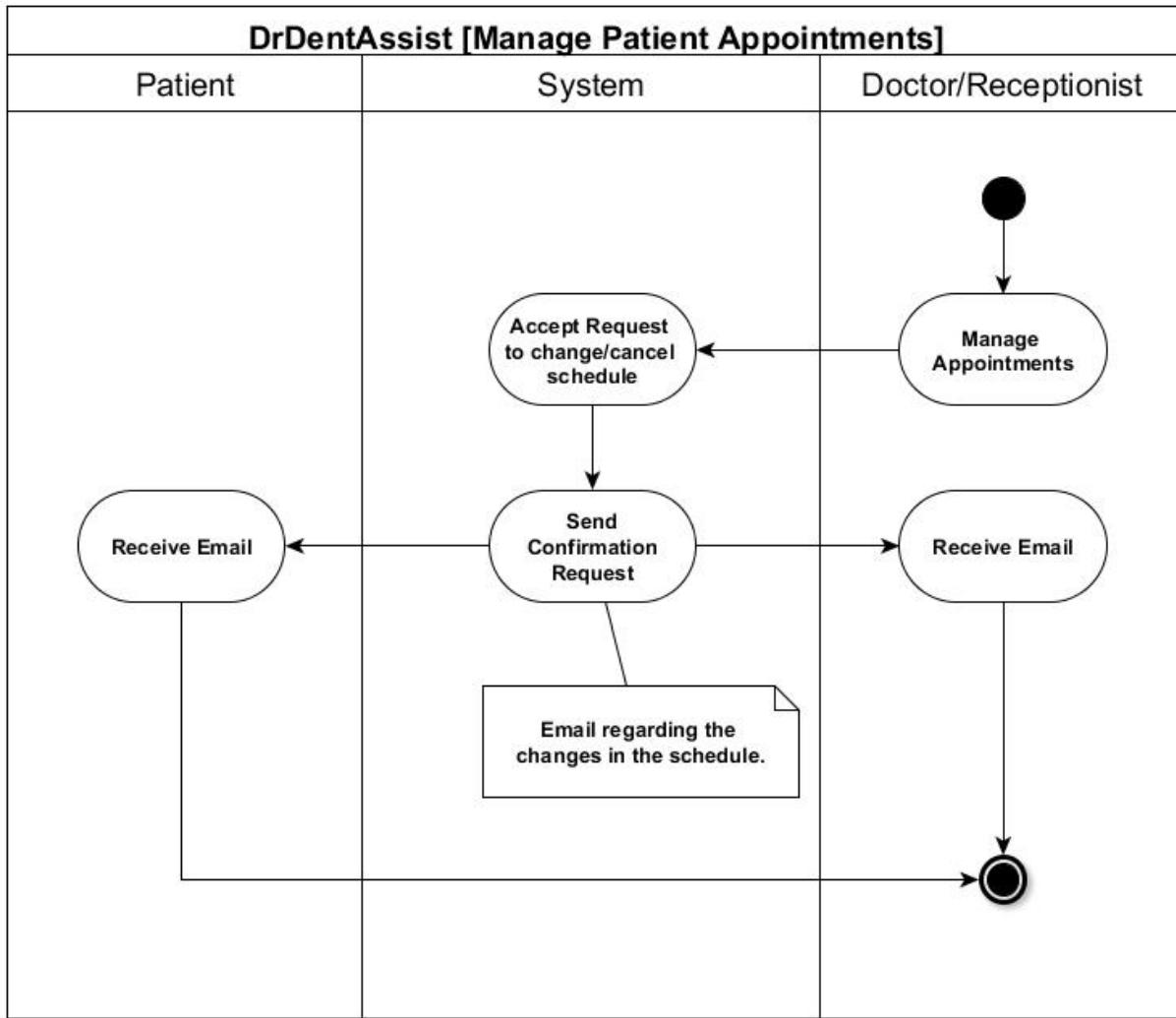


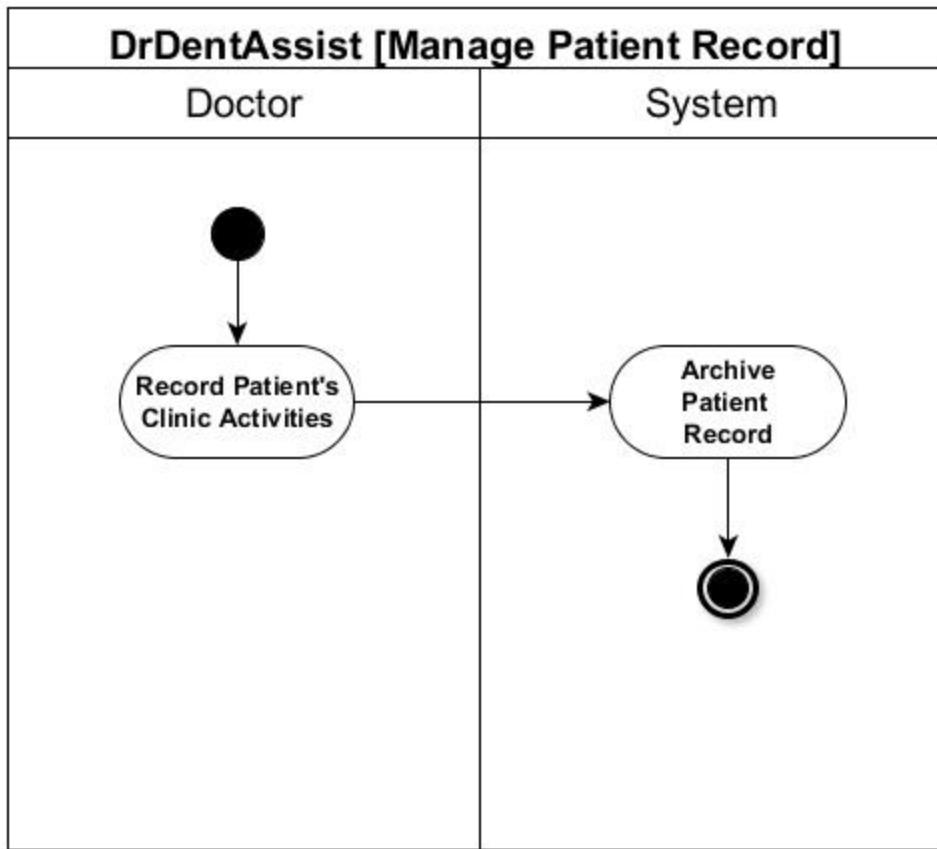
Activity Diagram

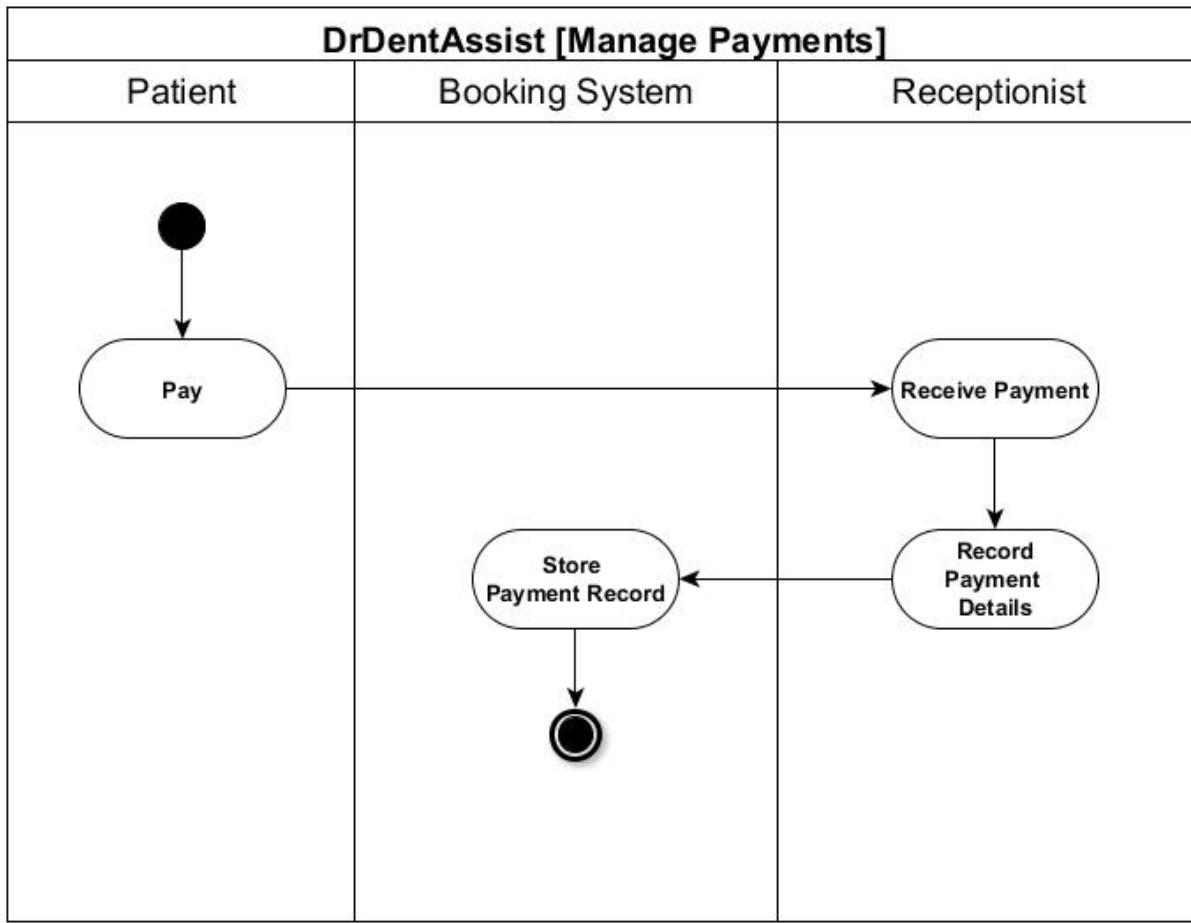


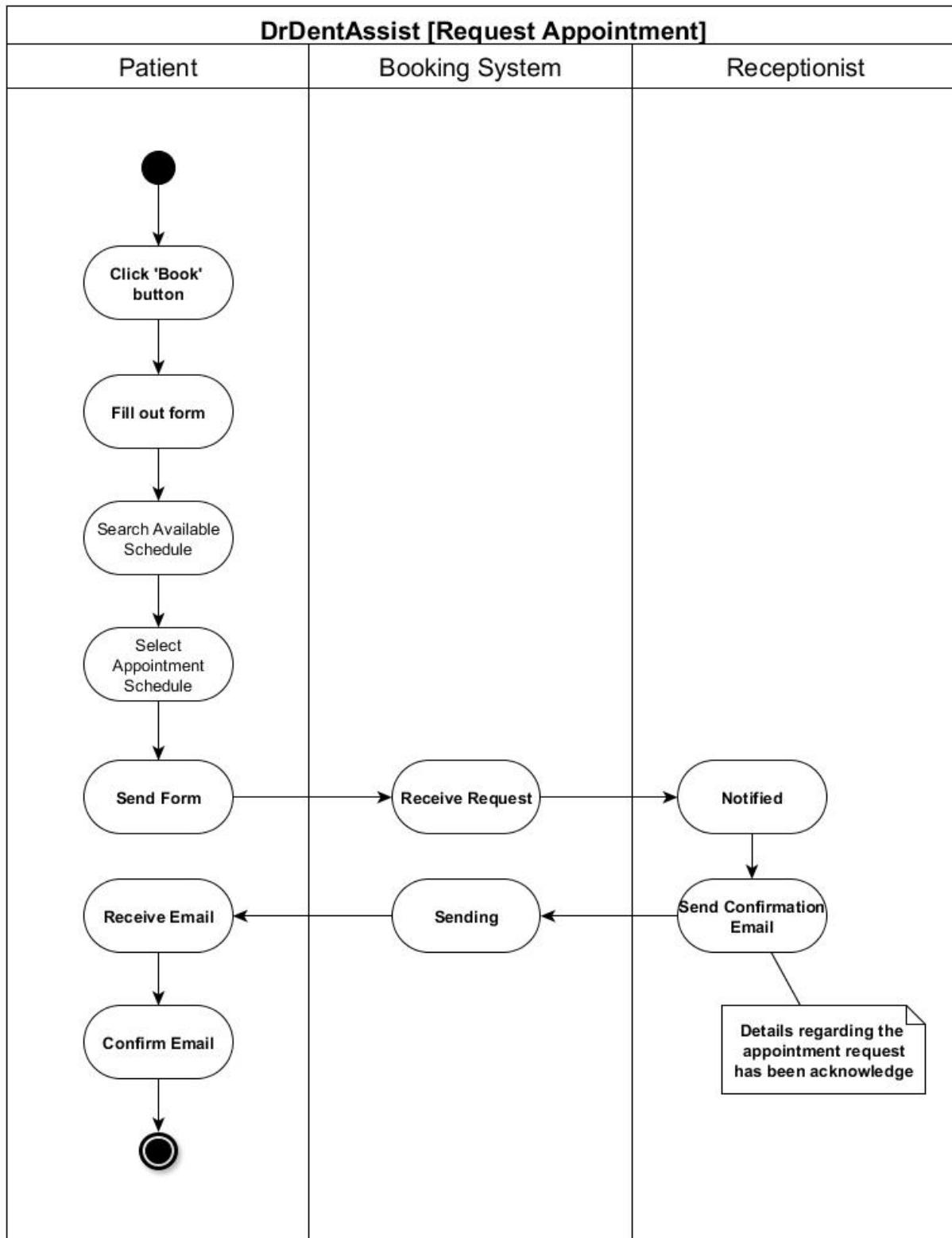


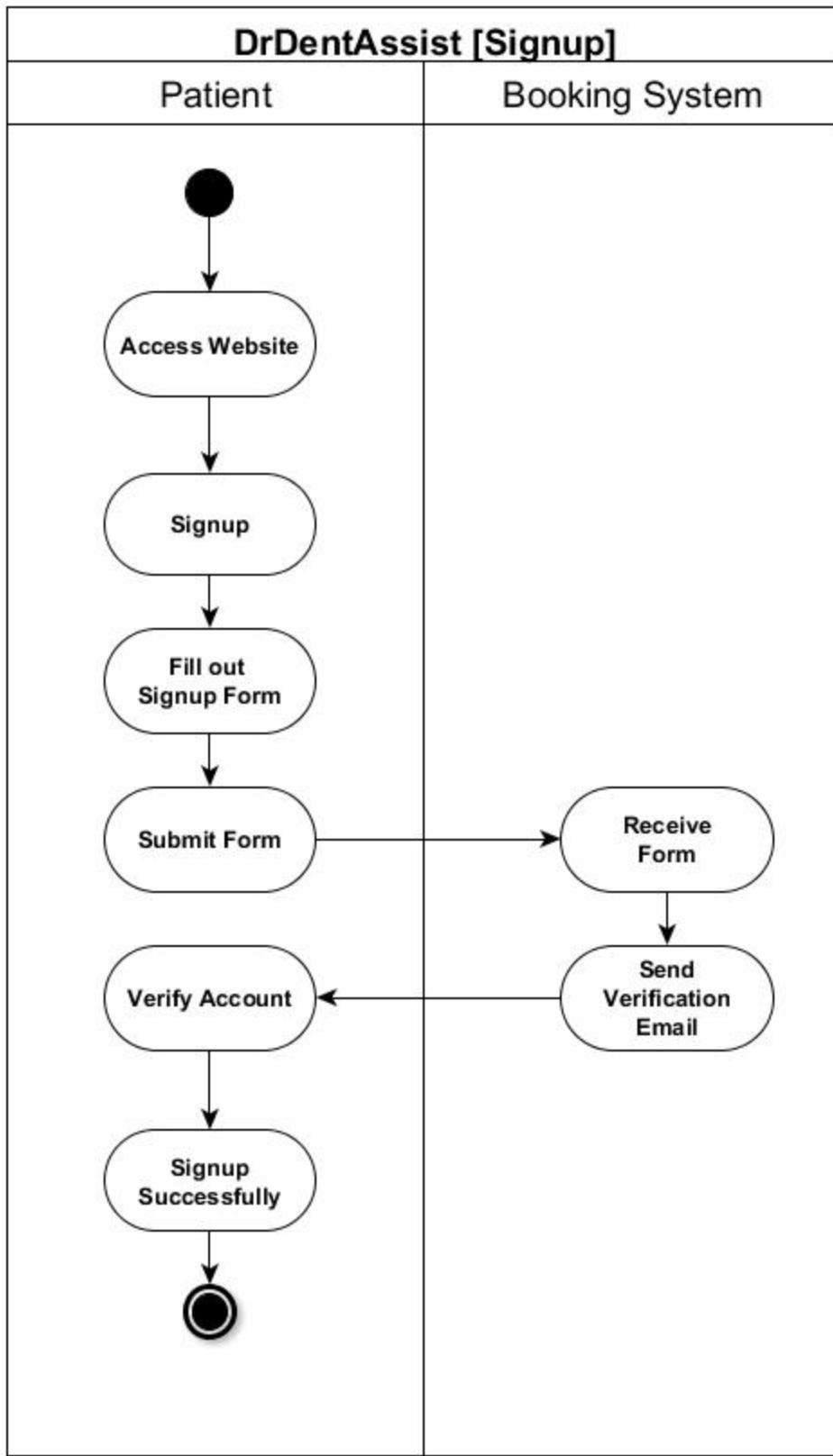


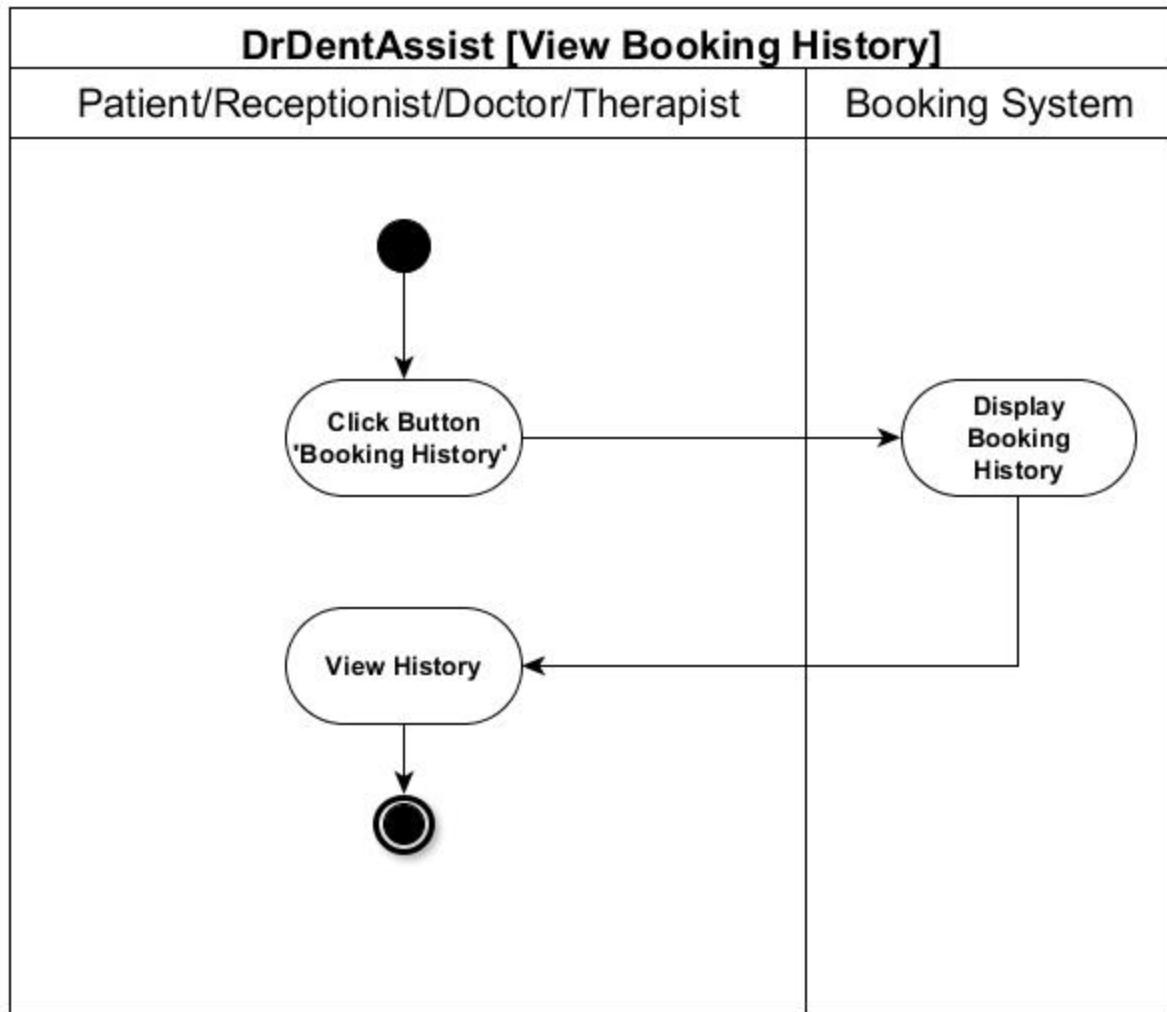


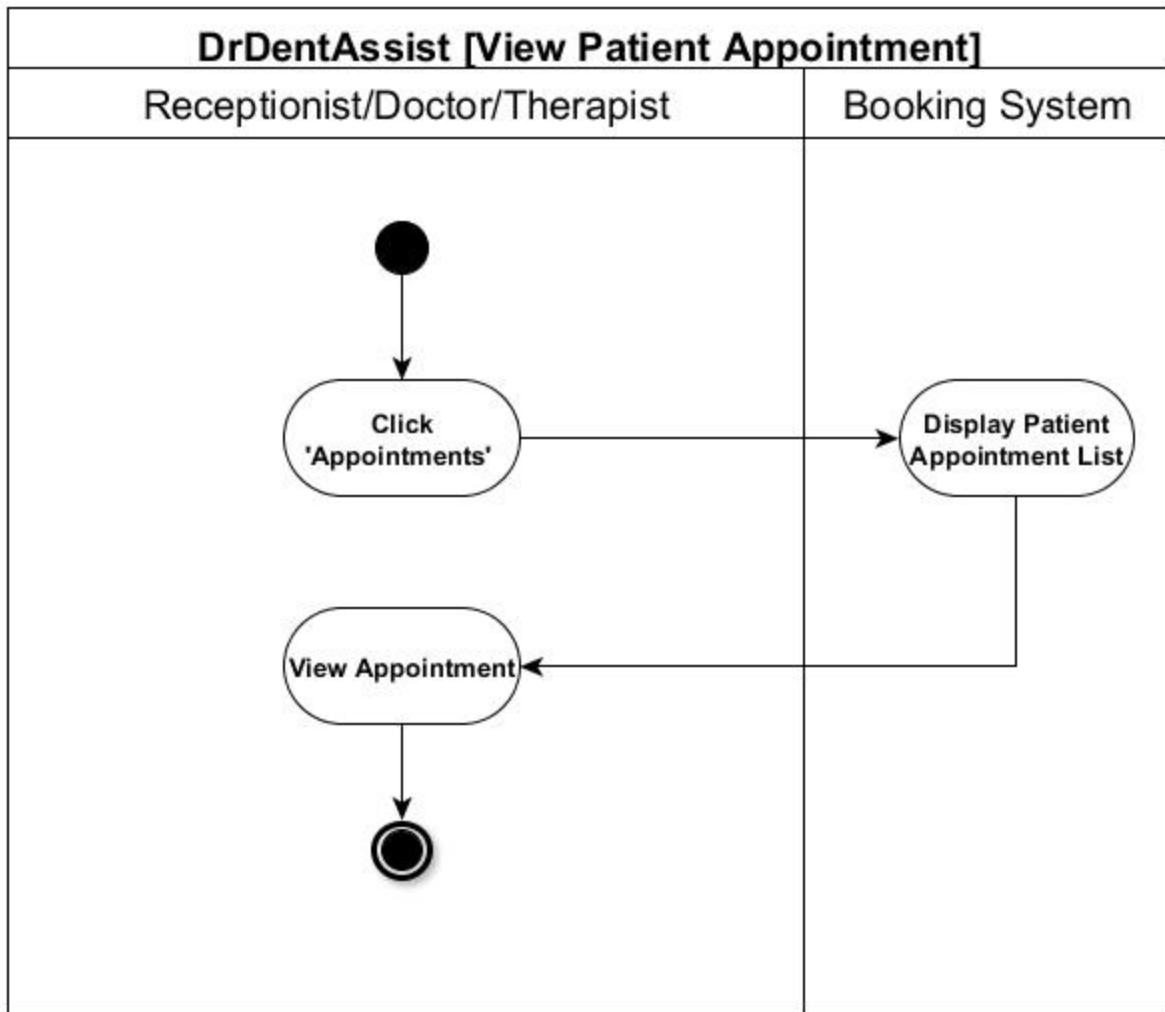






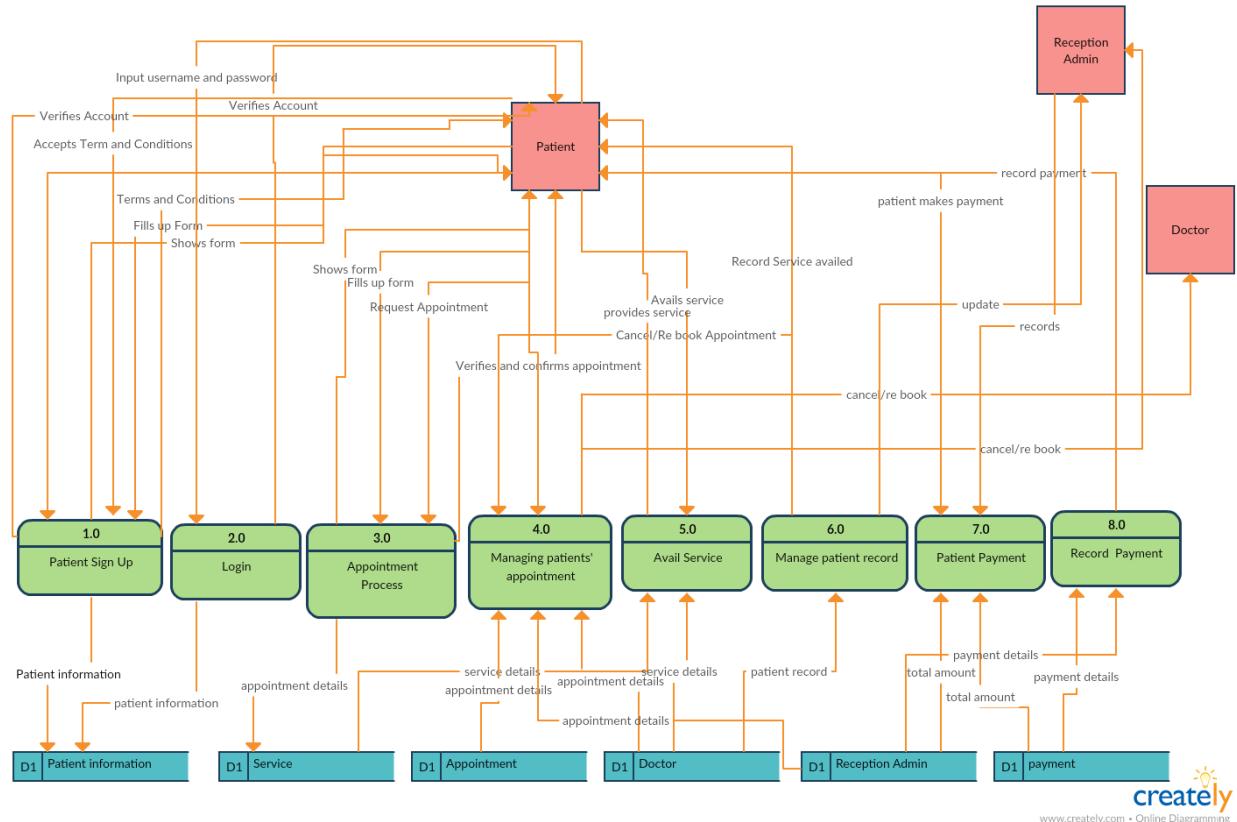






Data Flow Diagram

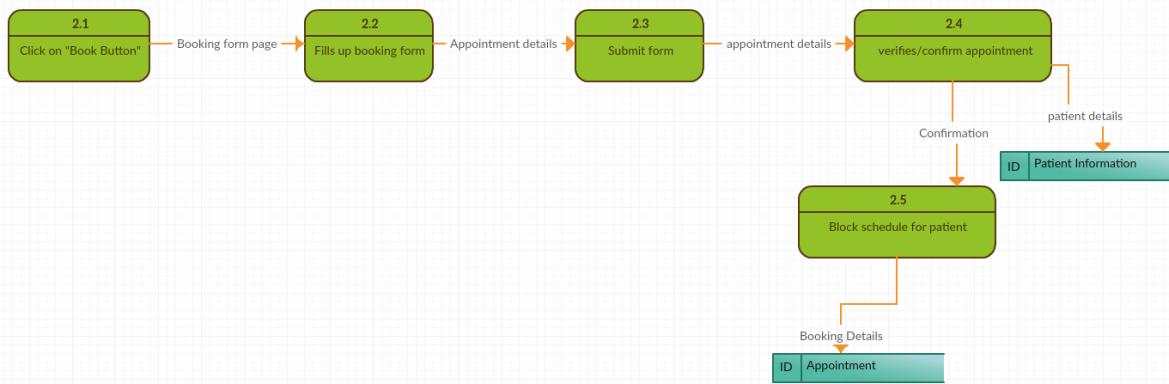
Level 0



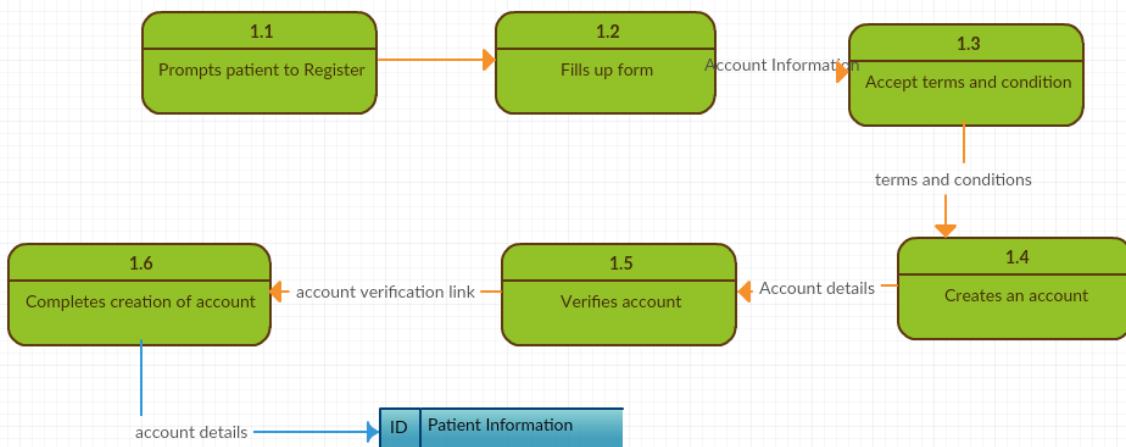
Data Flow Diagram

Level 1

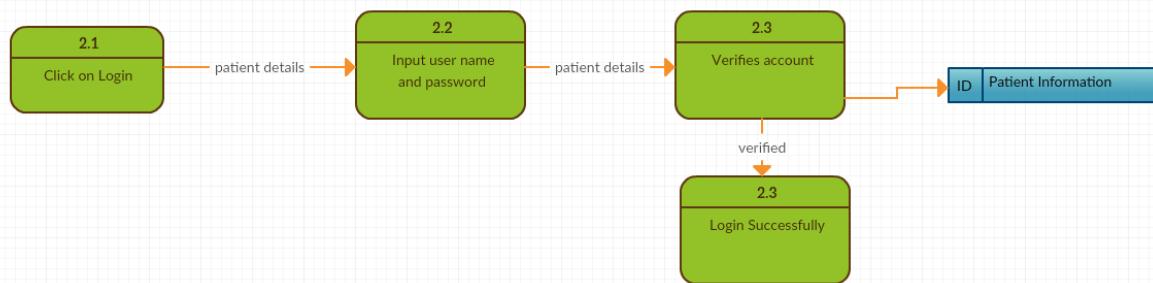
Booking Online



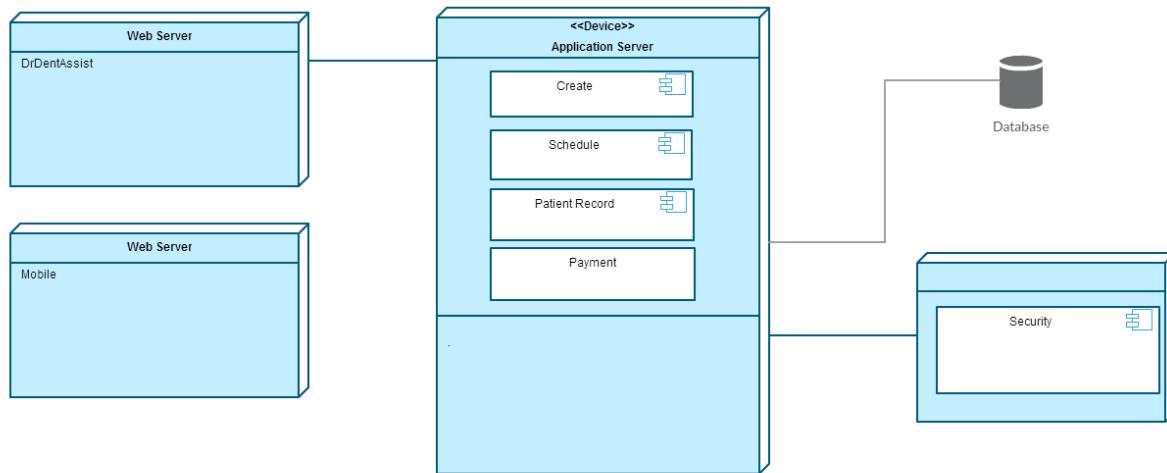
Creating of Account



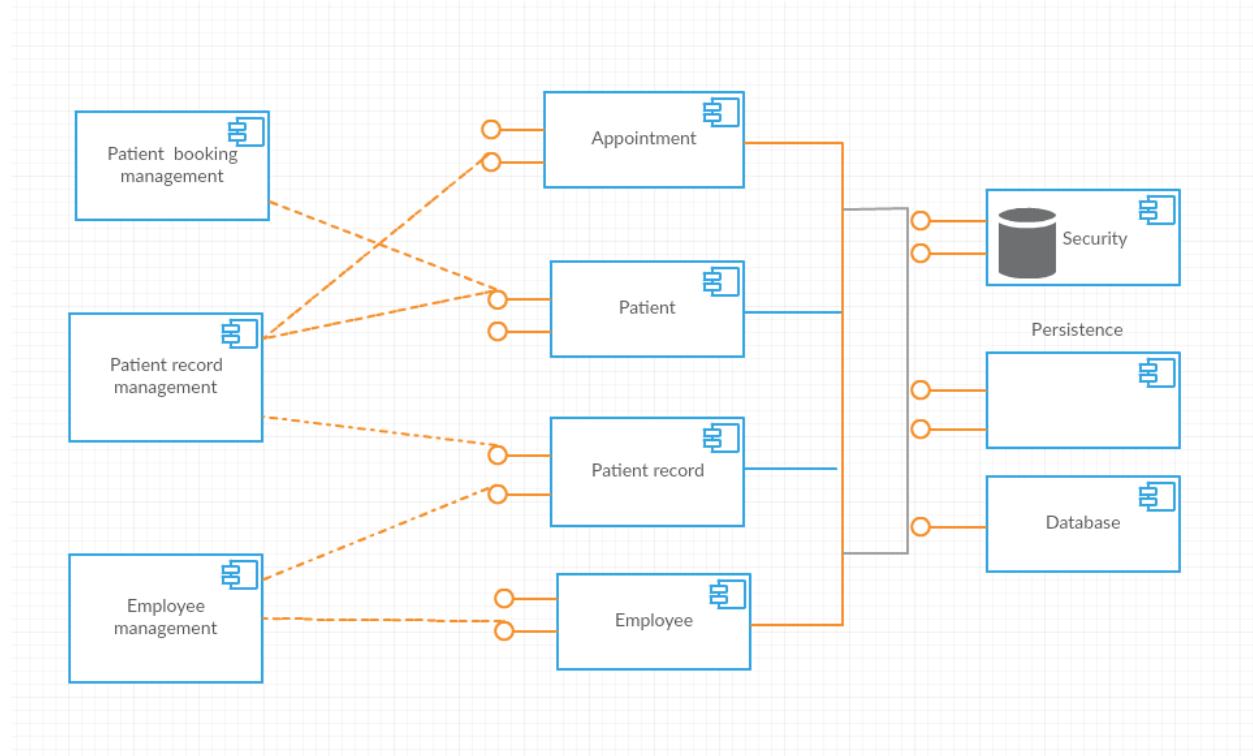
Login



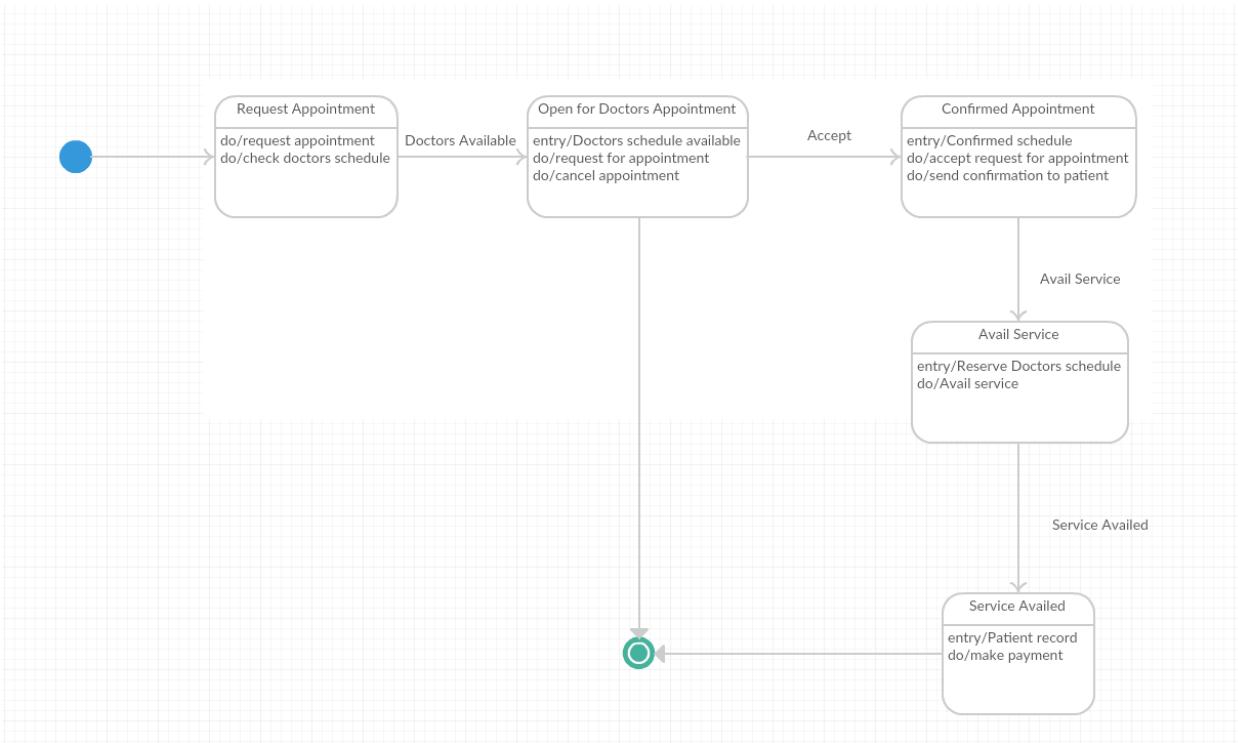
Deployment Diagram



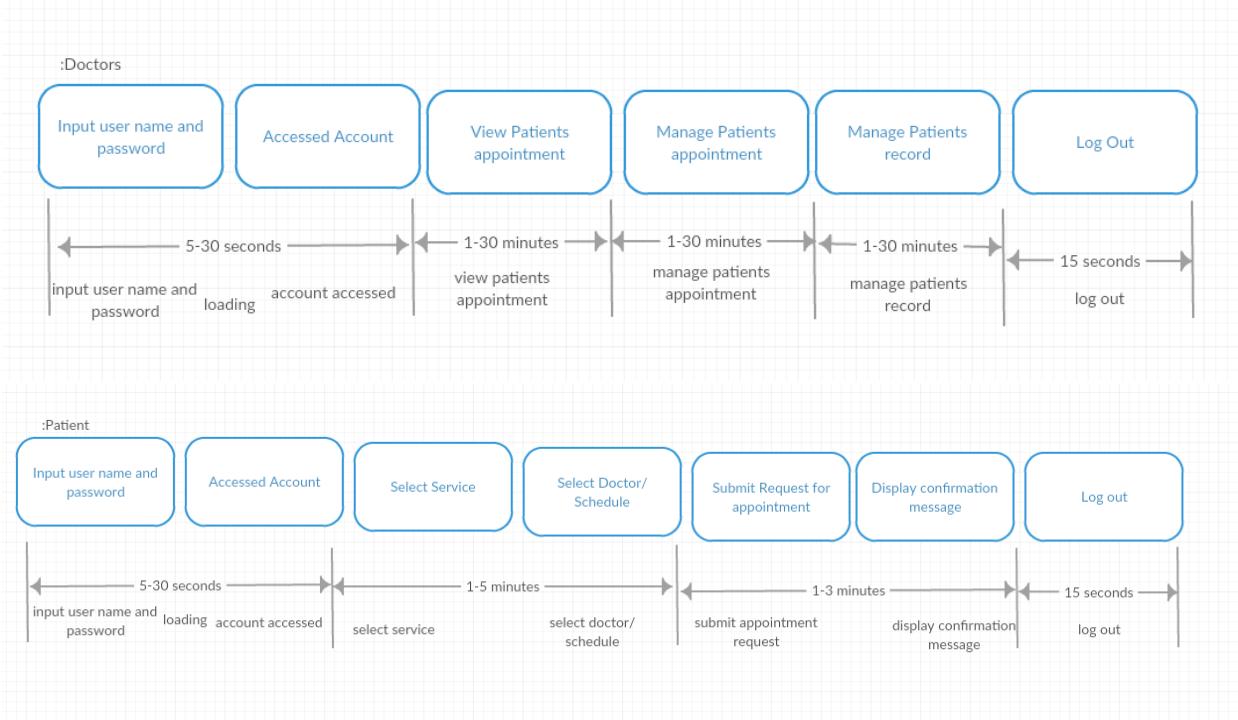
Component Diagram

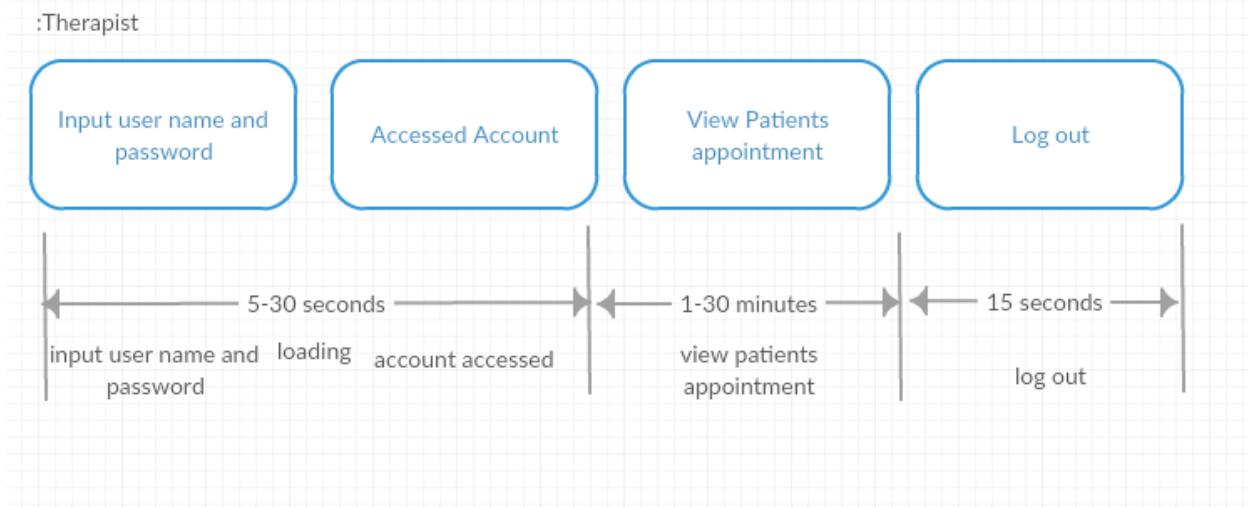
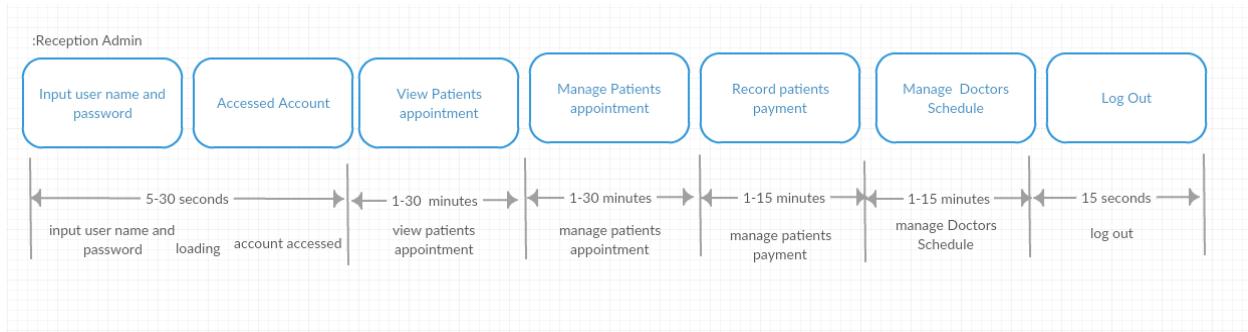


State Transition Diagram



Timing Diagram





Progress Report

For

DrDentAssist

Version 1.0 approved

Prepared by:

Chloe Tañada

Maria Kristina Punla

Reimarie Princess Quirante

Asia Pacific College

July 11, 2017

Project Status Report Week 1



Project Status Report

Project Name: DrDentAssist

Department:

Focus Area:

Product/Process: Website for CSProj2

Prepared By:

Document Owner(s)	Project/Organization Role
Reimarie Princess Quirante	Project Manager/Dev
Maria Kristina Punla	Document Analyst
Chloe Tañada	Document Analyst/ Control Analyst/Dev

Project Status Report Version Control

Version	Date	Author	Change Description
1.0	06/21/17	Reimarie Princess Quirante	Document created

Project Status Report

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Project Status Report

1. PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document is to provide a progress report to key project stakeholders regarding the design and development of DrDentAssist.

2. PROJECT STATUS REPORT TEMPLATE

2.1 Project Status Report Details

The project had started with data gathering on the client requirements, development also had started, along with the different documentation needs for the project.

- Project started, 10% completed
 - DrDentAssist is a website aimed to get more customers for Happy Clinique by providing an easy and flexible means for the online community to reach the clinic and book appointments with them.
 - The team had delivered the proposal, consultant and advice form, as well as the project vision and scope document. The said documents were reviewed and will serve as guide for further developments.
 - The project aims to get to the targeted milestones on time in order to deliver customer requirements with quality and efficiency. Failure to do so will increase project cost and decrease our client's satisfaction.
- Budget Report
 - Planned Expenditure

- The team is expected to spend on transportation allowances from visiting stakeholders throughout the project and reporting progress.
 - The team will also be provided their respective regular allowance while working on the project.
 - The team also has documentation costs which include printing and supplies.
- o Actual Expenditure
 - The team has spent already on transportation costs and documentations costs.
- Risk Management Report

At this phase, risks are still non-existent as we are on the planning and initial development Phase. Stating the scope of the project have also helped to lower the risks of project failures and proper scheduling of activities and milestones will lower the risk of project failure.

- Issues Report
 - No Issues as of the moment.
 - The Project needs to consistently deliver deliverables on time. Getting a document or plan early can give more time for it to be scrutinized and perfected before the actual development or implementation process.

Project Status Report

2.2 Project Status Report Template

Project Name

Project Name

Prepared By: Reimarie Princess Quirante	Date: 06/21/17	Reporting Period: 06/14/17 to 06/21/2017
--	-----------------------	---

Project Overall Status:

Project data gathering and planning and development had started.

Milestone Deliverables performance reporting over last period

Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	06/16/17	100%	
● Data Gathering	06/21/2017	100%	
● Design Analysis	06/21/2017	100%	
Milestone 2			
● Database Design	06/28/2017	50%	
● Website Development	07/12/2017	10%	

Milestone Deliverables scheduled for completion over next period

Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	06/24/17	0%	
● Client Visit/Brainstorming	06/24/17	0%	
Milestone 2			
● Document Analysis	06/28/17	0%	
● Website Development	06/28/17	10%	

Project impact of milestone success or failure for project remainder

Web development schedule may be affected Due to brainstorming with clients. We are targeting minimal changes in reference to the proposed plan.	As we are using the Laravel framework, easy coding, even with changes in the requirements can get us off-track only to about 10% of the web development schedule.
--	---

Project Budget/Financial Status

Budget Item	Planned Budget	Actual Cost	Variance/Explanation
Transportation	3,000	300	Have not spent for the whole term yet
Manpower monthly allowance	210,000	70,000	One month allowance for

the team

Project Risk Management Status

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
Project Schedule • Timely submission of deliverables	Medium	Medium	Medium	None

Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution

Project Recommendations

The project is on time and on budget at this point. Brainstorming processes are in place in order to deliver the highest quality of output. Scope change requests will be reviewed and is subject for approval from both the key project stakeholders and the project team. Possible project issues and risks will be managed and addressed by effective and open communication with within the project team itself and with the key project stakeholders.

Project Status Report

Objectives for Next Project Status Review

Key Project Stakeholders would be expecting a prototype on our next client visit on June 24/2017. Any scope changes and recommendations from client would be taken for review and be approved and implemented on the next project status review.

Related Project Information

- Budget Report Summary
- Issue Record Report
- Scope Change Report
- Project Work Plan
- Project Metrics/Statistics

approved and implemented on the next project status review.

Related Project Information

- Budget Report Summary
- Issue Record Report
- Scope Change Report
- Project Work Plan
- Project Metrics/Statistics
- Quality Management Review.

3. PROJECT STATUS REPORT APPROVALS

Prepared by Reimarie Princess Quirante

Project Manager

Approved by

Jacob Catayoc

Project Advisor

Wealthea E. Ingeniero

Project Status Report Week 2



Project Status Report

Project Name: DrDentAssist

Department:

Focus Area:

Product/Process: Website for CSPROJ2

Prepared By:

Document Owner(s)	Project/Organization Role
Reimarie Princess Quirante	Project Manager/Dev
Maria Kristina Punla	Document Analyst/ Control Analyst
Chloe Tañada	Document Analyst/ Control Analyst/Dev

Project Status Report Version Control

Version	Date	Author	Change Description
1.0	06/28/17	Reimarie Princess Quirante	Document created

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4.1	Document Guidelines	3
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PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document to provide a progress report to key project stakeholders regarding the design and development of DrDentAssist. It also acts as a tool for the project development team to see how far or near they are to the completion of the project.

1.1 Project Status Report Details

The project had started with data gathering on the client requirements, development also had started, along with the different documentation needs for the project.

- Project started, 15% completed
 - DrDentAssist is a website aimed to get more customers for Happy Clinique by providing an easy and flexible means for the online community to reach the clinic and book appointments with them.
 - The team had prepared the necessary UML diagrams to support the design and development of the website. A client visit was scheduled and further data and feedback was gathered from client.
 - The project aims to get to the targeted milestones on time in order to deliver customer requirements with quality and efficiency. Failure to do so will increase project cost and decrease our client's satisfaction.
- Budget Report
 - Planned Expenditure
 - The team is expected to spend on transportation allowances from visiting stakeholders throughout the project and reporting progress.
 - The team will also be provided their respective regular allowance while working on the project.
 - The team also has documentation costs which include

printing and supplies.

- o Actual Expenditure

- The team has spent already on transportation costs and documentations costs.

- Risk Management Report

At this phase, risks are still non-existent as we are on the planning and initial development phase. Stating the scope of the project have also helped to lower the risks of project failures and proper scheduling of activities and milestones will lower the risk of project failure.

- Issues Report

- No Issues as of the moment.
- The Project needs to consistently deliver deliverables on time. Getting a document or plan early can give more time for it to be scrutinized and perfected before the actual development or implementation process.

1.2 Project Status Report Template

Project Name			
Prepared By: Reimarie Princess Quirante	Date: 06/28/17	Reporting Period: 06/21/17 to 06/28/2017	
Project Overall Status:			
Project data gathering, planning, design and development are ongoing.			
Project Summary: The project aims to develop this website with minimal corrections or alterations from what is planned. Continuous input from client and reporting is necessary to keep everything in check.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			

● Project Consultation	06/24/17	100%	
▪ Client Visit/Brainstorming	06/24/17	100%	
Milestone 2			
● Document Analysis	06/28/17	25%	
● Website Development	06/28/17	15%	
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	06/24/17	0%	
○ Client Visit/Brainstorming	06/24/17	0%	
Milestone 2			
● Document Analysis	06/28/17	50%	
● Website Development	06/28/17	25%	
Project impact of milestone success or failure for project remainder			
Web development schedule may be affected due to brainstorming with clients. We are targeting minimal changes in reference to the proposed plan.	As we are using the Laravel framework, easy coding, even with changes in the requirements can get us off-track only to about 10% of the web development schedule.		
Project Budget/Financial Status			
Budget Item	Planned Budget	Actual Cost	Variance/Explanation
Transportation	3, 000	300	Have not spented for the whole term yet
Manpower monthly allowance	210, 000	70, 000	One month allowance for the team
Project Risk Management Status			

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review	
Project Schedule <ul style="list-style-type: none"> ● Timely submission of deliverables 	Medium	Medium	Medium	None	
Project Issue Management Status					
Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution	
Project Recommendations					
The project is on time and on budget at this point. Brainstorming processes are in place in order to deliver the highest quality of output. Scope change requests will be reviewed and is subject for approval from both the key project stakeholders and the project team. Possible project issues and risks will be managed and addressed by effective and open communication with within the project team itself and with the key project stakeholders.					
Objectives for Next Project Status Review					
Web Development should be close to 50%. Any alterations on initial plans will be carefully reviewed and is subject for approval by the client and project development team.					
Related Project Information					
<ul style="list-style-type: none"> ● Budget Report Summary ● Issue Record Report ● Scope Change Report - 					

<https://drive.google.com/open?id=0B15VEggMuEzBalZXaXhpQVBLbWc>

- Project Work Plan -
http://i1378.photobucket.com/albums/ah106/mgpunla/DrDentAssist/Gantt%20Chart_zpsttbk8i5o.png
http://i1378.photobucket.com/albums/ah106/mgpunla/DrDentAssist/Gantt%20Chart2_zpspp9azrbwz.png
- Project Metrics/Statistics
- Quality Management Review.



PROJECT STATUS REPORT APPROVALS

Prepared by Reimarie Princess Quirante
Project Manager

Approved by Jacob Catayoc
Project Advisor

Wealthea E. Ingeniero
Client Sponsor

Project Status Report Week 3



Project Status Report

Project Name: DrDentAssist

Department:

Focus Area:

Product/Process: Website for CSPROJ2

Prepared By:

Document Owner(s)	Project/Organization Role
Reimarie Princess Quirante	Project Manager/Dev
Maria Kristina Punla	Document Analyst
Chloe Tañada	Document Analyst/ Control Analyst/Dev

Project Status Report Version Control

Version	Date	Author	Change Description
1.0	07/05/17	Reimarie Princess Quirante	Document created

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PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document is to provide a progress report to key project stakeholders regarding the design and development of DrDentAssist.

PROJECT STATUS REPORT TEMPLATE

4.1 Project Status Report Details

The team has worked together to formulate the UML diagrams needed to design the project. It further analysed the user requirements and system functions that the system will have.

- Project ongoing, 25% completed
 - DrDentAssist is a website aimed to get more customers for Happy Clinique by providing an easy and flexible means for the online community to reach the clinic and book appointments with them.
 - The team had prepared the necessary UML diagrams to support the design and development of the website. A client visit was scheduled and further data and feedback was gathered from client.
 - The project aims to get to the targeted milestones on time in order to deliver customer requirements with quality and efficiency. Failure to do so will increase project cost and decrease our client's satisfaction.
 - Budget Report
 - Planned Expenditure
 - The team is has spent on transportation allowances from visiting stakeholders throughout the project and reporting progress.
 - The team will also be provided their respective regular allowance while working on the project.
 - The team also has documentation costs which include printing and supplies.
 - Actual Expenditure
 - The team has spent already on transportation costs and

documentations costs.

- Risk Management Report

At this phase, risks of not meeting the targeted time to completion is becoming. Further collaboration with the team in order to assist and provide information to each member about the system is very critical.

- Issues

Diagrams are still not complete at this point but each team member is doing their best to catch up with the assigned schedule.

The Project needs to consistently deliver deliverables on time. Getting a document or plan early can give more time for it to be scrutinized and perfected before the actual development or implementation process.

4.2 Project Status Report Template

Project Name			
Prepared By: Reimarie Princess Quirante	Date: 07/05/17	Reporting Period: 06/28/17 to 07/05/2017	
Project Overall Status:			
Project analysis, design and development are ongoing.			
Project Summary: The project aims to develop this website with minimal corrections or alterations from what is planned. Continuous input from client and reporting is necessary to keep everything in check.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	07/02/17	100%	On schedule
▪ Team Brainstorming	07/05/17	100%	On schedule
Milestone 2			

● Document Analysis	07/05/17	40%	Behind schedule
● Website Development	07/05/17	20%	Behind schedule

Milestone Deliverables scheduled for completion over next period

Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	06/24/17	0%	Not yet started
○ Client Visit/Brainstorming	06/24/17	0%	Not yet started
Milestone 2			
● Document Analysis	06/28/17	50%	In progress
● Website Development	06/28/17	50%	In progress

Project impact of milestone success or failure for project remainder

Web development schedule may be affected due to brainstorming with clients. The team has put more time into analysing the requirements prior to system development in order to provide a better quality system. We are targeting minimal changes in reference to the proposed plan.	As we are using the Laravel framework, easy coding, even with changes in the requirements can get us off-track only to about 10% of the web development schedule.
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Project Budget/Financial Status

Budget Item	Planned Budget	Actual Cost	Variance/Explanation
Transportation	3, 000	600	Have not spented for the whole term yet
Manpower monthly allowance	210, 000	70, 000	One month allowance for the team

Supplies and Printing	1, 000	250	Forms and diagrams were printed	
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Project Risk Management Status

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
Project Schedule ● Timely submission of deliverables	Medium-High	Medium	Medium	Design and Analysis Phase is behind schedule

Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
System Requirements have only been finalized as per last reporting, analysis and design is ongoing but development is lagging behind.	Deliverables might not be met on time	7/12/2017	Resolution underway	Triple time on development

Project Recommendations

The project is on budget at this point. Development is behind schedule but mitigation processes are in place to keep up with the schedule. Brainstorming processes are in place in order to deliver the highest quality of output. Scope change requests will be reviewed and is subject for approval from both the key project stakeholders and the project team. Possible project issues and risks will be managed and addressed by effective and open communication with within the project team itself and with the key project stakeholders.

Objectives for Next Project Status Review

Web Development should be close to 50%. Any alterations on initial plans will be carefully reviewed and is subject for approval by the client and project development team.

Related Project Information

- Budget Report Summary
- Issue Record Report
- Scope Change Report
- Project Work Plan
- Project Metrics/Statistics
- Quality Management Review.



PROJECT STATUS REPORT APPROVALS

Prepared by Reimarie Princess Quirante

Project Manager

Approved by Jacob Catayoc

Project Advisor

Wealthea E. Ingeniero

Client Sponsor



Project Status Report Week 4



Project Status Report

Project Name: DrDentAssist

Department:

Focus Area:

Product/Process: Website for CSPROJ2

Prepared By:

Document Owner(s)	Project/Organization Role
Reimarie Princess Quirante	Project Manager/Dev
Maria Kristina Punla	Document Analyst
Chloe Tañada	Document Analyst/ Control Analyst/Dev

Project Status Report Version Control

Version	Date	Author	Change Description
1.0	07/12/17	Reimarie Princess Quirante	Document created

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4.1	Document Guidelines	7
4.2	Project Status Report Sections Omitted	7

PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document is to provide a progress report to key project stakeholders regarding the design and development of DrDentAssist.

PROJECT STATUS REPORT TEMPLATE

7.1 Project Status Report Details

The team has worked together to formulate the UML diagrams needed to design the project. It further analysed the user requirements and system functions that the system will have.

- Project ongoing, 35% completed
 - DrDentAssist is a website aimed to get more customers for Happy Clinique by providing an easy and flexible means for the online community to reach the clinic and book appointments with them.
 - The team had prepared the necessary UML diagrams to support the design and development of the website. A client visit was scheduled and further data and feedback was gathered from client.
 - The project aims to get to the targeted milestones on time in order to deliver customer requirements with quality and efficiency. Failure to do so will increase project cost and decrease our client's satisfaction.
 - Budget Report
 - Planned Expenditure
 - The team will have transportation allowances spent on visiting stakeholders throughout the project and reporting progress.
 - The team will be provided their respective regular allowance while working on the project.
 - The team also has documentation costs which include printing and supplies.
 - Actual Expenditure
 - The team has spent already on transportation costs and documentations costs, a month of allowance had been

disbursed.

- Risk Management Report

At this phase, risks of not meeting the targeted time to completion is becoming. Further collaboration with the team in order to assist and provide information to each member about the system is very critical.

- Issues

Diagrams are still not complete at this point but each team member is doing their best to catch up with the assigned schedule.

The Project needs to consistently deliver deliverables on time. Getting a document or plan early can give more time for it to be scrutinized and perfected before the actual development or implementation process.

7.2 Project Status Report Template

Project Name			
Prepared By: Reimarie Princess Quirante	Date: 07/12/17	Reporting Period: 07/05/17 to 07/12/2017	
Project Overall Status:			
Project analysis, design and development are ongoing.			
Project Summary: The project aims to develop this website with minimal corrections or alterations from what is planned. Continuous input from client and reporting is necessary to keep everything in check.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	07/08/17	100%	On schedule
▪ Team Brainstorming	07/08/17	100%	On schedule
Milestone 2			

● Document Analysis	07/12/17	50%	On schedule
● Website Development	07/12/17	25%	Behind schedule

Milestone Deliverables scheduled for completion over next period

Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
● Project Consultation	07/15/17	0%	Not yet started
○ Client Visit/Brainstorming	07/15/17	0%	Not yet started
Milestone 2			
● Document Analysis	07/19/17	60%	In progress
● Website Development	07/19/17	50%	In progress

Project impact of milestone success or failure for project remainder

Web development schedule may be affected due to brainstorming with clients. The team has put more time into analysing the requirements prior to system development in order to provide a better quality system. We are targeting minimal changes in reference to the proposed plan.	As we are using the Laravel framework, easy coding, even with changes in the requirements can get us off-track only to about 10% of the web development schedule.
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Project Budget/Financial Status

Budget Item	Planned Budget	Actual Cost	Variance/Explanation
Transportation	3, 000	1, 200	Have not spent for the whole term yet
Manpower monthly allowance	210, 000	140,000	Two months allowance for the team

Supplies and Printing	1, 000	500	Forms and diagrams were printed	
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Project Risk Management Status

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
Project Schedule ● Timely submission of deliverables	Medium-High	Medium	Medium	Design and Analysis Phase is behind schedule, thus, development is slow

Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
Manpower hours was spent on documentation and analysis rather than development	May give better quality to the system if deliverables are met on time	7/19/2017	Resolution underway	Triple time on development

Project Recommendations

The project is on budget at this point. Development is behind schedule but mitigation processes are in place to keep up with the schedule. Brainstorming processes are in place in order to deliver the highest quality of output. Scope change requests will be reviewed and is subject for approval from both the key project stakeholders and the project team. Possible project issues and risks will be managed and addressed by effective and open communication with within the project team itself and with the key project stakeholders.

Objectives for Next Project Status Review

Web Development should be 50%. Any alterations on initial plans will be carefully reviewed and is subject for approval by the client and project development team.

Related Project Information

- Budget Report Summary
- Issue Record Report
- Scope Change Report
- Project Work Plan
- Project Metrics/Statistics
- Quality Management Review.

PROJECT STATUS REPORT APPROVALS

Prepared by Reimarie Princess Quirante

Project Manager

Approved by Jacob Catayoc

Project Advisor

Wealthea E. Ingeniero

Client Sponsor