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# **Vision and Scope Document**

**For**

# **DRDENTASSIST**

**Version 1.0 approved**

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## Revision History

Name	Date	Reason For Changes	Version
<ul style="list-style-type: none"> <li>▪ Maria Kristina Punla</li> <li>▪ Reimarie Princess Quirante</li> <li>▪ Chloe Tanada</li> </ul>	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

Stakeholder	Major Value	Attitudes	Major Interests	Constraints
Leticia Aspiras (Owner)	Increased revenue	Sees the system as avenue to 35% increase of revenue and patients.	Increase in revenue. Increase in new 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
Receptionist	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 (state objective)	Constraint (state limits)	Degree of Freedom (state allowable range)
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.
Features	The system must be running.	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
Staff	The team is determined to and goal oriented to complete the project on time.	Time and schedule conflict.	85% -100 % of the time committed for the project should be achieve for release 1.0
Cost	The overall expense should not exceed the allotted budget for creating the system.	Maximum Budget	Exceeding the budget of 10 to 15% is still acceptable.



#### **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.