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**Vision and Scope Document**

**for**

**DrDentAssist**

**Version 1.0 approved**

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II. Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| * Maria Kristina Punla * Reimarie Princess Quirante * Chloe Tanada | June 16, 2017 | First Draft | 1 |
|  |  |  |  |

# **1.** **Business Requirements**

## **1.1.** **Background**

Happy Clinique is a clinic catering to both dental 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 dental clinique 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 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 and to transition their patient’s record to paperless. As a goal the clinique 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 clinique.

## **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 service. This will also totally change how the clinique holds their patient’s record. The site will definitely increase their patients as they do not need to try their luck, waste time and money to get a dental service. DrDentAssist will resolve the issues to the traditional booking method that their patients dealt with.

## **2.1.** **Vision Statement**

DrDentAssist vision is to provide our patient's dental 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.

# **3.** **Scope and Limitations**

**3.1.** **Scope of Initial Release**

The scope of the DrDentAssist project includes the planning, design, development, testing, and transition of the clinic’s manual record keeping system and appointment system to a web-based and digitized version. This software will meet or exceed organizational software standards and additional requirements established in the project charter. The scope of this project also includes completion of all documentation, manuals, and training aids to be used in conjunction with the web service. Project completion will occur when the website goes live and documentation package has been successfully executed and transitioned to Happy Clinique for production.

All of the DrDentAssist project work will be performed internally and no portion of this project will be outsourced. The scope of this project does not include any changes in requirements to standard operating systems to run the software, software updates or revisions.

## **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 dental clinique 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 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 and easy access of patient’s record.  Expects to cater to new patients | Efficient scheduling of patients and easy access of patients record. | Adaptability to the new system |
| Receptionist | Quick access to patient’s record and doctors schedule | 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 t0 15% is still acceptable. |

## **4.3.** **Operating Environment**

The new and improved Happy Clinique website will be replacing their manual booking/appointment system and their traditional patient’s record. The system will be created via Laravel Framework. The user of the systems will be the receptionist who manages the Doctor’s appointment and patient’s records and patients that can access the site for online booking. System will provide a no service interruptions or continuous access to the system. The system will have a username and password feature for both the clinique side and patient’s side as a security control.