

Quality Plan

For

DRDENTASSIST

Version 1.0 approved

Prepared by:

Maria Kristina Punla

Chloe Tañada

Reimarie Princess Quirante

Asia Pacific College

June 14, 2017

Table of Contents

Introduction 3

Project Contractual Information 3

Scope of Work and Quality Objectives4

Project Organization5

Project Duration and Scheduling.....6

Deliverables8

Review of Quality Plan8

Document and Record Control.....8

Documented Procedures.....8

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 Marquezo 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 be 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 can 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 design 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 Marquezo

Mary Jane Santos

Charizza Jinayon

Technical Reviews: Leticia Aspiras

Nancy Calimag

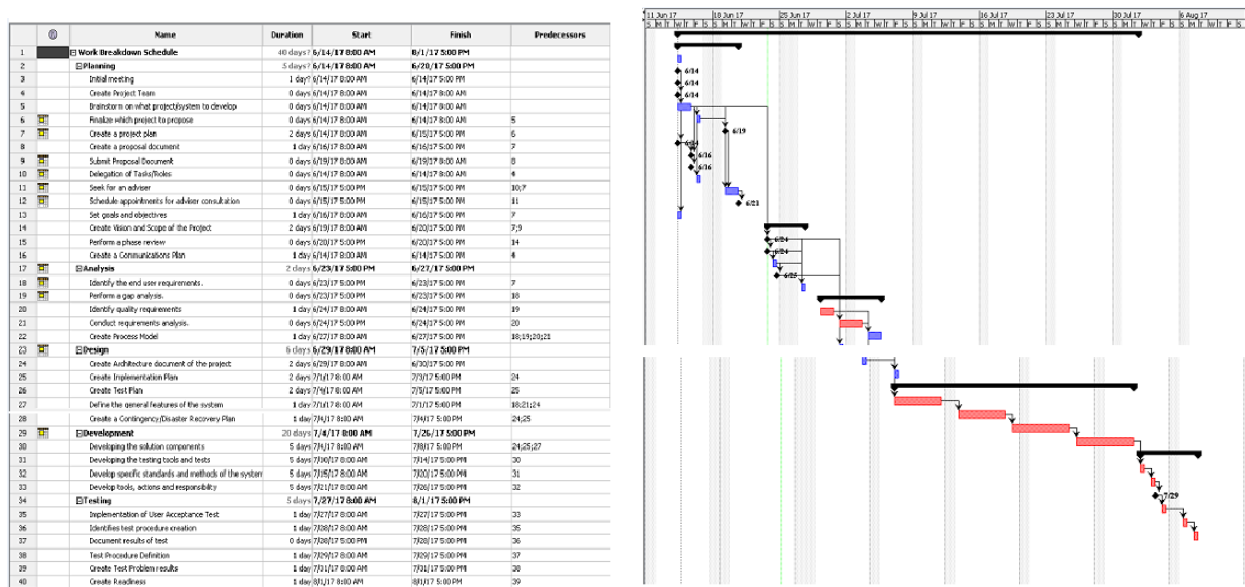
5. Project Duration and Scheduling

Start Date: June 7, 2017

Completion Date: August 23, 2017

Scheduling of Activities:

Gantt Chart:



Activity list

Activity #	Activity Name	Activity Name Description	# of Days	Start Date	Dependency	Milestone
1	Planning	Planning on Project Development	1	06/07/17		Final decision of the project
2	Analysis	Project Requirements Analysis	1	06/07/17	SS	Final analysis
2.1	Analysis Documentation	WBS/ Gantt Chart/ Activity List	1	6/21/17	1FS + 5 day lag	
2.2	Analysis	Project Documents	13	06/14/17	5 day lag	Final documents
3	Design	System Architecture	5	06/14/17	FS	Detailed design
4	Development	System Development	20	06/14/17	lag	Software code
4.1	GUI	Develop GUI	10	06/14/17	5 day lag	
4.2	Code	Code subroutine	20	06/14/17	lag	Prototype
4.3	Functions	System Functions Development	25		5 day lag	Final working prototype
5	Online requirements	Wiki	2	06/14/17	3 day lag	Final Online Documents
5.1	Online requirements	Microsoft Planner	2	06/14/17	3 day lag	Final Online Documents
5.2	Online requirements	GitHub	0	06/14/17	1 day lag	Final Online Documents

Legend:

- FS = The specific task must finish prior to starting the identified task
- SS = Two identified tasks start at the same time, but are not linked to finish at the same time.
- FF = Two identified tasks finish at the same time, but are not linked to start at the same time.
- Blank = Task has no dependency
- Lag = Additional days can be added for reserve to ensure project stays on schedule.

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 contains 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 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