Quality Plan

For

DRDENTASSIST

Version 1.0 approved

Prepared by:

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June 14, 2017

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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		
	Admins will be given different permissions. The Admins (Doctors and			
	Reception Admin) can manage patients appointment. While patients would			
Accessibility	only have permission to manage their own appointment.			
	The correcteness of the system will be determined if the patient was able to			
Correctness	submit an appointment requust online .			
Efficiency	The system aims to increase patients and increase productivity of employees.			
	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			
Expandability	spoource.			
	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			
Integrity	accessto managing patients appointment.			
	The system will engage with different mailing platorm. The system will be			
	sending confirmation emails to the patients regarding their registration to the			
Interoperability	site and appintment 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.			
	The design of the website is minimalistic. It will contain information about the			
	clinique. It will also shows clinique's services offered and the availability of			
Presentability	the Doctors.			
Reliability	The system will can accept bookings as long as the server is running.			
Reusability	Login and Booking modules can be usesd 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:

0	Name	Duration	Start	Finish	Predecessors
	FI Work Breakdown Schedule	40 days? 6 /	/14/178:00 AM	8/1/17 5:00 PM	
	⊟Planning	5 days? 6/	/14/178:00 AM	6/20/17 5:00 PM	
3	Initial meeting	1 day? 60	14/17 8:00 AM	6/14/17 5:00 PM	
4	Create Project Team		14/17 8:00 AM	6/14/17 8:00 AM	
5	Brainstorm on what project/system to develop		14/17 8:00 AM	6/14/17 8:00 AM	
6 🛅	Finalize which project to propose		14/17 8:00 AM	6/14/17 8:00 AM	5
7 🖽	Greate a project plan		14/17 8:00 AM	6/15/17 5:00 PM	6
8	Create a proposal document		16/17 8:00 AM	6/16/17 5:00 PM	,
9 🔠	Submit Proposal Document		19/17 8:00 AM	6/19/17 8:00 AM	B
0 1	Delegation of Tasks/Noles		14/17 8:00 AM	6/14/17 8:00 AM	4
1 1	Seek for an adviser		15/17 5:00 PM	6/15/17 5:00 PM	10:7
2 🖽	Schedule appointments for advisor consultation		15/17 5:00 PM	6/15/17 5:00 PM	11
13	Set goals and objectives		16/17 8:00 AM	6/16/17 5:00 PM	2
14	Create Vision and Scope of the Project		19/17 8:00 AM	6/20/17 5:00 PM	7:9
15	Perform a phase review		20/17 5:00 PM	6/20/17 5:00 PM	14
6	Greate a Communications Plan		14/17 8:00 AM	6/14/17 5:00 PM	4
17	BAnalysis		723/17 5:00 PM	6/27/17 S:00 PM	•
11.111					
18	Identify the end user requirements.		23/17 S:00 PM	6/23/17 5:00 PM	7
9 🗖	Perform a gap analysis.		23/17 5:00 PM	6/23/17 5:00 PM	18
20	Identify quality requirements		24/17 B:00 AM	6/24/17 5:00 PM	19
21	Conduct requirements analysis.		24/17 5:00 PM	6/24/17 5:00 PM	20
22	Create Process Model		27/17 8:00 AM	6/27/17 5:00 PM	18;19;20;21
23 📮	ElPesign		/29/178/00 AM	7/5/17 5:00 PM	
24	Create Architecture document of the project		29/17 B:00 AM	6/30/17 5:00 PM	
25	Create Implementation Plan		1/178:00 AM	7/3/17 5:00 PM	24
26	Create Test Plan	2 days 7/1	4/17 6:00 AM	7/5/17 5:00 PM	25
27	Define the general features of the system	1 day 7/1	1/178:00 AM	7/1/17 5:00 PM	18:21:24
28	Greate a Contingency/Disaster Recovery Plan	1 day 7/	NJ17 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		HJ17 8:00 AM	788817 5:00 PM	24:25:27
31	Developing the testing tools and tests		10/17 8:00 AM	7/14/17 5:00 PM	30
32	Develop specific standards and methods of the system		115717 8:00 AM	7800125:00 PM	31
33	Develop tools, actions and responsibility		121/17 8:00 AM	7826/17 5:00 PM	32
34	□Testing		/27/17 8:00 AM	8/1/17 5:00 PM	
35	Implementation of User Acceptance Test		27/17 8:00 AM	7/27/17 5:00 PM	33
36	Identifies test procedure creation		128/17 8:00 AM	7928/17 5:00 PM	35
37	Document results of test		28/17 5:00 PM	7/28/17 5:00 PM	36
38	Test Procedure Definition		129/17 8:00 AM	7/09/17 5:00 PM	37
39	Greate Test Problem results		01/17 0:00 AM	7/01/17 5:00 PM	30
40	Greate Readiness		11/17 8:00 AM	8/1/17 5:00 PM	39
.0	Create Readness	1 day 8/	11/17 8:00 AM	893,417 S:00 PM	39

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: Date: July 20, 2017

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Checked by: Date: July 20, 2017

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Approved by: Date: July 20, 2017

Reimarie Princess Quirante