

# Project Plan

## Brilliant Dentistry CRM Web App

### Brilliant Dentistry

<b>Industry Partner</b>	Brilliant Dentistry
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<b>Team Member</b>	Truong Thi Bui
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#### Document Revision History

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0.1	2022-10-10

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## 1. Executive Summary

The following describes the project to be executed.

Objective	<p>The primary objective is to completely redesign and redevelop Brilliant Dentist's current website with an appointment and booking system. The secondary objective would be to create a patient portal to allow them to track information about the previous visits and get recommendations based on it.</p> <p>The above objectives will be implemented with industry standards security features such as HTTPS.</p>
Corporate Goals Addressed	The company's current website which lacks features contains errors and duplicated content. It also does not interface with the client's current management system Open Dental.
Planned Start Date	October 2, 2022
Planned End Date	Friday, March 31, 2023.

## 2. Project Approvers, Reviews and Distribution List

Approvers, reviewers, and distribution list

Project Role	Name	E-mail	Date
Counsellor/partner liaison	Reza Dibaj	<a href="mailto:reza.dibaj@georgebrown.ca">reza.dibaj@georgebrown.ca</a>	2022-10-10
Capstone Professor	Anjana Shah	ashah@georgebrown.ca	2022-10-11

### 3. Scope

Define the sum total of all of its products and their requirements or features.

In Scope	Out of Scope
Complete website redesign	Re-implementing systems provided by Open Dental.
Appointment management	Redeployment of existing infrastructure to the cloud.
Automation of booking	Collection/Processing of patient data.
Getting an HTTPS certificate	Creating Tutorial videos for the clinic.

### 4. Deliverables

This project will deliver the following.

Deliverable	Description
Database	database containing necessary tables for facilitating patient information and appointment bookings.
React front-end	user friendly UI with modern design that provides information about clinic.
Restful API back end	back-end that will support a front-end and database while facilitating patient information, appointments and other important business processes.

### 5. Assumptions

This project makes the following assumptions.

- We will have permissions to inspect current database tables without accessing any data.
- We will have access to existing documentation that describes business processes.
- We have the skills to build a website that is better than the current Brilliant Dentistry website.

### 6. Dependencies

The following are the internal and external dependencies that will have to be acknowledged and addressed.

- Access to the brilliant dentistry domain and hosting services.
- Access to mock patient data that represents actual patient data.
- Access to existing Open Dental installation endpoints.
- Business will provide us with information about the services they provide and other relevant content to post on the new web application.

## 7. Risk Management

Potential Risk	Severity (H/M/L)	Likelihood (H/M/L)	Management Strategy
Violating PHIPA	H	L	Avoid accessing real data about patients
Open Dental licencing conflicts	M	M	Gathering information about Open Dental licences
Failure to consider costs of deploying a web application	L	L	Planning deployment options ahead and ensuring industry partner understands there might be higher costs.

## 8. Communication

### 8.1. Reporting

The following reports will be produced.

Report	Audience	Frequency
Minutes of meeting	group members	weekly
Progress reports	group, stakeholder liaison	bi-weekly

### 8.2 Meetings

The following meetings/communication will be established.

Meeting	Purpose	Attendees	Frequency
Group Meeting	Planning out tasks and checking progress	all group members	weekly
Liaison meeting	Update liaison on progress and ask questions about requirements	75% of group members and liaison	weekly
Stakeholder meeting	update stakeholder on progress and ask for feedback	All group members, liaison, and stakeholder	monthly
Capstone class	communicate progress with professor and ask questions	all group members	weekly

## 9. Task Listing (WBS- Work Breakdown Structure)

Reference	Tasks	Duration	Dependency
A	SWOT	1 days	
B	Personas	3 days	
C	User stories	3 days	B
D	High Level Requirements	3 days	
E	Team Charter	2 days	D
F	Project plan	2 days	D, E
G	Product Backlog	1 Days	F
H	Sprint Backlog	1 Days	G
I	Presentation01	1 days	G, H

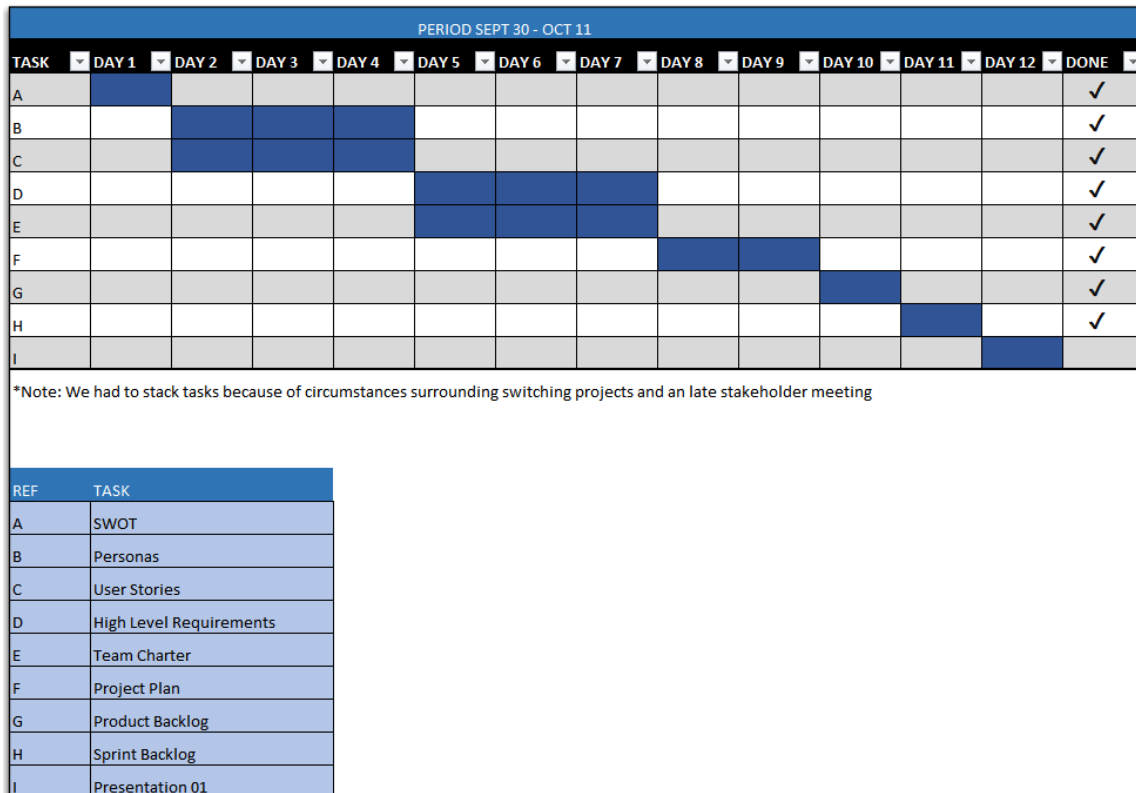
### 9. 1. Other tasks

Reference	Tasks	Duration	Dependency
A	Minutes of meeting	12	N/A

\*Minutes of meeting are created after meetings, and there's lots of unplanned meetings.

## 10. Gantt Chart

Create a detailed Gantt Chart from your Task Listing(Use any software tool and paste the image or upload as a separate file that can be opened as pdf/doc/xls)



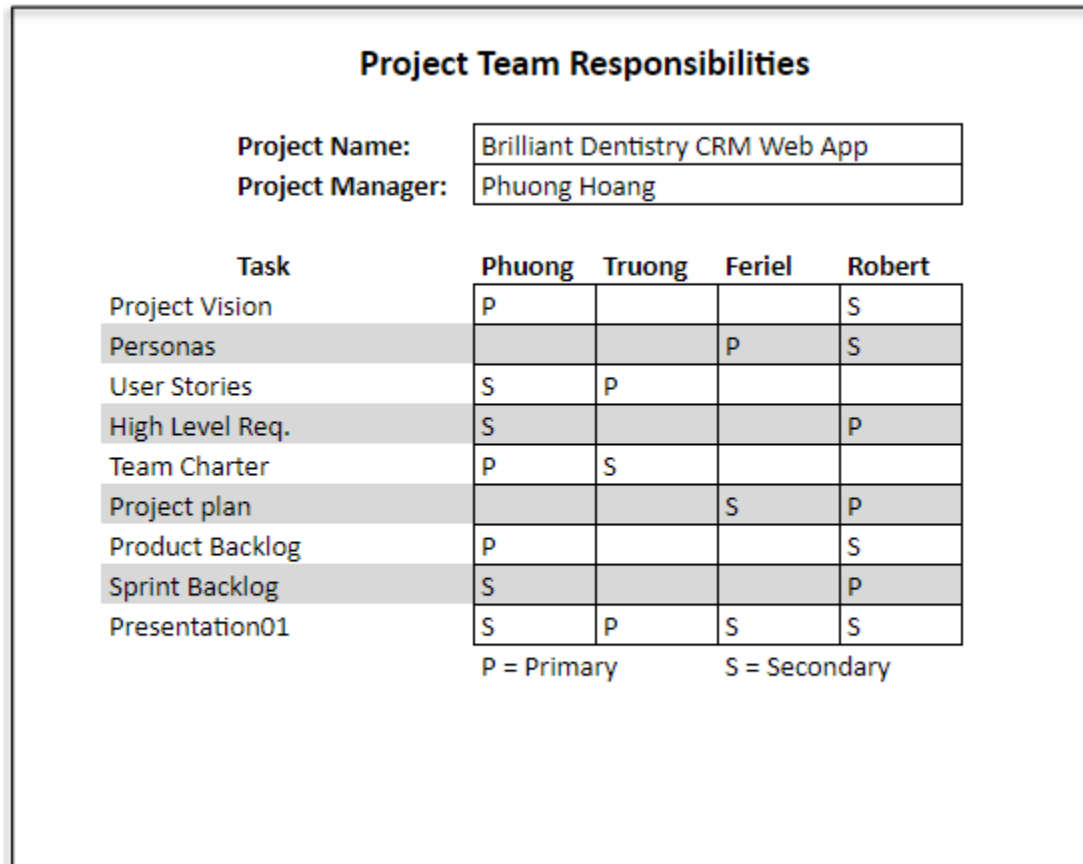
\*Excel File contains this diagram on Gantt sheet

## 11. Milestones

Major Activity or Milestone	Estimated Milestone Target date	Owner/Reviewer Team Members
Sprint 01 - Project Vision, High Level Requirements, Personas, User Stories	2022-10-10	Reza Dibaj
Sprint 02 - Project Planning, Team Charter, Product Backlog, Sprint Backlog	2022-10-10	Reza Dibaj
Presentation 01	2022-10-21	Reza Dibaj

Sprint 03 - System Requirements, Analysis and Design of Data Models	2022-11-04	Reza Dibaj
Sprint 04 - Wireframes/Prototype. Technical Requirements	2022-11-25	Reza Dibaj
Presentation 02	2022-12-02	Reza Dibaj

## 12. RAM – Responsibility Assignment Matrix



\*Excel File contains this diagram on RAM sheet

## 13. Approval

The signatures below indicate their approval of the contents of this document.

Project Role	Name	Signature	Date
Counsellor/ Partner liaison	Reza Dibaj	<i>Reza Dibaj</i>	2022-10-10
Team Member	Truong Thi Bui	<i>Truong Thi Bui</i>	2022-10-10
Team Member	Phuong Hoang	<i>Phuong Hoang</i>	2022-10-10



Team Member	Feriel Maamer	<i>Feriel Maamer</i>	2022-10-10
Team Member	Robert Kaczur	<i>Robert Kaczur</i>	2022-10-10
Team Member	Mahmoud Farghali	<i>Mahmoud farghali</i>	2022-10-10