A5 Project Charter

Problem Statement

Problem statement: British Columbia is going through a historic shortage of qualified doctors but with increasing inflow of refugees & permanent residents in BC, patients find it difficult to connect with a family doctor and has to wait months to see a doctor.

Solution: A doctor finding application where patients can search for doctors within the range of their location. Doctor Finder acts both as a consolidates directory and as an appointment booking and management system.

Goal Statement

Our goal is to connect patients to doctors by providing with the details of their location, their specialty, their connection details and by providing the ability to book them.

Business Case & Benefits

Why is this project worth doing?

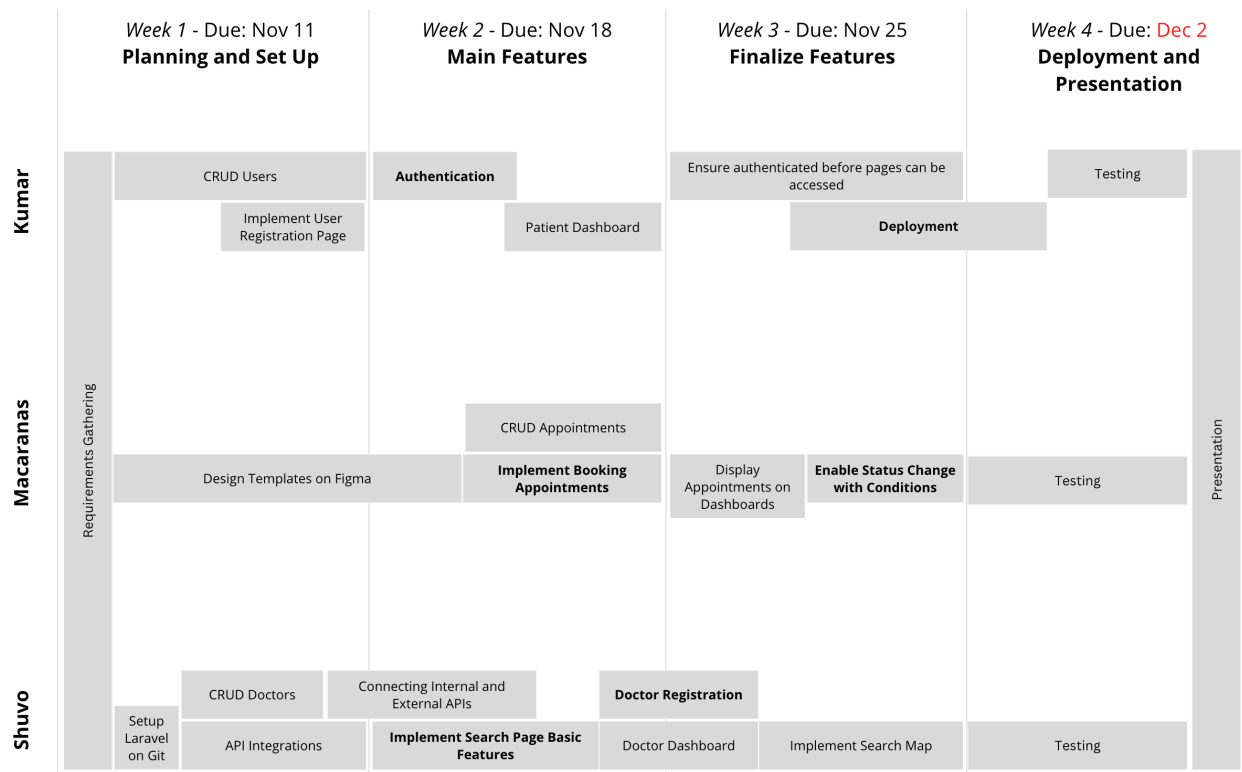This project aims to help patients find relevant doctors.

Why is this important to do now?

With more people immigrating to Canada, the main problem they face is finding doctors when they have to do check ups and hospitals has a very long wait, this aims to solve these problems.

What are the consequences of not doing this projects?

After analyzing the market we have seen there is no easy way to find doctors online and we aim to make it easy, the major consequence is people will not have access to this easy service.

Timeline

	Week 1 - Due: Nov 11 **Planning and Set Up**	Week 2 - Due: Nov 18 **Main Features**	Week 3 - Due: Nov 25 **Finalize Features**	Week 4 - Due: Dec 2 **Deployment and Presentation**
Kumar	CRUD Users / Implement User Registration Page	**Authentication** / Patient Dashboard	Ensure authenticated before pages can be accessed / **Deployment**	Testing
Macaranas	Design Templates on Figma	CRUD Appointments / **Implement Booking Appointments**	Display Appointments on Dashboards / **Enable Status Change with Conditions**	Testing
Shuvo	Setup Laravel on Git / CRUD Doctors / API Integrations	Connecting Internal and External APIs / **Implement Search Page Basic Features**	**Doctor Registration** / Doctor Dashboard / Implement Search Map	Testing

Requirements Gathering (Week 1, spanning all rows)

Presentation (Week 4, spanning all rows)

Scope

Included

- Map Feature
- Doctor Catalogue
- Search Feature
- Login and Authentication
- Registration for Patient and Doctor
- Update Patient and Doctor
- Appointment Booking Feature
- Patient Dashboard and Doctor Dashboard with Appointment Table

Not Included

- Doctor Finder is only available for British Columbia

- The doctor has to be registered as a user first. For now we are assuming all doctors registering are genuine as legitimacy validation is beyond time frame.

- Time slot is general for all doctors, everyday at 7am-6pm. We are not handling the doctor's scheduling.

Team Member

Position	Person	Title	% of time
Team Lead	Jennifer Macaranas #3003521913		33.33%
Software Developer	Shuvo, Raiyan #300358160		33.33%
Software Developer	Kumar, Deepak #300357444		33.33%