STY1991 Check-In 1

Project Title: CLINICAL APPOINTMENT SCHEDULER

Problem

Visiting walk-in clinics and booking medical appointments in Canada can often be time-consuming, inefficient, and frustrating for both patients and healthcare providers. Many clinics still rely on manual and in-person systems which lead to long wait times and poor coordination. Patients often spend hours waiting for medical services that only take minutes to deliver, creating unnecessary strain on both sides.

Project Idea/ Solution

The Clinical Appointment Scheduler is a user-friendly web application to reduce clinic congestion and improve patient access. Patients can easily:

- Book Appointment
- View Appointments
- Update Appointment
- Cancel Appointment

Clinics can manage daily schedules and improve staff planning with real-time updates.

Excluded in this version are:

- User accounts/logins
- Notifications (email/SMS)
- Patient registration
- Mobile responsiveness

Project Plan

Using Visual Studio 2022, the project is feasible within the 2-week timeline (June 13), typical for a sprint.

Week 1:

- Project Setup
- Appointment booking logic
- View appointment functionality
- Cancel/ Update appointments
- Integration testing

Week 2:

- Input Validation & error handling
- Final testing
- Documentation & presentation preparations