STATEMENT OF WORK

1. General Information

Project Name	Walk-In Clinic System
Project ID	PROG-8420-Group-Project
Project Type	Health Care Management System
Total Project Cost	TBA
Client	Mr. Marcos Bittencourt
Project Team	Akash Atushkumar Patel, Anum Khattak, Mansi Kanubhai Parekh, Neel Vrajeshkumar Patel

2. Point Of Contact

Name	Organization	Email
Anum Khattak	Conestoga College	Akhattak4395@conestogac.on.ca

3. Background

In the health care industry, walk-in clinics refer to any healthcare provider that provides care without making an appointment. Walk-in clinics were initially designed to offer a healthcare option to those without insurance, providing walk-in care for essential medical services at a fraction of cost and the wait time of an Emergency Room (ER). As the population of Canada is on the rise, it is challenging to maintain walk-in clinics as low-cost and wait-free services due to frequent visits by Canadians for low-risk medical services such as immunization shots, minor injuries, and prescription renewal. The need for online automated appointment scheduling and visitor logs to predict trends using Big Data techniques that improves and maintains essential services is on the rise. Our team is hired to develop a healthcare management system called Walk-In Clinic System to assist patients in scheduling appointments before their visit. It will also help the clinic staff review their services by reviewing monthly statistical graphs and data trends generated by the system.

4. Objective

This project will assist clients to see a healthcare provider at an appointed time selected by the client without the hassle of wait time and has access to more flexible hours as walk-in clinics are often open evenings and weekends. Also, the client visit data log is stored in our system for an extended period, which can be accessed quickly by both patient and healthcare provider; in turn, both parties will avoid a lot of paper keeping like in the traditional method. Moreover, our system will assist the clinic by automating time-scheduling and effectively coordinating the work's peak time to achieve higher customer satisfaction.

5. Project Scope

- Portal Design & Deployment
- Database Design & Deployment

- Information Architecture -- (List of forms, features)
- Explore Data trends using Big Data concepts (e.g.)
    I. A predictive model can predict the number of cases that increase in a particular month.
    II. Graph of a correlation between weather and illness data.

6. Task

- ✓ Market Research
- ✓ Project Configuration
- ✓ Database configuration to match project specifications
- ✓ Design UI
- ✓ Module design and implementation.
- ✓ Collecting dummy data
- ✓ Test

7. Project Assumptions

- Walk-In Clinic System only allows adults (16+) to book a walk-in appointment ahead of time. Any walk-in appointment requested for a child (>16) must be booked by an adult (+16) or Parent.

8. Deliverable

Phase No.	Item(s)	Deadline Date
Phase 1	Proposal Presentation	05 July 2021
Phase 2	Development Progress Report	14 July 2021
Phase 3	Development Progress MVP	04 August 2021
Phase 4	Project Final Presentation	18 August 2021
Phase 5	Documentation + Project Code Submission	18 August 2021

9. Standards And Testing

- ✓ Compliance with the Accessibility for Ontarians with Disabilities Act (AODA)
- ✓ Unit Test
- ✓ System Test
- ✓ User Test Cases
- ✓ Negative Test

10. Payment Schedule

Statement(s)	Amount ($CAD)	Deadline Date
Initial Payment	TBA	05th July 2021
Final Payment	TBA	18th August 2021

11. Delivery Date

Date	Time
18th August 2021	TBA

12. Acceptance

Legal Name	Signature	Date
Mr. Marcos Bittencourt (Client)		
Akash Atushkumar Patel		
Anum Khattak		
Mansi Kanubhai Parekh		
Neel Vrajeshkumar Patel		