

PROJECT CHARTER	
<b>Project Name</b>	Covid BusinessPro Web Application
<b>Date Produced</b>	October 26, 2020
<b>Project Goals</b>	The Covid BusinessPro application aims to provide services to business enterprises in the city of Regina, Saskatchewan that assist with the COVID-19 pandemic. Our application will support the organization's goal of allowing employees to feel safe within their businesses and aid in the reopening of the organization. We will achieve this by providing a system that can track employee symptoms and provide contact tracing, notifying Human Resources when an employee has 5 corresponding COVID-19 symptoms. Our application will also track trends, clusters and the spread of symptoms within an organization.
<b>Project Objectives</b>	<ul style="list-style-type: none"> <li>○ Improve speed and efficiency of "deep cleaning" of organization after a positive COVID-19 test result by an employee through contact tracing component of app, which supplies an immediate chain of contacts within the business, reflecting who employees were in contact with, and in which areas of the building or departments.</li> <li>○ Optimize the business response to taking precautionary measures such as mandating the employee stay home and receive testing, by providing an immediate alert to the employer, triggered when an employee has alert level 1 (3-4 symptoms) or alert level 2 (5 symptoms).</li> <li>○ Improve the ability of businesses to track trends, clusters and the spread of symptoms within the organization through graphical representations of data and the use of APIs to reflect affected areas within Regina on a map to highlight whether the business is in a high risk area.</li> <li>○ Securely manage employee data by following PIPEDA and HIPAA guidelines and encryption of user data stored in our database.</li> </ul>
<b>Project Budget</b>	\$0.00
<b>Project Sponsor</b>	Dr. Timothy Maciag, University of Regina Software Engineering Professor
<b>Project Manager</b>	Zhuo Chen, Project Manager Bernadette Veninata, Project Manager Alish Kadiwal, Project Manager Abraham Mugerwa, Project Manager
<b>Additional Key Project Stakeholders</b>	
Jane Doe, Human Resources Manager John Smith, CEO	
Overall Project Milestones	Dates
Idea & selection	Oct 2nd, 2020

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Project idea selection & introduction vlog Project	Oct 9th, 2020
prerequisites/planning & vlog presentation	Oct 26th, 2020
Project design architecture & vlog presentation	Nov 6th, 2020
Project observe, analysis, and feedback	Nov 16th, 2020
Project storytelling & live Zoom demo/presentation	Dec 2nd, 2020

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### Overall Project Risks

- Our application relies on employees entering and answering COVID-19 related questions honestly, and being open to share the places that they have been to within the organization.
  - Safely managing employee data through the use of PIPEDA and HIPAA guidelines and encryption of databases.
  - When detailing and mapping places in Regina that have faced exposures, we will have to acquire up to date COVID-19 data.
  - Scope risk: completing all MVPs within a reasonable amount of time in order to complete all project goals/objectives.
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