

## PROJECT SCOPE STATEMENT

Covid BusinessPro Web Application

### Project Deliverables

Login/SignUp and Databases:

- Separate Login and Sign up pages and all the user info and details will be encrypted via MD5 or hash key Protocols. It will also verify a valid user via email.
- We will have Different tables for individual companies and they will have to generate Access codes for the employees and different access codes for the HR Manager.

Log in:

- User must enter a valid business email address following format example: email@email.com
- User must enter a valid password with at least 8 characters, one capital letter and one special character.
- On submit, a successful login will take them to their profile
- An unsuccessful login will cause an error message to appear letting the user know what went wrong.
- The title of the application, as well as a navigation menu that leads to the registration page
- Encrypted via MD5 or hash key Protocols

Registration:

- Option to register account as a Human Resource manager or a regular employee
- Must register name of business
- User must enter a unique username
- User must enter a valid business email address following format example: email@email.com
- User must enter a valid password with at least 8 characters, one capital letter and one special character.
- User must re enter password
- On submit, a successful registration will take them to the login page
- This information will be stored in a database
- An unsuccessful login will cause an error message to appear letting the user know what went wrong.
- The title of the application, as well as a navigation menu that leads to the login page
- User will be redirected to privacy policy which they will have to accept upon registration
- Encrypted via MD5 or hash key Protocols

Questionnaire:

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- A checklist of symptoms of Covid 19 ranging from most common and least common where users can check off the symptoms that most apply to them
  - The ability to list symptoms as mild, moderate or severe
  - A list of departments within the business (entered by HR) where the user will check off which departments they have entered that day
  - The above information will be stored in a database
  - An alert triggered/sent to HR if a user has alert level 1 (3-4 symptoms) or alert level 2 (5 symptoms)
  - The title of the application, as well as an option to log out, and a navigation menu that leads to the main page and user profile page

#### Main Page and data feed

- Main page will reflect the Covid Related Updated news and Video, We will use API to show the exact Covid count in the city.
- Users can update their information from the Main page and update for the Symptoms or any other medical information, and if they are infected they can choose the visited place since the last 14 days.

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#### Map Update:

- Map will be updated every day, and users can visualize the current threats and maximum exposures.

#### HR Alert:

- Our AI will automatically detect if any 5 medical inputs match with covid symptoms and send a mail or alert to the HR Manager and he or she can take immediate actions regarding that instead of waiting for medical tests or more severe systems.

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#### Project Exclusions

Since we are aware of PIPEDA and HIPAA guidelines, We won't be going in depth regarding the safety protocols and following all the government procedures in our app.

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