# CPSC2350 Group 2 Presentation #1

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Overview

- To create a website for travellers by finding the weather of a city and the covid situation of that country

- Aim to help people decide on where they want to travel by looking at the weather in the city they are travelling to and also seeing if the covid situation is relatively safe or not

- Agile SDLC model with mixture of Scrum + Kanban framework

- Use HTML, JavaScript and CSS to make the webiste and to pull data from APIs using JavaScript
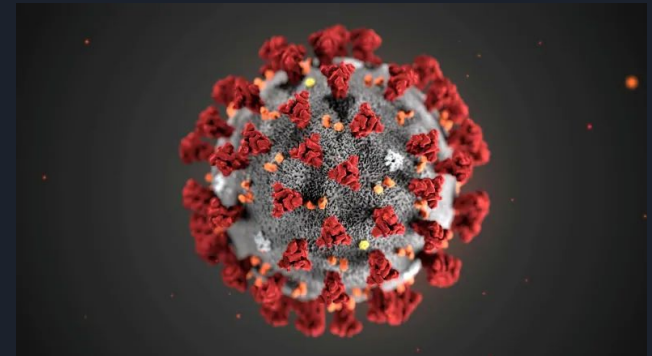
Tech Stack

Consider all aspects of our development process - design → development phase → languages + APIs

To build a website that gives easy glance into the situation of country at the given moment in regards to weather and COVID.

Pull data from a weather API and a COVID-19 API for the selected city → give weather of that city + current covid cases in the country

All team members are familiar with using these technology stacks as learnt from previous Langara's courses

SDLC Model

- Agile (Scrum & Kanban framework)

- Agile is the safest approach to building something tangible given the skills we have. We can keep adding features to our website whilst still having a working product.

- The most leeway in assessing our progress throughout the term and adjusting accordingly - allows week to week changes, decisions, and reviews from the group

- Use a kanban style WBS - more dynamic way of assigning jobs that are better suited for the skill sets

Backlog	story	To do	Doing	Done

API
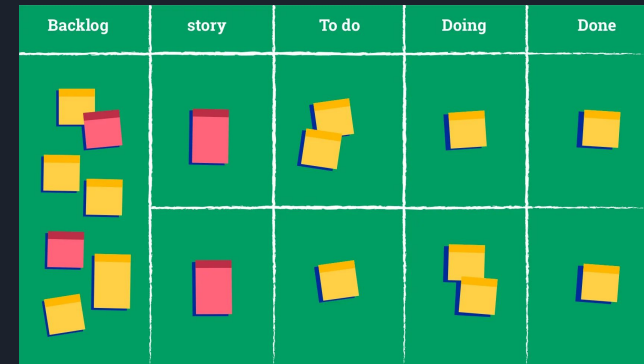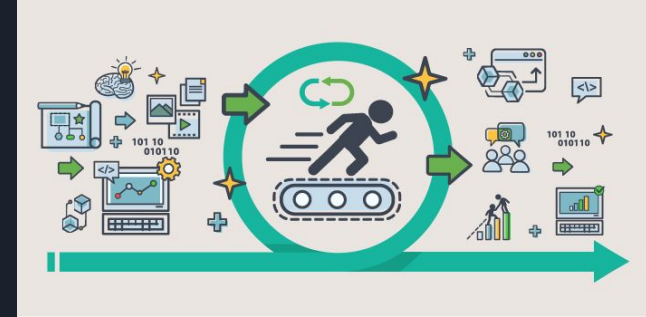
- Weather - https://openweathermap.org/
  - temperature, weather description, sunrise-sunset time
  - includes data for every city in the world

- COVID-19 - https://covid-19.dataflowkit.com/
  - includes the COVID data for all countries in the world
  - includes infections, recoveries, deaths, active cases and other data
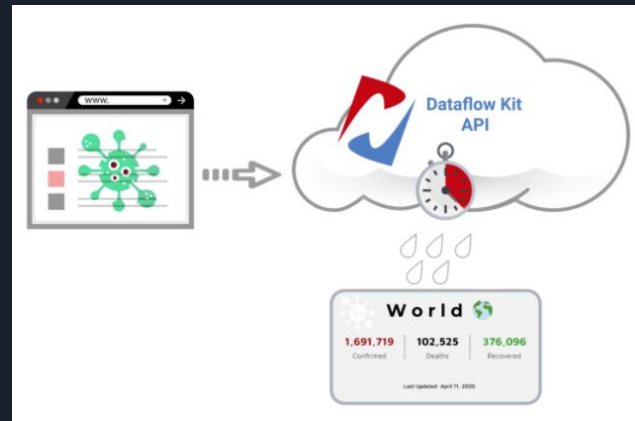
Application Features (High-level Overviews)

- Weather API features:
  - Temperature
  - Sunrise/Sunset time (Duration of Day)
  - Cloud coverage

- COVID-19 API features:
  - Active cases
  - Recovered
  - Deaths

Feb 18, 03:37am

London, GB

☁ 8°C

Amber wind warning +1

Feels like 5°C. Broken clouds. Gentle Breeze

↖ 5.1m/s SSE   ⊘ 999hPa
Humidity: 91%   Dew point: 7°C
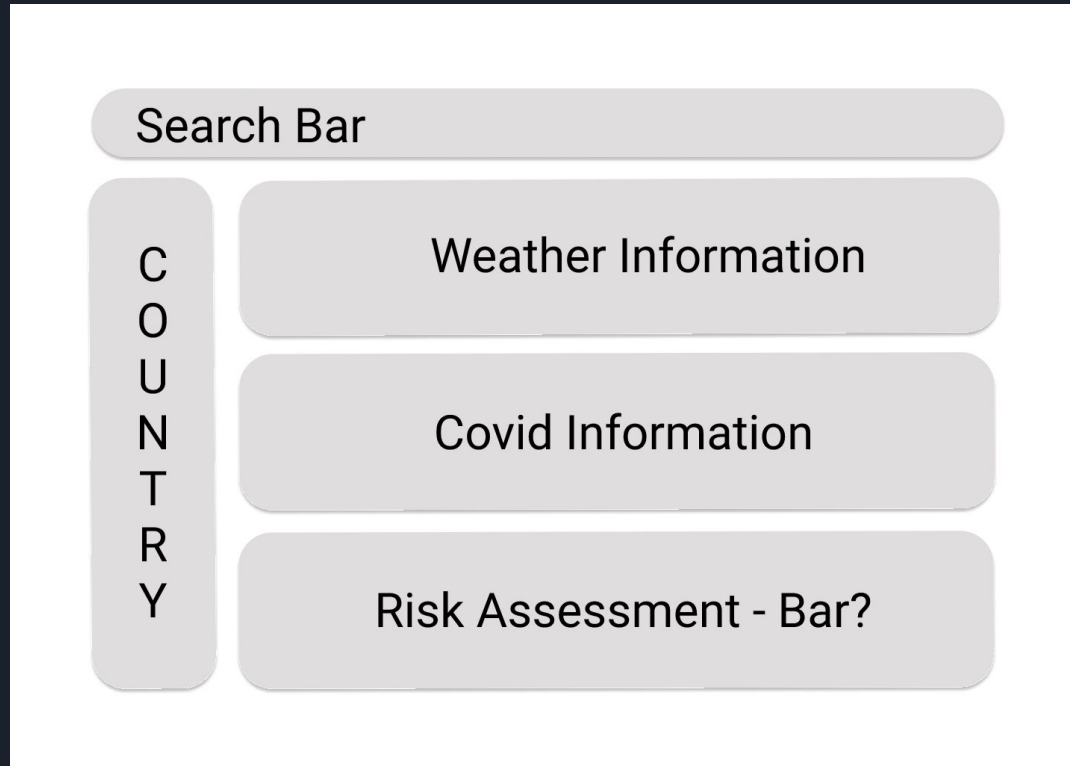Visibility: 7.0km

🍁 Canada

3,210,617 (+6,164)   **35,679** (+99)   **3,040,840**
Confirmed   Deaths   Recovered

Updated: **2022-02-16 01:48**

Powered by DataflowKit web scraper

Wireframe

Search Bar

COUNTRY

Weather Information

Covid Information

Risk Assessment - Bar?

Data Flow Diagram

Q & A