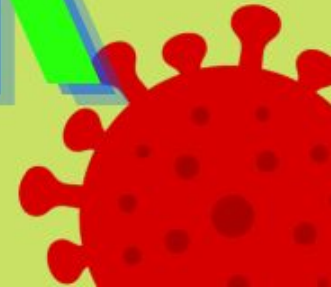# VIRUS TRACKER

Created by: Joseph Hauter, Hnin Lwin, Shreenidhi Ayinala, and Christopher Kim

Inspiration

Recently, the Monkeypox cases has started to spread rapidly, causing alarm and concern. Therefore, we created the Virus Tracker. We wanted to inform users on the increasing cases of the Monkeypox and the ongoing cases of Covid-19.
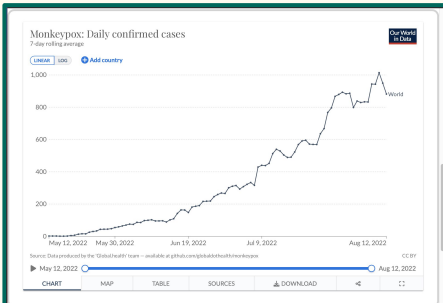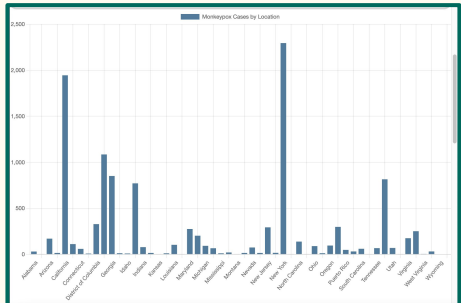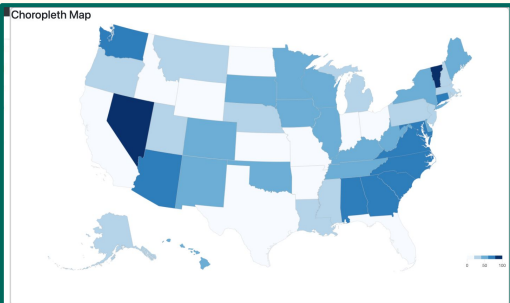
Description

Our Virus Tracker allows users to track and notice the recent monkeypox virus and the ongoing coronavirus.

When the user visits the website, the users will be able to view the choropleth map, data table, and charts, indicating the amount of Monkeypox and Covid-19 cases. In the website, users are able to read and view the recent news on Monkeypox and Covid-19.

Monkeypox

When user first clicks on the Monkeypox button on the website, they are sent to the Monkeypox News section, where they are able to view:

Choropleth Map

What is the Monkeypox?

How to Avoid the Monkeypox

Monkey Pox News

Covid-19

When user first clicks on the Covid-19 button on the website, they are sent to the Covid-19 News section, where they are able to view:

About Page

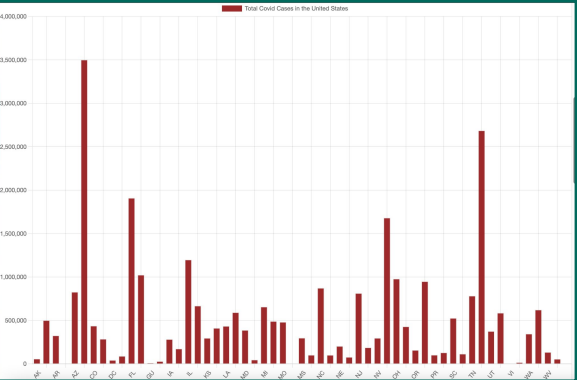When the user clicks on the About button, they are sent to the About Us page, where they will be able to view our team and our work. They will be able to access each team member's linkedin and github accounts. It also showcases what programming we used, like the languages, libraries, and framework.
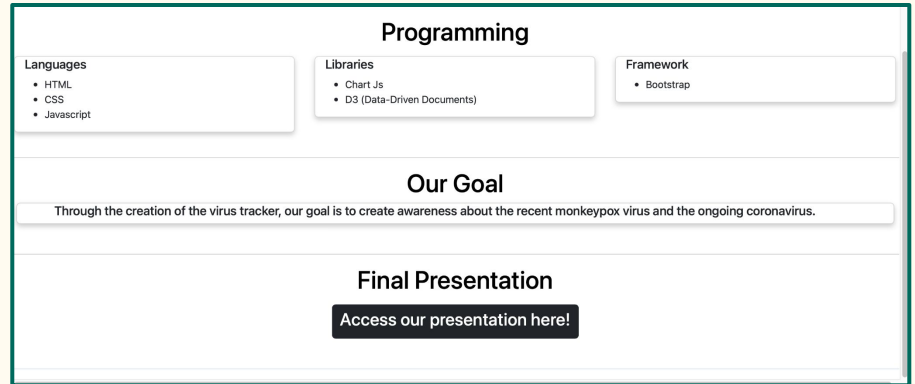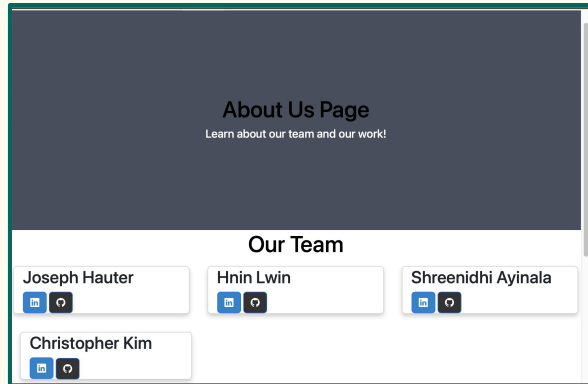
Programming

- For our computer programming languages, we used HTML, CSS, and Javascript
- For the framework, we used Bootstrap.
- For the libraries, we used Chart JS and D3 (Data-Driven Document)

- Monkeypox Data: https://github.com/globaldothealth/monkeypox
- COVID-19 Data: https://covidtracking.com/data/api

Challenges

- Dealing with data.
- Had an issue formatting a ton of json data to get fetched for our graphs so we had some problems connecting outside data with the code that we have
- Making our website interactive and up-to-date

Accomplishments

- Utilize Chart.js to make a bar graph that included the recent monkeypox and covid-19 cases
- Included many interesting Bootstrap Framework
- Grew accustomed to how each team members work and quickly familiarize ourselves with what our strengths and weaknesses are
- Converted CSV and JSON data
- Using embed code to display on site
- Joined our first hackathon
- Completed our project to our satisfaction

Our Goal

Our project's main purpose is to provide users with accurate information and recent updates regarding Monkeypox and Covid-19. Through our website, we hope that users are able to understand the current situation on Monkeypox and Covid-19.

Demo

Thank you!