Track Attack

This project aims to design a web application where users are able to see potential or confirmed COVID 19 patients, report their symptoms and log in their locations they visited. The targeted user base is general population in a city. The target of the users is to slow the spready of coronavirus and also avoid potential covid patients and outbreak hotspots in their cities. The major constraint is going to have people voluntarily log in their symptoms and report their activity. Another technical time consuming task would be setting up the database and linking it with locations so users can see outbreak spots.

The user would be able to see the home page and login their account. This will prompt on a home page that will display a map with hotpots of outbreaks and their personal logged in data. On this page , Users can report their past locations if they have had any coronavirus symptoms or have been tested positive. Yellow markers would be designated as people with coronavirus symptoms while red markers would be designated as people with positive coronavirus test results. The user will also be given recommendation to steer clear of areas that have had large numbers of reportings. For simplicity purposes, we will limit the map to Philadelphia or university city.