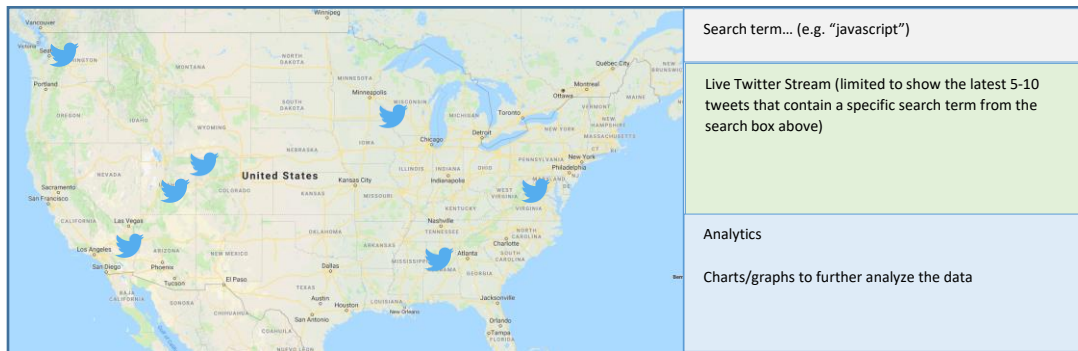


Project summary:

This application is designed to visually track and display locations of Tweets, based on a given search term, in a customized Google Map frame. The location of Tweets will be determined by the location attribute received from the Twitter API for any given Tweet. Additionally, the application will show a live stream of tweets and real time analytics of the data – such as grouping by country, continent, etc.

**List of dependencies:**

Server	Client
Express	Redux
Socket.io	Socket.io
twitter-stream-api	react-google-maps
Firebase	Bootstrap 4
NodeJS	react-chartjs

List of tasks:

- Build folder structure for both server and client
- Create general layout and flex boxes for the content
- Create API keys and tokens for Google Maps and Twitter APIs
- Customize the Google map layout and define custom location pointers
- Define Redux data store and make it available across components
- Implement websocket connections
- Build component to handle real time analytics of the data
- Test the application

Plan for the next 3 weeks:

Week 1	Week 2	Week 3
Build basic layout of the app	Implement twitter stream logic	Test
Obtain API keys and tokens	Build analytics section	Deploy to firebase
Apply basic bootstrap design		
Implement websockets		
Incorporate Google Maps		