

Project 3/4: Finally Not Battleship
Nolan Blankenau, Dawson Frick, Aaron Gearhart, Harry Heeb, Nick North

Meeting 1: 10/25/2019

Location: Spahr Classroom

Attendance: Everyone

- Brainstorming
 - CodePen for Algorithms
 - React JS
 - Firebase - Sign in/authentication
 - User can test the algorithms
 - User can submit in one language, and we convert to other languages
 - User can have documentation on how they wrote the algo and thought process
 - Embedded Editor [CodeSandbox](#)

Meeting 2: 10/28/2019

Location: Table in LEEP2

Attendance: Everyone

- Brainstorming
 - Instagram/Twitter likes/retweets predictor
 - Take into account followers
 - Key words
 - Time of day
 - Impressions and engagements
 - Stock Trade Predictor
 - Google Trends - Google Trends
 - Find the overall sentiment (IBM) - Harry
 - UI (React) - Aaron
 - Get news articles - Nick
 - Setup APIs - Nolan
 - Express JS

Meeting 3: 10/30/2019

Location: Spahr Classroom

Attendance: Everyone

- Project was approved!
- Can work with dummy data for the prototype

Things that we need to do for projects 3-4:

Aaron

- Create dropdown menu of stocks so the user can select stocks they want to review
- Create a nicely designed UI that is easy to read
- Create logo for the app
- Present information from API calls in a nicely designed format
- Work on necessary diagrams for documentation

Dawson

- Retrieve trending data about companies using the google trends api
- Determine if a company is or is not trending
- Display graphs and other visuals for the trending data
- Compare trending data to evaluate which companies are performing better

Nolan

- Set up ExpressJS API to be called from React App
- Add Dev Mode to get dummy data from API for testing and presentation
- Handle POSTs and GETs called from React App

Nick

- Find best API with the least amount of limitations for retrieving URLs/Article titles
- Use News API to handle dummy data for prototype
- Handle API calls for collecting recent trending data for a company selected by a user

Harry

- Create a Natural Language processor specific to analyzing company information
- Collect information like sentiment and keywords
- Organize and condense information into return variable array
- Create parameters for URL and company name for the call of the algorithm
- Test different URLs to find the best version for our purpose

Meeting 4: 11/4/2019

Location: LEEP2 2324

Attendance: Everyone

- What do we want to do for next week?
 - Aaron - second screen for nicer presentation of data/information

Meeting 5: 11/13/2019

Location: Spahr Classroom

Attendance: Everyone

- Discussed meeting on Saturday and Thanksgiving

Meeting 6: 11/16/2019

Location: Spahr 2324

Attendance: Everyone except Nick

- Talked about what we are going to finish today
 - Aaron - getting the multi page app working, and filling the drop down menu with all stocks on the market
 - Used this site for search bar
 - <https://dev.to/sage911/how-to-write-a-search-component-with-suggestions-in-react-d20>
 - Used an API called IEX Cloud for stock info

Meeting 7: 11/25/2019

Location Spahr 2324

Attendance: Everyone

- What are we doing over break??
 - Aaron
 - User Manual
 - Create logo
 - Finish web app design/CSS
 - Nick
 - Fixing UML diagrams
 - Product Backlog
 - Gantt Chart
 - Dawson
 - Deployment and maintenance plan
 - Nolan
 - Bug List
 - Test Suite
 - Connect React app to API
 - HTML file JavaDoc thing
 - Harry
 - Deployment and maintenance plan