

**Date of the meeting:** Sep 28th, 2022

**Note taker:** Zixiao Ren

**Review:**

We came up with two ideas for the project: Stock Analysis Tool and Youtube Analysis Tool

**Update previous commitments:**

The GitHub repo has been created by Qiming.

<https://github.com/Austin618/CSC302-Assignments/tree/updateREADME>

**Discussions we had today:**

**(Note that Ziyue dropped the course. We need to make new decisions for the idea of the project)**

- Stock Analysis Tool
  - Pros: look at Meeting Note1
  - Cons
    - None of the team members is familiar with stocks, it might take us lots of time to learn how to analyze stock data.
    - None of the team members is familiar with machine learning
- Youtube Analysis Tool
  - Pros
    - We have proved that all the data that we are going to need for analysis could be get from YouTube APIs
    - Zixiao has experience using Twitter APIs to get information, which is similar to how we get data from YouTube APIs.
  - Cons: look at Meeting Note 1

**Decisions we made today:**

- Choose Youtube Analysis Tool as our project (reasons: look at the Pros listed above)
- Tech stack
  - Frontend: React
  - Backend: NodeJs
  - Database: Mongodb (source of data is Youtube API)
  - CI/CD: Github Actions+Mocha/Heroku

**Decisions we made today:**

- Start working on the documentation
- Set up the tech stack