

MINUTES FOR 8TH TEAM MEETING [8/2022]

1. MEETING DETAILS

Chairperson: Ratthapark Arnantayakan
Secretary: Lei Huang

Date: 30 March 2022
Time: 3:00 – 5:00 PM
Location: Zoom

2. ATTENDEES.

The following persons were present:

Ratthapark Arnantayakan	(Gavin)	a1829241
Lei Huang	(Mario)	a1820323
Tamarakuro Joseph Aduwari	(Joseph)	a1814359
Junlin Wang	(Grayson)	a1761503

3. ABSENCES.

The following persons were absent:

-None-

4. SUMMARY OF PREVIOUS MEETING

We summarized some feedback from an advisor consult, and that feedback covered each part of the presentation. We also did some adjustments including the following things: add one table of stock content and introduce the stock screener. Each team member will record their own presentation part, and we will combine it together. We also had some simulated presentation sessions before the official record.

5. GROUP MILESTONE

5.1 Overview

First, we prepared some documents for the Q&A session from the project pitch presentation, which includes most of the questions that may be asked by the audience. Then, we viewed and checked the additional requirements from the client, discussed how to apply those things to our existing structure and applications. Lastly, we reviewed all the finance API parameters, and we considered the possibility of those finance APIs on this project. We also wrote a list of questions for the next client meeting.

5.2 Presentation

None

6. INDIVIDUAL MILESTONE

Ratthapark Arnantayakan (Gavin) a1829241

Presented some issues happened related to current database technique problems. Did some finance API tests on existing progress.

Lei Huang (Mario) a1820323

Helping Grayson test finance APIs on the stock calculation and compare different parameters to make to API choice.

Tamarakuro Joseph Aduwari (Joseph) a1814359

Did some tests on the finance APIs, found some errors related to the stock data time. Team members try to fix the time range of stock results.

Junlin Wang (Grayson) a1761503

Provided some new finance APIs may help to build the database structure and checked the realizability of those APIs on this project.

7. PROJECT MANAGEMENT

Team decided to have a meeting before the client meeting (5:00 PM on 31/ March) to talking about pre-meeting issues.

8. REQUIREMENTS ELICITATION

8.1 Database structure

Team discussed about the plan to store data that is best for scalability and agreed to apply the idea of getting required indicators directly API and store in the database and update them daily.

8.2 Backend Application

Team analyzed the new set of client's requirements and found that a large amount of technical indicators are required. Thus, team explored different API options that provides such information. Yahoo Finance and AlphaAdvantage were two options that team was considering using.

8.3 Screening functions

Team planned to develop calculation functions of technical indicators and import fundamental data of stocks that pass technical criteria from the API.

8.5 User Interface

Team decided to export the output in the form of Excel file as a temporary user interface.

9. ADJOURNMENT

- The meeting ended at 5:00pm.
- The next meeting is a client meeting and will be held via Zoom at 5:00pm on Thursday 31 March 2022.