

MINUTES FOR 18th TEAM MEETING [5/2022]

1. MEETING DETAILS

Secretary: Joseph Aduwari

Date: 1 May 2022

Time: 12:00 – 2:00 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

- The team decided to add historical relative strength to allow for back testing of the screening functionality.
- The team decided to use MongoDB to store fundamental data which would require complex relations using PostgreSQL.
- Agreed to work on milestone 1 report during the next meeting.

5. GROUP MILESTONE

5.1 Overview

- The team concluded on an efficient approach to calculating and storing relative strength of stocks.
- The fundamental data was presented, and most required fields can be sourced from a combination of calls from different apis.
- The use of Mongo dB was reviewed and found to be suitable for our use case although the data structure could be improved.
- Logic error in relative strength calculation was rectified.
- Milestone 1 report was drafted by team members

5.2 Presentation

Updated relative strength calculation with better accuracy. Fundamental data fetching and compilation from different apis

6. INDIVIDUAL MILESTONE

Ratthapark Arnantayakan (Gavin) a1829241

Presented a more accurate calculation of relative strength by using specific dates instead of estimated day count.

Lei Huang (Mario) a1820323

Discussed issues regarding the difficulty of fetching institutional holdings data from apis.

Tamarakuro Joseph Aduwari (Joseph) a1814359

Discussed updated approach of coordinating index price population and stock price population.

Junlin Wang (Grayson) a1761503

Demonstrated fundamental data fetching from various apis and aggregation into a datastructure for storage in a MongoDB database.

7. PROJECT MANAGEMENT

- Milestone 1 draft ready for review.
- Assigned task deadlines were extended till the next meeting.

8. REQUIREMENTS ELICITATION

- No changes -

9. ADJOURNMENT

- The meeting ended at 2:00pm.
- The next meeting is a team meeting and will be held via Zoom at 3:00pm on Wednesday 4 May 2022.