

MINUTES FOR 4th CLIENT MEETING [5/2022]

1. MEETING DETAILS

Secretary: Junlin Wang

Date: 5 May 2022

Time: 6:20 PM – 7:30 PM

Location: Zoom

2. ATTENDEES.

The following persons were present:

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

3. ABSENCES.

The following persons were absent:

4. SUMMARY OF PREVIOUS MEETING

The previous meeting focused on fixing code errors and how to make code run efficiently. We presented the fundamental data progress on MongoDB. Team members also discussed the new method of relative string and the improvements compared with the previous. Lastly, team talked about the content and questions for the coming client meeting.

5. GROUP MILESTONE

5.1 Overview

The project database has collected the stock information of each exchange and completed the query filter including the calculation of relative strength and relative rating. The team also created a remote MongoDB to store fundamental data and already collected 70% of required fundamental data.

5.2 Presentation

Gavin (Ratthapark Arnantayakan) showed the rewrite structure of our database also with relative strength(RS) including how to fetch dates, get compound value, allocate the weight, calculate relative strength and relative ratings.

Joseph (Tamarakuro Joseph Aduwari) explained rank mechanism about RS in local database using DOW as the test sample. He also explained about update strategy of our remote database.

Junlin Wang (Grayson) showed MongoDB and how it stored data. He also explained several calculation issues about acceleration info and daily update strategy for fundamental data.

6. INDIVIDUAL MILESTONE

Rathapark Arnantayakan (Gavin) a1829241

Redesigned the calculation of relative strength(RS) and relative rating(RR) of stocks in several indexes and fetching the historical dates.

Tamarakuro Joseph Aduwari (Joseph) a1814359

Implemented the daily stock price update function, handle the database update and solve issues.

Junlin Wang (Grayson) a1761503

Created and imported fundamental data to MongoDB, implemented functions for basic operations for the database and the daily update strategy.

Lei Huang (Mario) a182032

Checked several APIs for collecting the information of fundamental data.

7. PROJECT MANAGEMENT

The next work of the group should focus restructuring stock price database as required, implement more detailed update strategy for database and find the rest fundamental data.

8. Q & A

8.1 When calculating the acceleration, if the growth of the previous quarter is 0, division will not work. Can I set it to 0.01(Grayson)

Ans: It is an approach which needs further research, show me 3 cases.

8.2 What is the volume up/down days? (Grayson)

Ans: Volume up/down days means in a period. Compared with the previous day, the total number of days which has an increase/decrease on volume.

8.3 About rank for RS info, should we calculated for each day? (Joseph)

Ans: Yes, we need rank for 4 indexes for every day.

8.4 About update strategy (Gavin)

Ans: Team need to implement the daily/weekly update strategy for database.

9. ADJOURNMENT

- The meeting ended at 7:30pm.
- The next meeting is a team meeting and will be held via Zoom at 12:00am on Sunday 8th May 2022.