**CS673 Software Engineering**

**Team 3 : StockPickers**

**Meeting Minutes:**

**Meeting 6 - 1 hour**

**Date and Time:** Sat 5/28/2022 - 3rd week

**Place**: Zoom call

<https://bostonu.zoom.us/j/96528253043?pwd=Vy9uRGdtQ2NRVkcvWXZrYzhPaXVFZz09>

Meeting ID: 965 2825 3043

Passcode: 563476

**Participants:** Jing Tian, Serguei Chervachidze, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Jing

**Timekeeper:** Everyone

**Purpose:** Sprint 1 work review and progress updates

**Agenda:**

1. Confirm roles
2. Check individual work with all documentations
3. Update individual work with iteration submission
4. Update any individual work progress

* Any issue or improvement

1. Questions

**Discussion:**

1. Confirm roles

Jing will check with professor to see if there’s any requirement

1. Check individual work with all documentations

SDD: Team will read it by Sunday 2pm, and give suggestions if any.

STD: Finished draft, Sylvie will share a video later to demonstrate integration test

Risk Management: Scores and status are updated, categories are kept the same

SPPP: Updated.

1. Update individual work with iteration submission

Iteration 1 submission:

**1.** **Readme.md (updated)**

Finished by Sylvie, feel free to review

**2.** **Doc/CS673\_presentation1\_teamX**

Will be done by Mon. and review by the rest of the team

- Duy + Jing: presentation + demo

- send presentation record link

**3.** **Doc/CS673\_SPPP\_teamX (updated)**

Done

- adjust SPPP sections according to stories? (section3) – Sylvie did

- Sylvie modified section 1 - 3

- Update your own section if needed – Duy and Jing did

**4.** **Doc/CS673\_SPPP\_RiskManagment\_teamX(updated)**

Done

- any category changes? Need for SPPP section – Jing will be in charge of that part in SPPP from now on.

5. **Doc/CS673\_SDD\_teamX (new**)

* Team review by Sunday

**6.** **Doc/CS673\_STD\_teamX (new)**

Done

**7.** **Doc/CS673\_progressreport\_teamX(updated)**

Everybody finished their part.

**8.** **Doc/CS673\_meetingminutes\_teamX(updated)**

Done

**9.** **Code/… : runnable source code**

Done. Already merged all to main branch

1. Update any individual work progress

* Api link problem: we can use different key for api. (git ignore file can help us set up own keys without influence others)
* Sylvie will write another PR to update unit test code
* PR approver merges the PR

1. Questions

* One or two features need to be done in the next two weeks.

**Actions:**

Jing - email ask role

Duy + Jing - review SDD & presentation & link in the SPPP

Sylvie - progress report

- submit and release

Future actions:

- update unit test

- post a video

**Meeting 5 - 50 min**

**Date and Time:** Tue 5/24/2022 - 3rd week

**Place**: Zoom call

<https://bostonu.zoom.us/j/96528253043?pwd=Vy9uRGdtQ2NRVkcvWXZrYzhPaXVFZz09>

Meeting ID: 965 2825 3043

Passcode: 563476

**Participants:** Jing Tian, Serguei Chervachidze, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Sylvie Xiang

**Timekeeper:** Everyone

**Purpose:** Sprint 1 planning part 2 and progress updates

**Agenda:**

1) Meeting minute person

2) Check on progress

* Stories (“display multi-plots”); which ones are required or optional;
* Chores

3) Confirm work allocation before Sat. Meeting

Iteration 1 submission:

1. Readme.md (updated)

Done

1. Doc/CS673\_presentation1\_teamX

should be done by Mon. and review by team?

* presentation record link

1. Doc/CS673\_SPPP\_teamX (updated)

should be done by Sat meeting to review

* adjust SPPP sections according to stories? (section3)

1. Doc/CS673\_SPPP\_RiskManagment\_teamX(updated)

should be done by Sat meeting

* any category changes? Need for SPPP section

1. Doc/CS673\_SDD\_teamX (new)

should be done by Sat meeting – Serguei?

1. Doc/CS673\_STD\_teamX (new)

should be done by Sat meeting

* Check now and assign section

1. Doc/CS673\_progressreport\_teamX(updated)

Should be done by Mon

1. Doc/CS673\_meetingminutes\_teamX(updated)

Done by Sat AFTER meeting

1. Code/… : runnable source code

Done by Sat. meeting

4) Learning objects reflects if there’s any

5) Questions

**Discussions:**

1) Check on progress

- Stories (“display multi-plots”) - set

- Update the ones are required or optional – everyone

- Chores – add any if you think you or the team should do – everyone

2) Confirm work allocation before Sat. Meeting

Iteration 1 submission:

**1.** **Readme.md (updated)**

Finished by Sylvie, feel free to review

**2.** **Doc/CS673\_presentation1\_teamX**

Will be done by Mon. and review by the rest of the team

- Duy + Jing: presentation + demo

- send presentation record link

**3.** **Doc/CS673\_SPPP\_teamX (updated)**

Will be done by Sat meeting to review

- adjust SPPP sections according to stories? (section3) – Sylvie will

- Sylvie will take over section 1 - 3

- Update your own section if needed – Everyone

**4.** **Doc/CS673\_SPPP\_RiskManagment\_teamX(updated)**

Will be done by Sat meeting

- any category changes? Need for SPPP section – Jing will be in charge of that part in SPPP from now on.

5. **Doc/CS673\_SDD\_teamX (new**)

Draft will be done by Sat meeting for team to review – Serguei

**6.** **Doc/CS673\_STD\_teamX (new)**

Will be done by Sat meeting

* Check now and assign section:

- Duy do 1st and 2nd section

- Jing do 2nd section too

- Sylvie do 3rd section

- Duy do 4th section

**7.** **Doc/CS673\_progressreport\_teamX(updated)**

Should be done by Mon — Sylvie and everyone fill out their page

**8.** **Doc/CS673\_meetingminutes\_teamX(updated)**

Done by Sat AFTER meeting – To be assigned

**9.** **Code/… : runnable source code**

Done by Sat. meeting – Sylvie merge all to main branch

4) Learning objects reflects if there’s any

5) Questions

GitHub submission and Release — Sylvie

Blackboard — Duy

Next meeting: after Sat class

**Action:**

Please refer to discussion part 2)2 - 2)5

**Meeting 4 - 1 hour**

**Date and Time:** Sunday 5/22/2022 - 2nd week

**Place**: Zoom call

<https://bostonu.zoom.us/j/97520534999?pwd=NER0NDZhdklBYy9VVldVdFRFTDRIUT09>

**Participants:** Jing Tian, Serguei Chervachidze, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Sylvie Xiang

**Timekeeper:** Everyone

**Purpose:** Code Demo

**Agenda:**

Go over front and back end code for the application

**Actions:**

Put running directions in backend readme file

**Meeting 3 - 1 hour and 30 min**

**Date and Time:** Tue 5/17/2022 - 2nd week

**Place**: Zoom call

<https://bostonu.zoom.us/j/96528253043?pwd=Vy9uRGdtQ2NRVkcvWXZrYzhPaXVFZz09>

Meeting ID: 965 2825 3043

Passcode: 563476

**Participants:** Jing Tian, Serguei Chervachidze, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Sylvie Xiang

**Timekeeper:** Everyone

**Purpose:** Sprint 1 planning part 1

**Agenda:**

1) Reassign team roles

2) Feature user stories assignment

· Forecast

· Plot multiple stocks

· Download multiple stocks

· Save as favorite

· Log in page

· Get data for unlimited multiple set of stocks

· Printing

·

3) Work allocation before next meeting

4) Learning objects for this week

5) Questions/Anything

**Discussions:**

**1) Reassign team roles**

Jing - configuration leader

**2)**   **Feature user stories assignment**

· Forecast - Serguei

· Plot multiple stocks - Serguei

· Download multiple stocks - Jing

· Save as favorite - Jing

· Log in page - Sylvie

· Get data for unlimited multiple set of stocks - Sylvie

· Print - Duy

· choose multiple forecasting algorithms - Duy

Chore:

* add deployment
* Create any chore and/or put your names on the ones you are doing or want to do

**3) Work allocation before next meeting - Sunday before class 7pm**

* Change the current stories on PivotalTracker to chores - serguei
* Do documents:

1. SDD draft: Serguei
2. STD draft: next week; write about manual testing (or selenium - let sylvie check if it is feasible for our project), focus on back end testing
3. SPPP: same sections as last iteration
4. RiskManagement: Jing
5. Meeting\_minute: sylvie
6. Progress\_report: sylvie with everyone finishing their named sheet
7. Runnable code: ask on Sunday
8. Readme: remove igor - sylvie
9. Presentation: Duy and Jing to prepare

**4) Learning objects for this week**

Django, unit test, (sylvie- maybe selenium), sprint, fb prophet (watchout download requirement)

**5) Questions/Anything**

Sprint planning meeting at the beginning of each iteration

Demo sprint, demo stories on PivotalTracker

Email about new role

**Action Items:**

For required actions, please refer to “discussion” section part 2 and part 3 above.

For learning actions, please refer to part 4 above.

**Meeting 2 (1.5 hrs)**

**Date and Time:** Sunday 5/15/2022

**Place**: Zoom call

<https://bostonu.zoom.us/j/97734073406?pwd=cVRjRGVaMTRTRGJhd3drMHBNL0U0QT09>

Meeting ID: 977 3407 3406

Passcode: 269065

**Participants:** Jing Tian, Serguei Chervachidze, Igor, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Duy Nguyen

**Timekeeper:** Everyone

**Purpose:** Progress update for Iteration\_0 and preparation for iteration\_1

**Agenda:**

1) Check progress on each member’s work for iteration 0 and ask questions if there are any

2) Design Framework

3) Confirm review and submission deadlines

4) Submission person

5) User stories, convert into tasks/features before iteration1 planning meeting

6) Questions

**Discussions:**

**1) Check progress on each member’s work for iteration 0 and ask questions if there is any**

* Overview is fine.
* Features - add in favorite stock for the optional section.
* Serguei started stories on Pivotal trackers.
* Let's start creating stories for updating documents, anything that we work on.
* Sylvie to switch stock favorite in her SPPP section
* Make suggested changes on google docs

**2) Design Framework**

* Django
* Serguei will set up a code review session and overview with Django.

**3) Confirm review and submission deadlines**

* Presentation will be completed by Sylvie on 5/16
* Everyone needs to check submission files by noon/1pm on 5/16.
* Igor needs to complete progress report
* Check presentation by 5/16 evening

**4) Submission person**

* Sylvie will be submitting

**5) User stories, convert into tasks/features before iteration\_1 planning meeting**

**6) Questions**

* Do we want to make a sprint meeting Tuesday after class? Yes
* Start at 9:30-9:45 PM for a sprint meeting. (make sure everyone to start looking at PivotalTracker)
* Demo of downloading Django/Anaconda

**7) Actions:**

| ***Action*** | ***Owner*** | ***Due Date*** |
| --- | --- | --- |
| Add self-introduction in “team.md” | Serguei, Igor | 5/16 1PM |
| Complete presentation by | Sylvie | 5/16 |
| Review submission documents | Everyone | 1PM 5/16 |
| Check and review completed presentation | Everyone | Afternoon 5/16 |
| Complete Progress Report | Igor | EOD 5/15 |
| Implement suggested changes | Anyone with suggested changes | EOD 5/15 |
| Remove reference to favorite stock as a main feature | Sylvie | EOD 5/15 |
| Set up overview session for codes and Django | Serguei | 5/21 |

**Meeting 1 – 1 hour and 40 min**

**Date and Time:** Friday 5/13/2022

**Place**: Zoom call

<https://zoom.us/j/93914512896?pwd=ejBIcytRNzNZSkdhK1NBN0tZclljdz09>

Meeting ID: 939 1451 2896

Passcode: 84uvJn

**Participants:** Jing Tian, Serguei Chervachidze, Igor, Sylvie Xiang, Duy Nguyen

**Minutes taker:** Sylvie Xiang

**Timekeeper:** Everyone

**Purpose:** Project Kickoff Meeting

**Agenda:**

1) Introductions- each team member gives a brief introduction on background.

2) Identify project topic

· Start from scratch – what do we want to create

· Work from existed – code review to see how tested and maintainable the code is and are there any known bugs (required time to fix), in order to continue development

· IDE

3) Work allocation

· Project proposal (SPPP) sections

· Should maybe finish Risk sheet together

· Progress report complete by team leader (with all teammates filling out the “studentname” sheet)

· presentation

· meeting minutes sheet

4) Merge code method

· Which branch to use (i.e. everyone has own branch, merge branches into development, then merge development into main once a week)

· Pull request approval (how many people or do we want it, who)

5) Questions (team name/logo, PivotalTracker or not, communication)

6) Set up next meeting(or work review deadline) & set next week’s meeting

**Discussions:**

1) Introductions- each team member gives a brief introduction on background.

2) Identify project topic:

· Serguei prebuild stock getter and add in forecasting with Facebook Prophet. Currently the application uses javascript, can plot price and download data.

· Adding price forecast, save forecast data and plots (locally)

· Optional features: login page, different colors of plots, deployment

· IDE: VS code or anything else that people are more comfortable with

3) Work allocation for each document:

· Project proposal (SPPP) sections, as shown in the document

· Finished Risk sheet together and Jing will finalize this document

· Progress report will be completed by Sylvie (with all teammates filling out the “studentname” sheet)

· presentation will be done by Sylvie

· meeting minutes sheet will be done by Sylvie

4) Merge code method

· Have a branch for each feature. When you develop something, you should create a branch, create pull requests, and merge.

· 1 pull request approval needed, all team members can approve

5) Created team name

6) Using PivotalTracker as project management tool

7) Set up the next meeting and work review deadline: Sunday after class.

8) set next week’s meeting: 2 meetings after class, and Friday as needed.

9) Questions:

* Are there any known bugs? No
* How well tested is the program? There are no unit tests so far, need.
* How do we calculate unit test coverage? Percentage of lines covered

**Key Decisions:**

* Project topic: US stock prices and forecast application
* Features: add favorite stocks, price forecast, save forecast data and plots (locally)

optional feature: login page, different colors of plots, deployment

* Work allocation for iteration 0
* Merge code method

**Action Items:**

* Everyone to finish “studentname” in progress report, their own designated part in the SPPP, and sign up PivotalTracker. By Sunday.
* Jing to upload Risk Management by Sunday
* Sylvie to upload Meeting Minutes, Progress Report by Sunday, and presentation by Monday.
* Meeting 2 on Sunday after class.
* Serguei to upload code
* Everyone to familiarize the existing code, to learn Django and Python unit test