



Stock Market Trading System (SMTS)

Group 12



Group Roles

For our first sprint, we did not see the need to allocate group roles as the task to complete was relatively small and could be completed by a single member of the group.



Tools and Toolsets



Github

iMxAndyy / SE-Group-12-Stock-Trading

Watch

3

Star

0

Fork

0

Code

Issues0

Pull requests0

Projects0

Wiki

Insights

Group 12's assignment project

4 commits

1 branch

0 releases

2 contributors

Branch: master

New pull request

Create new file

Upload files

Find file

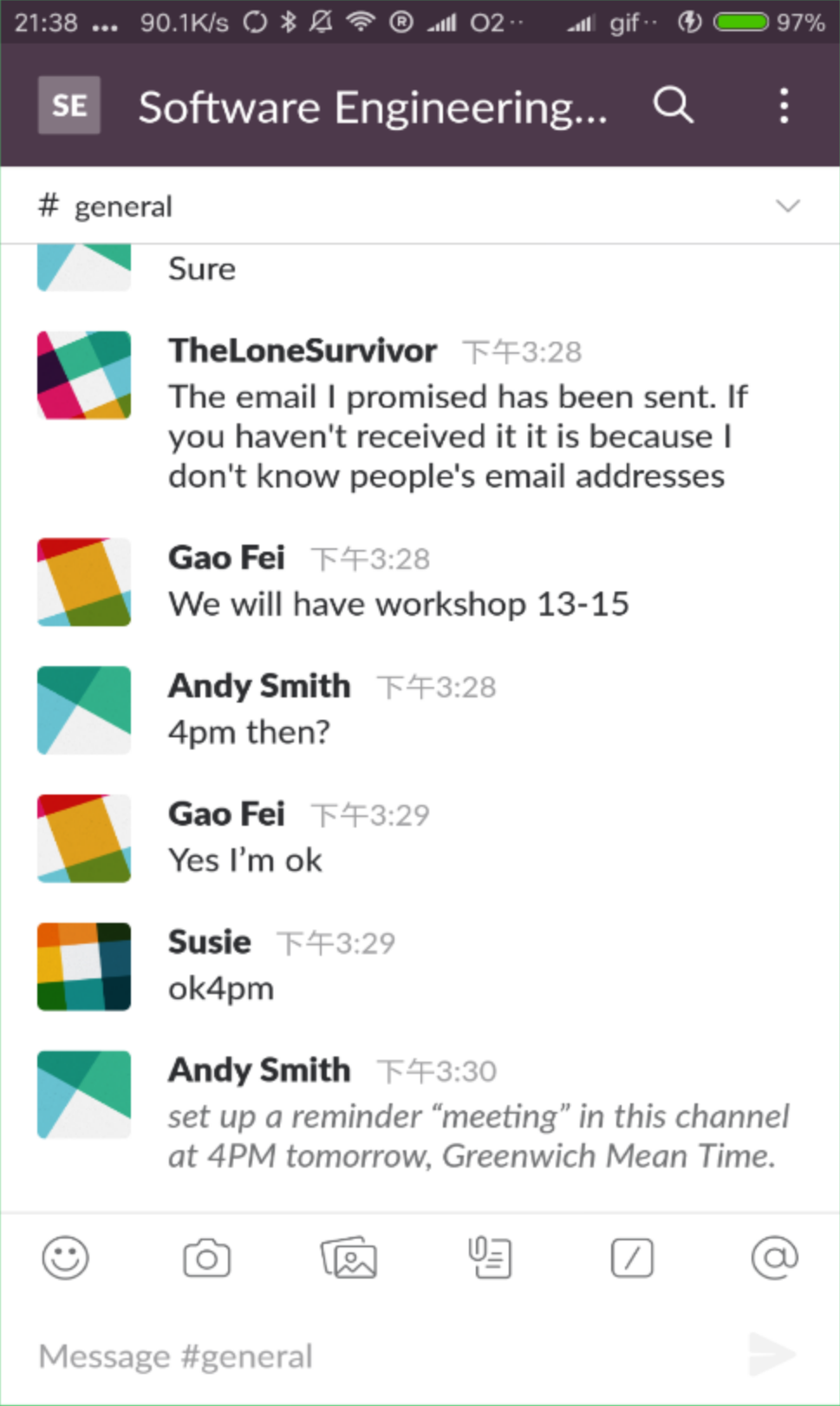
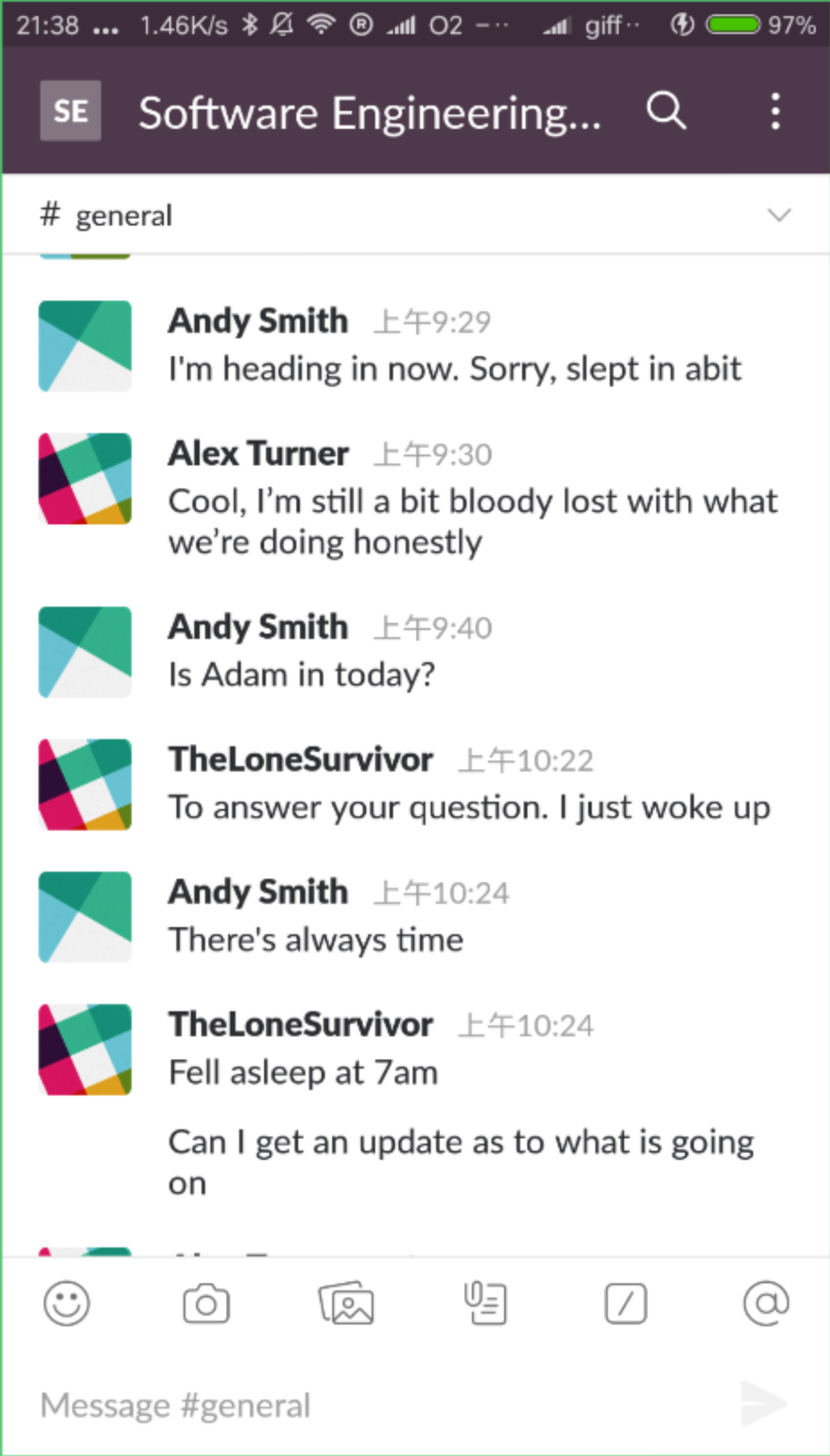
Clone or download

Susie970411 code part of connect to sever

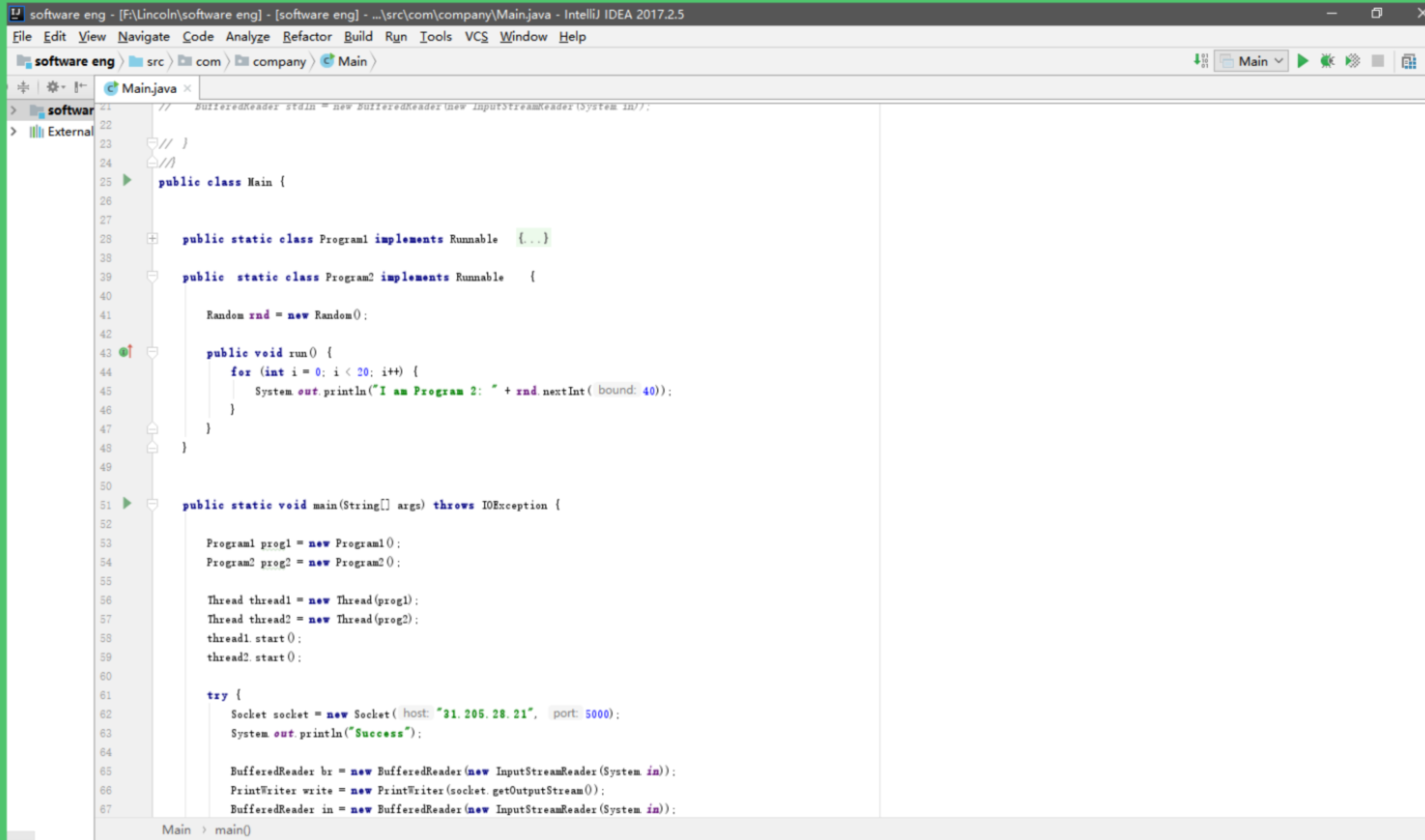
Latest commit 350f13f a day ago

| | | |
|-------------------------------|-------------------------------|-------------|
| .idea | Task 1 | 18 days ago |
| src/com/company | Task 1 | 18 days ago |
| .gitignore | Initial commit | 19 days ago |
| README.md | Initial commit | 19 days ago |
| SE-Group12-project.iml | Black project | 18 days ago |
| SEGroupAssignment1.iml | Task 1 | 18 days ago |
| code part of connect to sever | code part of connect to sever | a day ago |

Slack



intelliJ





Finished work



Zhuojun-Java

```
software eng - [F:\Lincoln\software eng] - [software eng] - ...src\com\company\Main.java - IntelliJ IDEA 2017.2.5
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

software eng > src > com > company > Main >
Main.java x
Main

21 // BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
22
23 // }
24 // }
25 public class Main {
26
27
28     public static class Program1 implements Runnable { ... }
29
30
31     public static class Program2 implements Runnable {
32
33         Random rnd = new Random();
34
35         public void run() {
36             for (int i = 0; i < 20; i++) {
37                 System.out.println("I am Program 2: " + rnd.nextInt( bound: 40));
38             }
39         }
40     }
41
42
43     public static void main(String[] args) throws IOException {
44
45         Program1 prog1 = new Program1();
46         Program2 prog2 = new Program2();
47
48         Thread thread1 = new Thread(prog1);
49         Thread thread2 = new Thread(prog2);
50         thread1.start();
51         thread2.start();
52
53         try {
54             Socket socket = new Socket( host: "31.205.28.21", port: 5000);
55             System.out.println("Success");
56
57             BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
58             PrintWriter write = new PrintWriter(socket.getOutputStream());
59             BufferedReader in = new BufferedReader(new InputStreamReader(System.in));
60
61         }
62     }
63 }
```

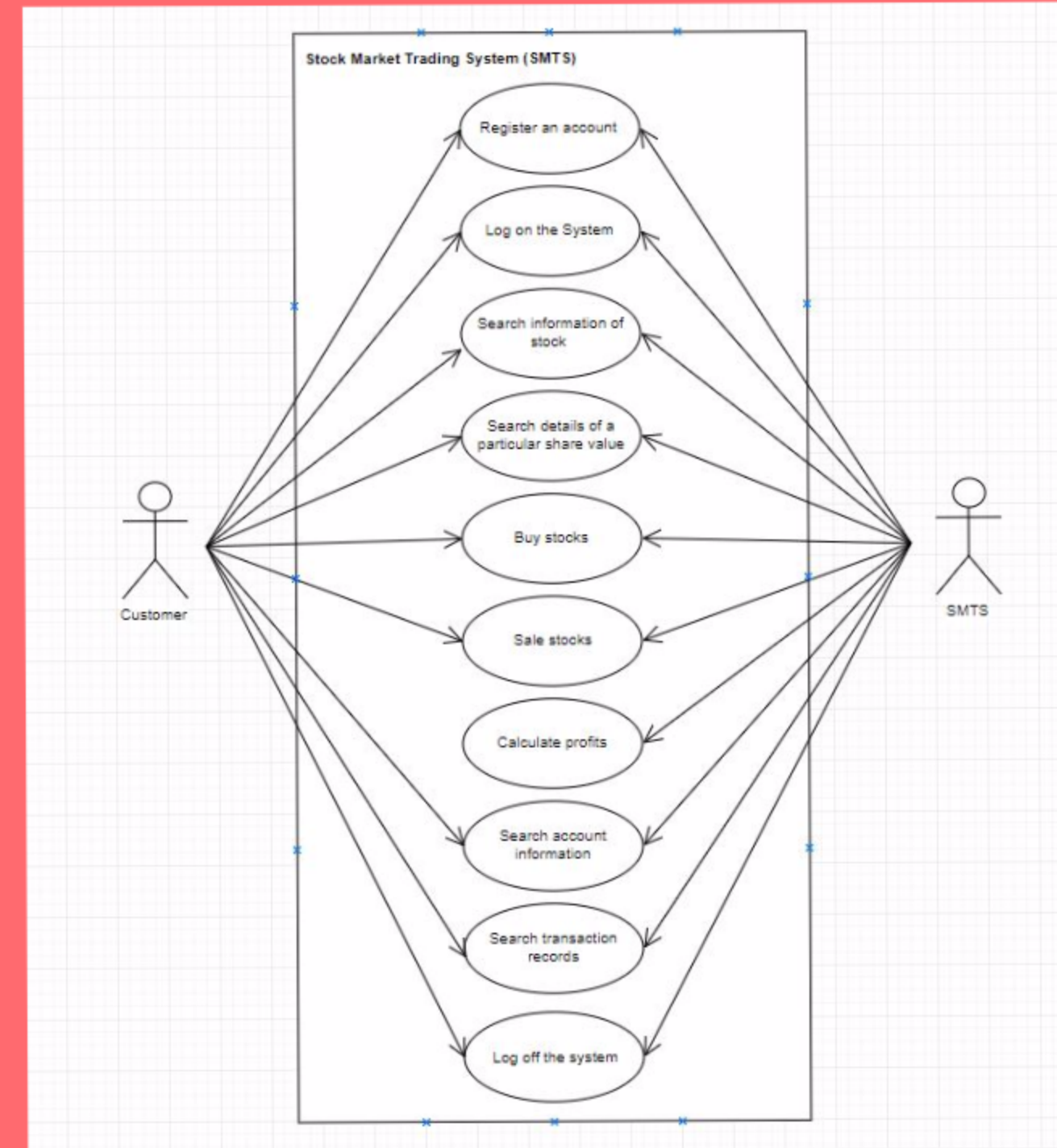
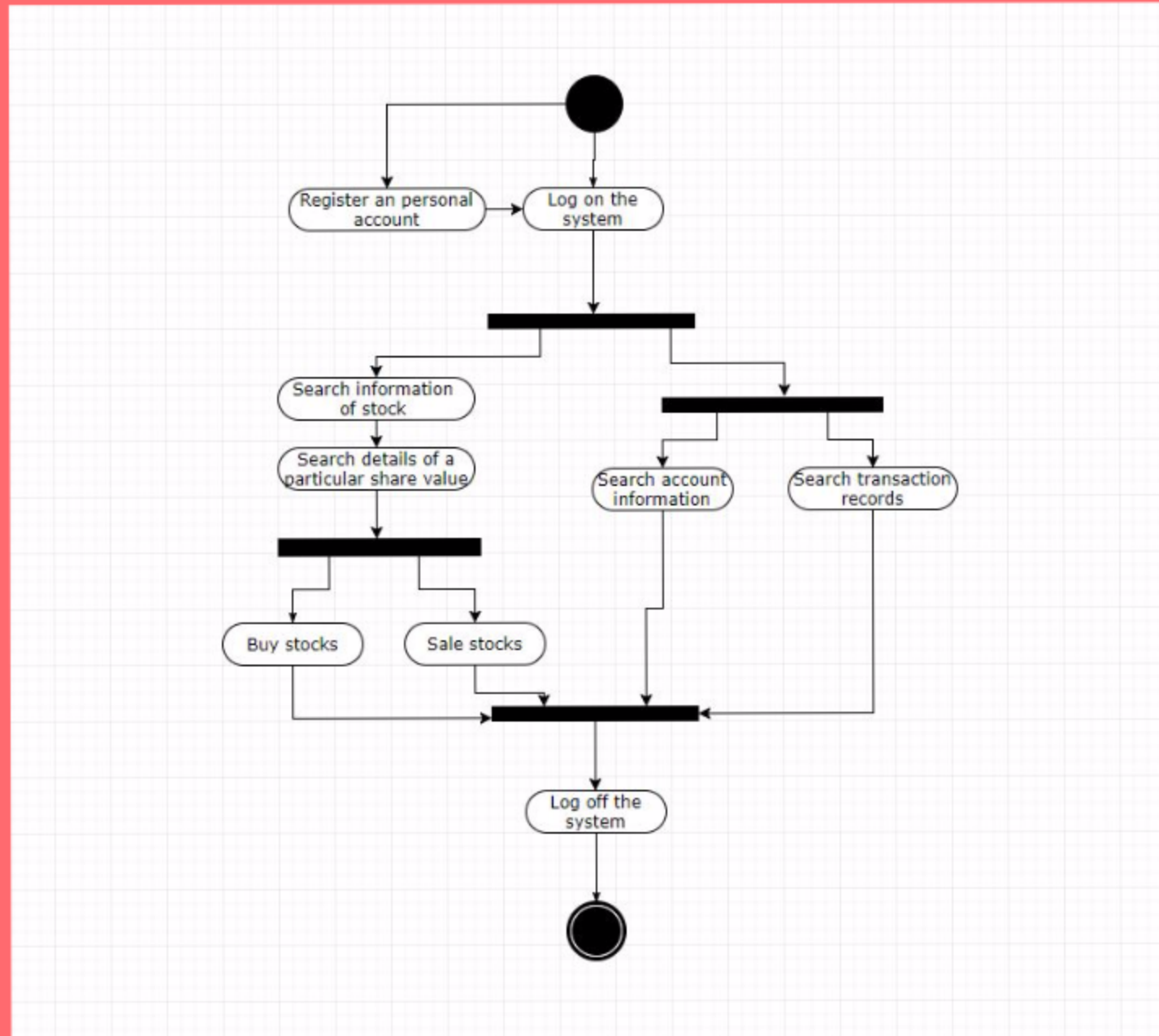

Zhuojun, Fei, Yifan

User stories , Product Backlog, and function requirements

| Backlog | | | | | |
|---|----------------------------|-----|-----|-------------|--|
| ID | Name | Imp | Est | How to demo | Notes |
| 1 | user interface | | | | System must have 'some' form of user interface |
| 2 | server | | | | Address any bugs and patches that are required for the server to ensure it works correctly |
| 3 | connect | | | | System must be able to connect to a stock market system |
| 4 | buy and sell | | | | System must be able to buy and sell available shares |
| 5 | automated | | | | System must have an 'automated' capability. |
| 6 | List command | | | | List current owned shares |
| 7 | Profit command | | | | List profit (all systems start with £10,000) |
| 8 | Manual transaction command | | | | Manually Buy and Sell shares |
| 9 | market shares command | | | | Request current List of stock market shares |
| 10 | Details command | | | | List details of a particular share value. |
| Imp = Importance Est = Expect man-day | | | | | |

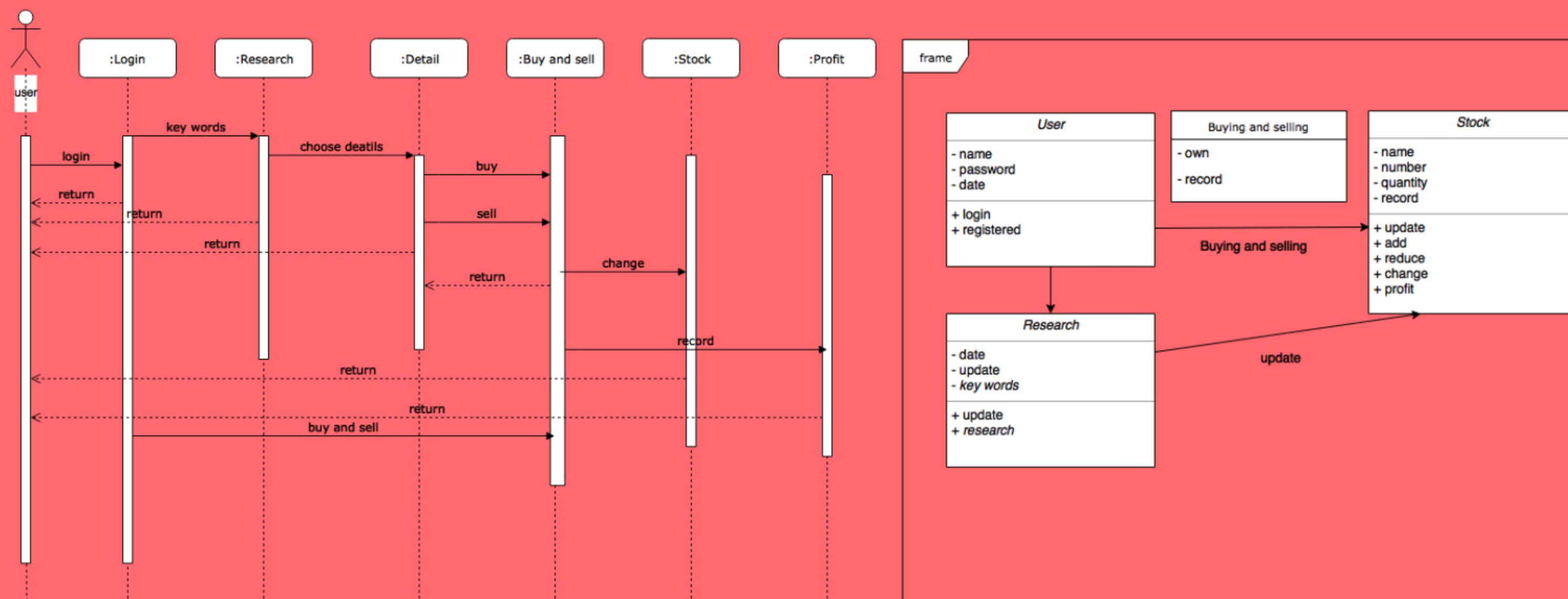
Fei

Use case diagrams, Activity diagrams



Yi fan

Class diagram, Sequence diagram



Work for the Future

- Group Meetings
- Paired Programming
- Planning of Sprints
- Documentation of Code
- More Communication



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