

Campus Exchange

A Second-hand Trading App

CS673 Software Engineering Iteration 1

Team2: Scrumble Bug

Date: Oct 14 2024

Team Building



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QA Leader



Yueyihan Qi
Security Leader



Yingtong Zhou
Team Leader



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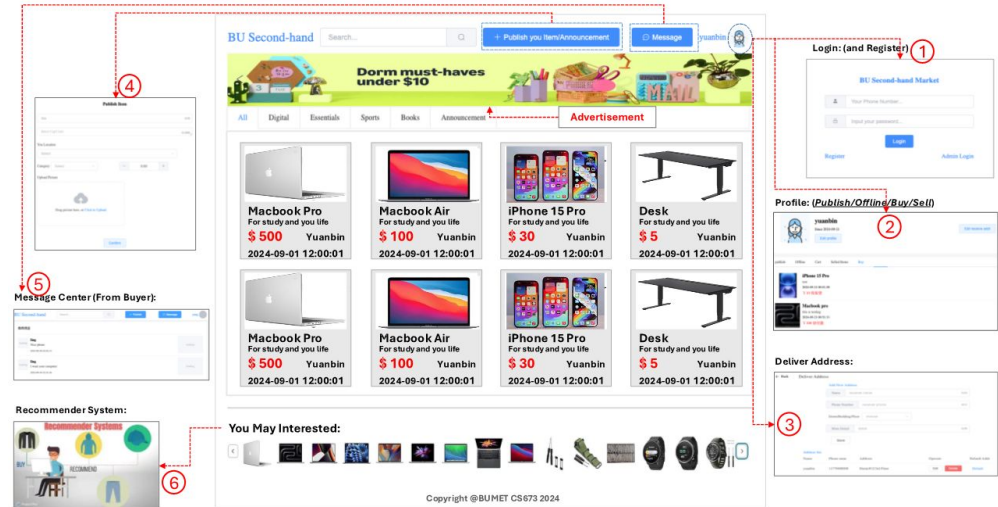
Ang Li
Design and
Implementation Leader



HungHsu Chen
Configuration Leader

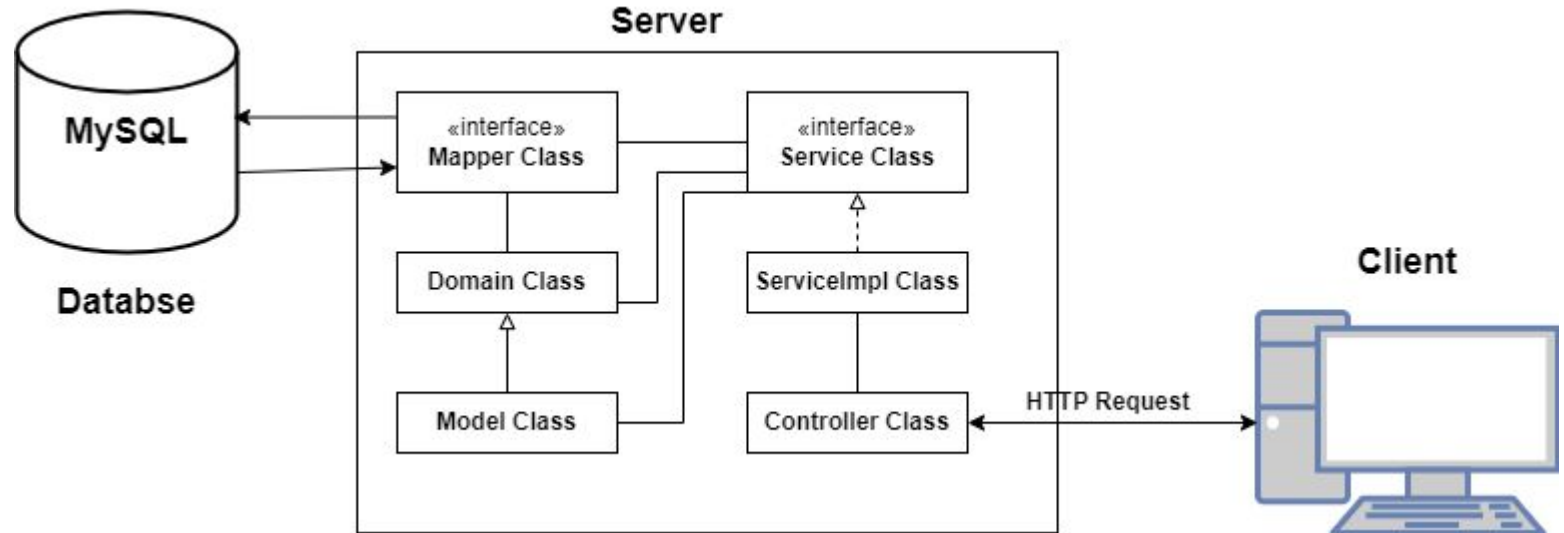
Recap

- Goal: A second hand trading platform for BU students
- User group: BU students, staff, faculties, and alumni. Basically whoever owning the BU email.



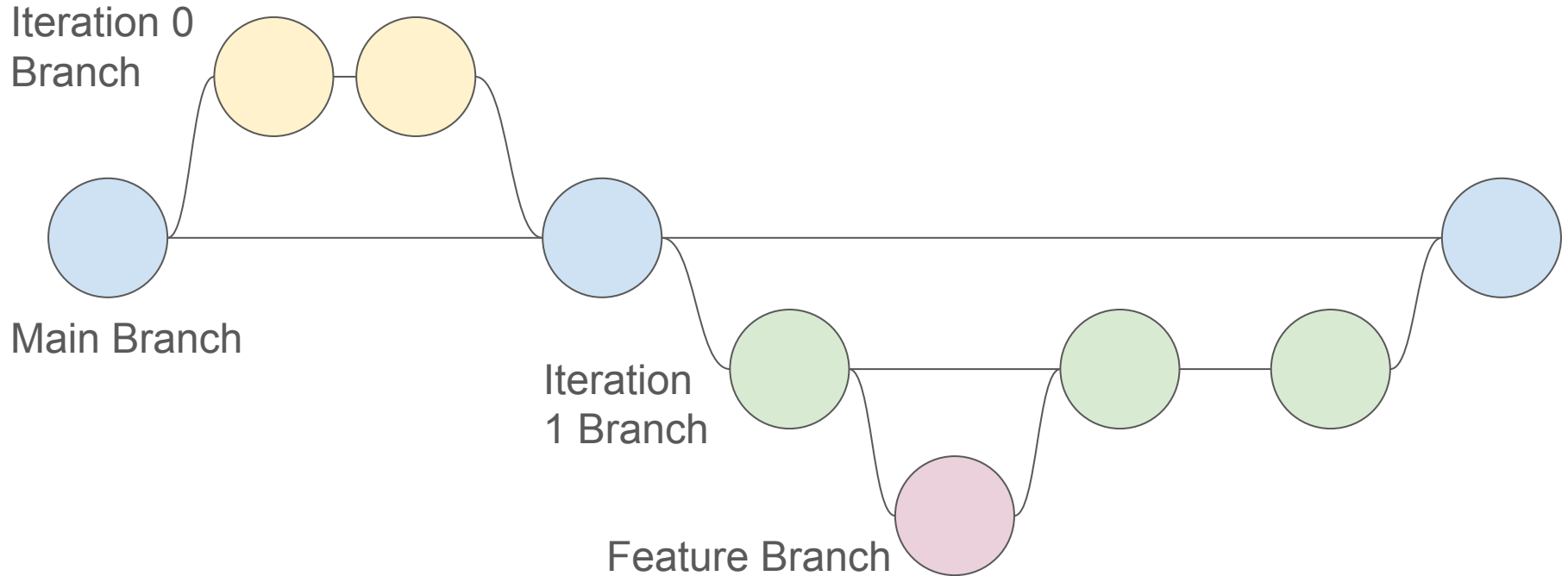
Software Architecture

RESTful API; Separation on Database, Services, and User interface



Configuration works

- Working together on branch iteration 1 as working on different files
- Create branch if needed and merge back to iteration 1 branch



User Stories

Progress

- Main page, item detail page, signup, and login page

Issues

- Issues on Mybatis mapper
- Add and update gitignore for avoiding problems

Projects / Scumble Bug
SCRUM Sprint 1

⚡ ☆ ↗ ↖ Start stand-up **Complete sprint** ⋮

🔍 Search

HC YQ YM S

Epic ▾ Label ▾ Type ▾

GROUP BY None ▾ Insights View settings

ICEBOX

TO DO 2

Leave comment to an item
ITERATION 1 - OCT 17, 2024 buyer
SCRUM-18 8 YM

Updated frontend api and router
ITERATION 1 - OCT 17, 2024 login
SCRUM-107 5 YM

+ Create issue

IN PROGRESS 7

User Password Reset
ITERATION 1 - OCT 17, 2024 login
SCRUM-72 5 YQ

create(publish) an item for sale
ITERATION 1 - OCT 17, 2024 seller
SCRUM-17 8 HC

Create order
ITERATION 1 - OCT 17, 2024
SCRUM-42 3 YM

Send message
ITERATION 1 - OCT 17, 2024 message
SCRUM-34 5 S

DONE 3 ✓

Log in to the system
ITERATION 1 - OCT 17, 2024 login user
SCRUM-16 ✓ 3 YQ

View Item Details
ITERATION 1 - OCT 17, 2024
SCRUM-65 ✓ 5 HC

Search items
SCRUM-101 ✓ 3 HC

RESTful API with Spring boot

- Item
- User
- Order
- Message

[Swagger](#)

item-controller ^	
GET	/item
PUT	/item
POST	/item
DELETE	/item
GET	/item/search
GET	/item/list
GET	/item/label
user-controller ^	
POST	/user/request-reset-password
POST	/user/logout
POST	/user/login
POST	/user/initiate-signup

Plan for iteration 2

- Authentication
- Data encryption
- Deploy on Kubernetes
- User Interface implementation
- Administrator Interface implementation
- Testing for functions implemented in iteration 1