

Mail-Order Pharmacy

Our Responsibilities

Acknowledgement

We did the project(Mail Order Pharmacy) for our MFPE under the continuous guidance of

Trainer:-

We would like to
thank them for the continuous support.

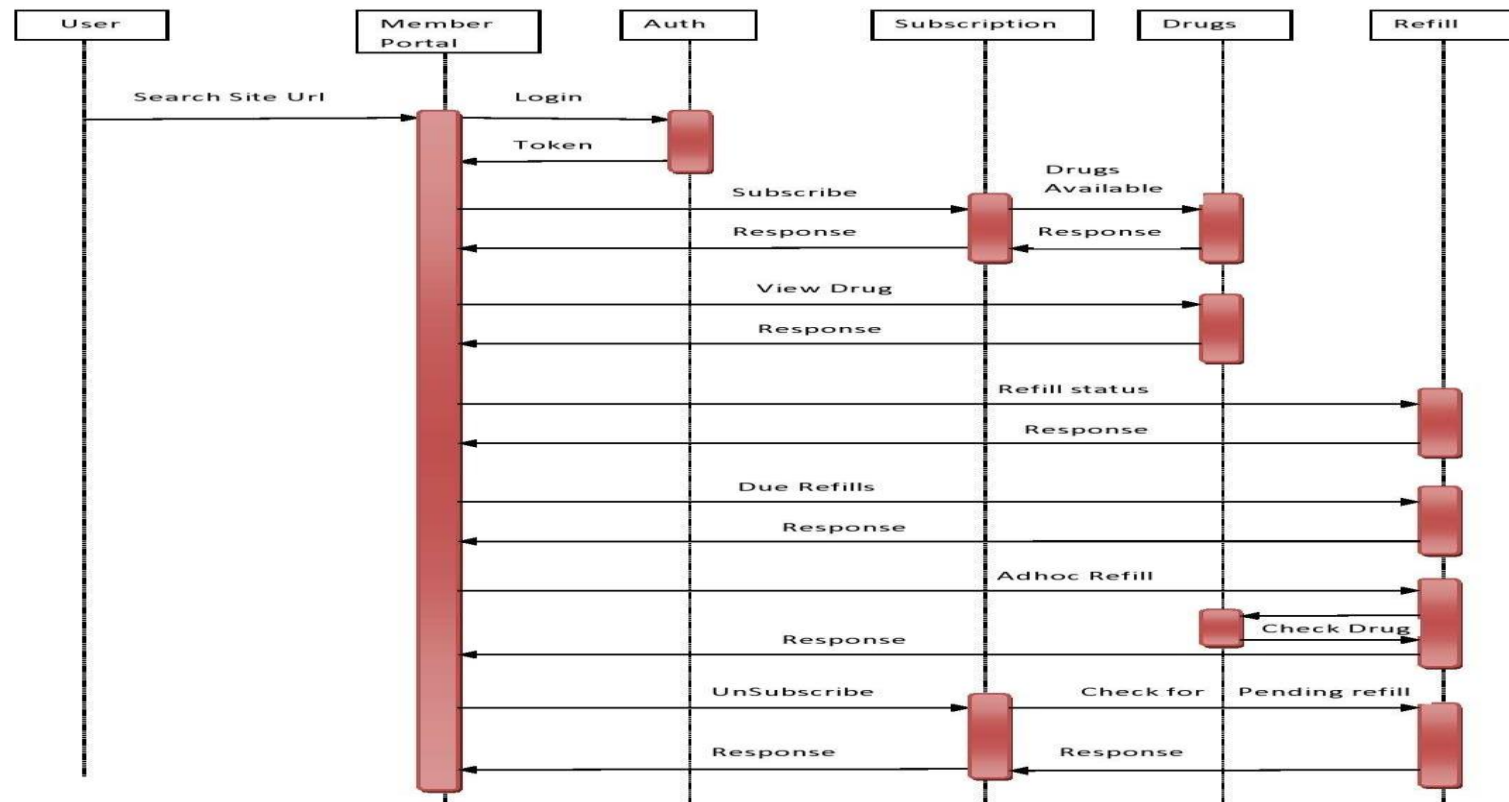
With Regards,

Team members names

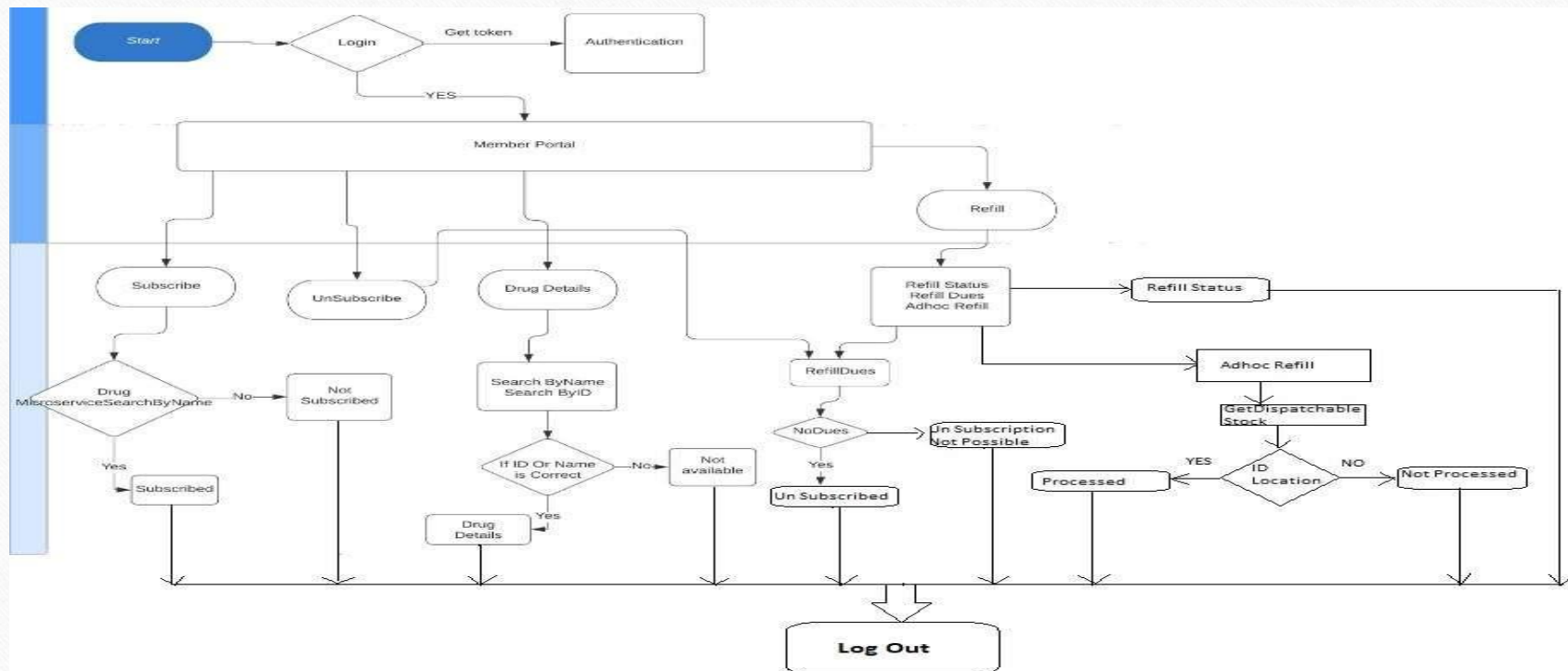
Project overview

- A leading Pharmaceutical Benefits Management (PBM) Organization wants to develop a Mail-Order Pharmacy module using Microservices..
- Mail-order pharmacies operate through your health insurance plan and can be cheaper and more convenient than getting your medications from a local pharmacy. A “mail-order” prescription means that you don’t have to pick up your medication from a pharmacy; instead, it is delivered to your doorstep.
- There will also be a Member Portal to be developed part of this scope that consumes these Microservices. The Portal allows its members to subscribe for drugs refill, also to unsubscribe, etc

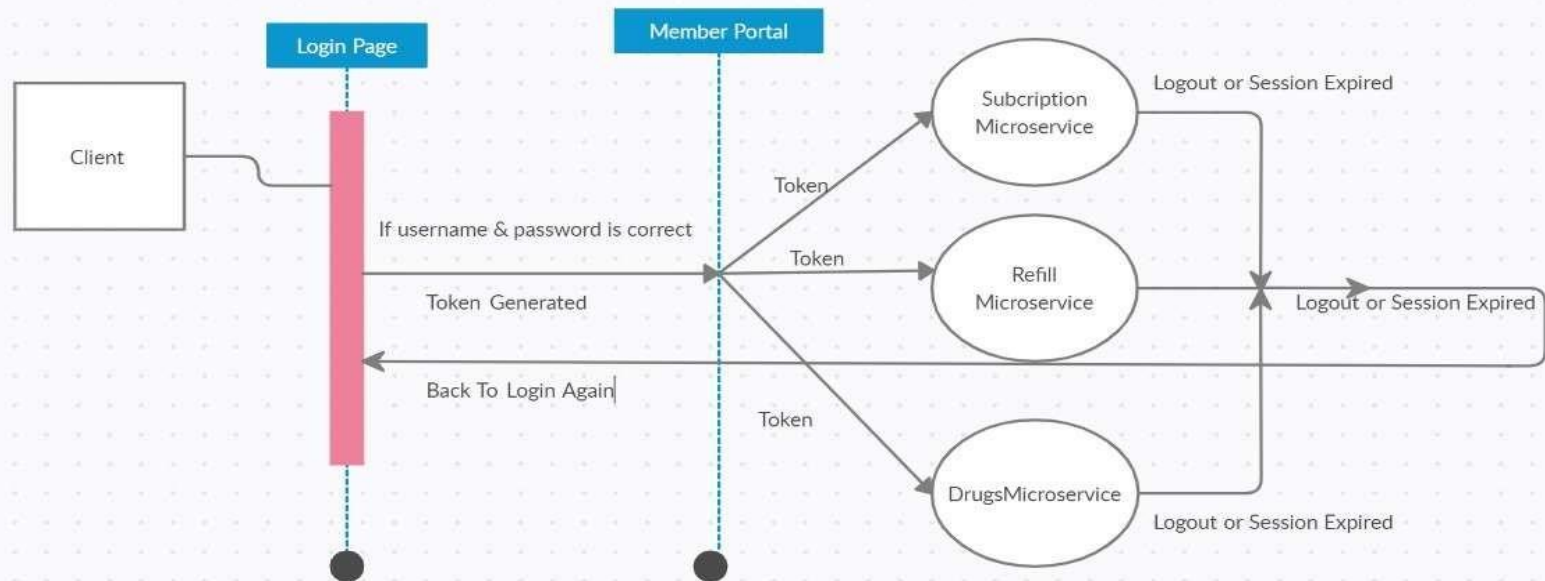
Mail Order Pharmacy (Sequence Diagram)



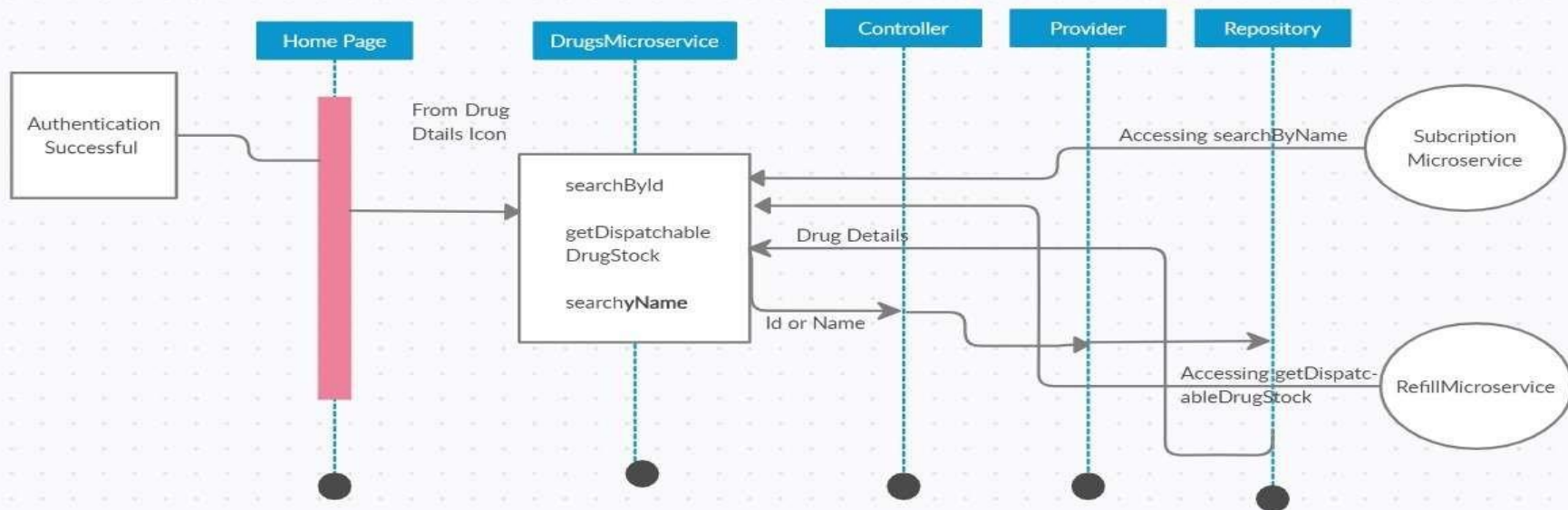
Flow Diagram



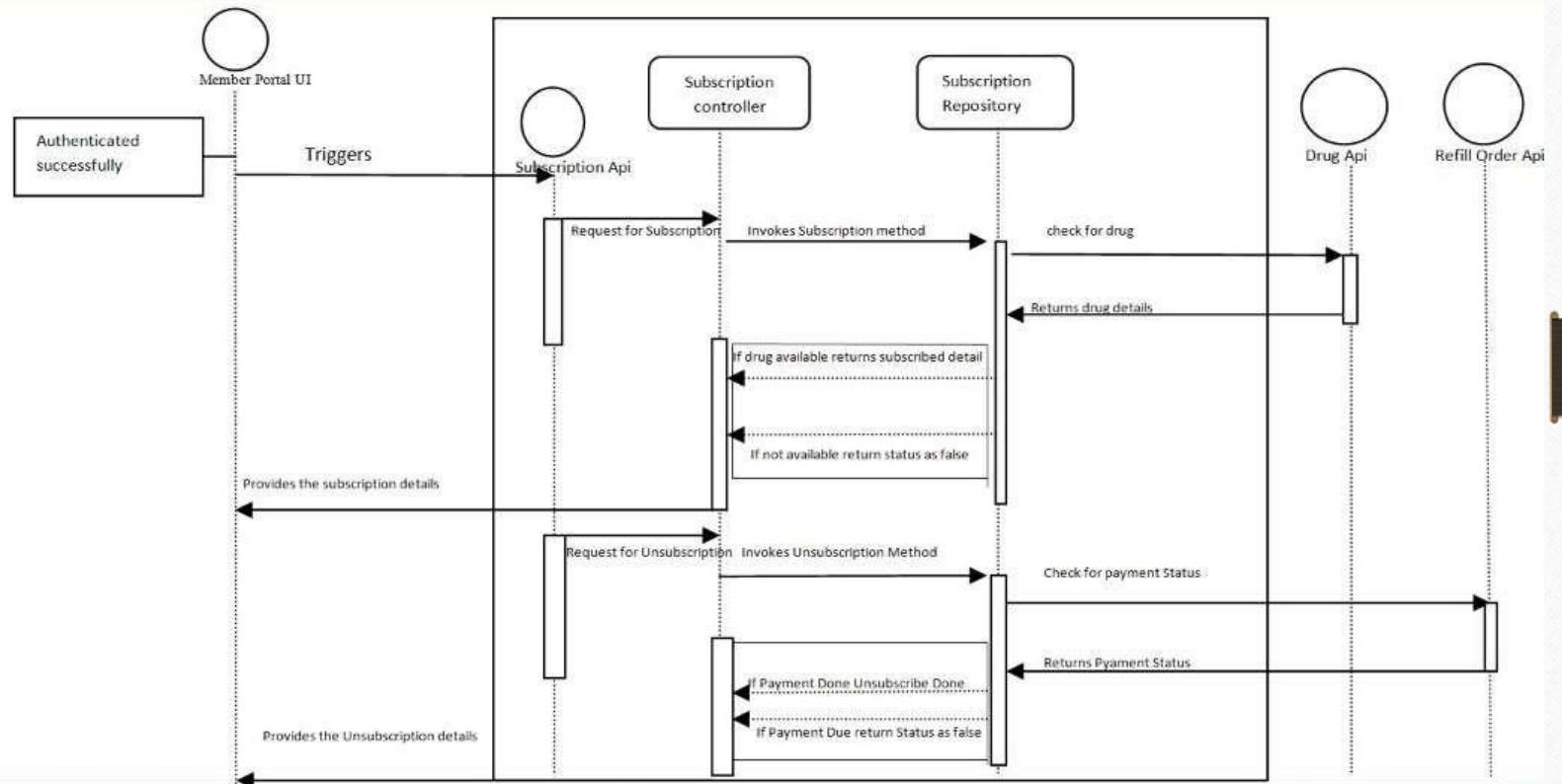
Sequence Diagram Authorization Microservice



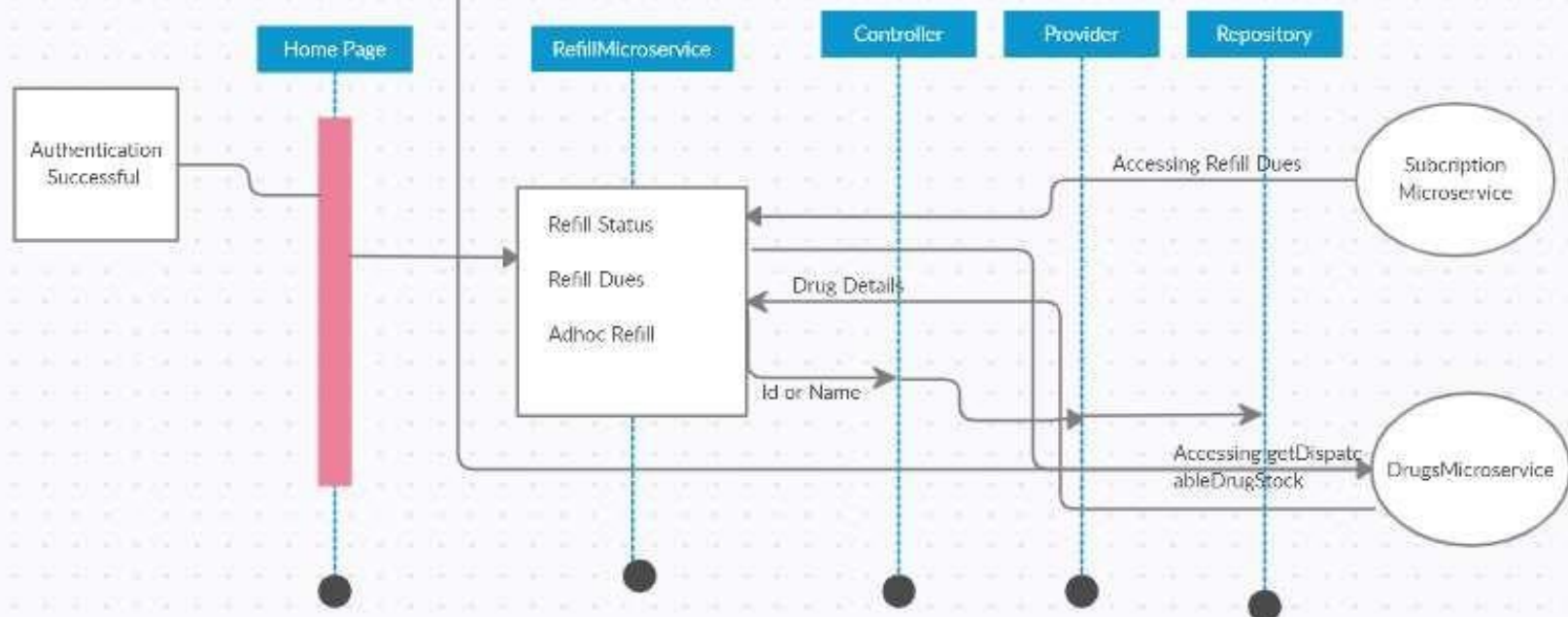
Sequence Diagram Drugs Microservice



Sequence Diagram Subscription Microservice



Sequence Diagram Refill Microservice



Group takeaways

- How to work on a version control system as a team.
- How designing of workflow and sequence diagram makes coding easier.
- How discussion about any problem with teams and seniors gives different working solution.
- How to work in group projects without meeting each other in this pandemic situation.

What could have been done better?

- We could have worked more on UI design for more user friendly and seamless experience.
- If we worked on database instead of in memory repository then we could have implemented the relations between microservices more perfectly.
- If this project was done in office ambience then we could interact more often with seniors and among ourselves then we could have improved our social and technical knowledge more.

Conclusion

- By doing this project we learnt how to study use case document , how to divide works in groups and help each other in their problems.
- It also improved our knowledge of Microservices , Java concepts, coding standards and naming conventions, Spring Boot , MVC core and Junit testing,Mockito.
- We also learn deploy microservices on cloud using AWS and how to edit the CI/CD pipeline.
- We had a great learning experience while doing this project and it will hopefully help us in future.



Thankyou.