

Graduation Project

Class 2, Group 5 Final Presentation
2021.09.15

201935006 고효진
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I . Subject Review

I. Overview

Directed Blood Donation

Be designated by someone
who get blood from donor

I. Elicitation Result

SNS & Community Service for Directed Blood Donation

Objective 1

Recommend the blood donor not even closest person but further human connections.

Objective 2

Sort recommendation with using various features.

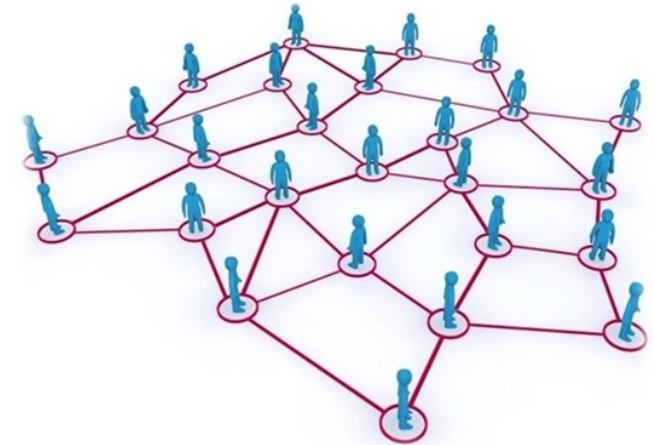
Objective 3

UI and UX design for massive user and collecting data for ML.

I. Human Network

Human Network

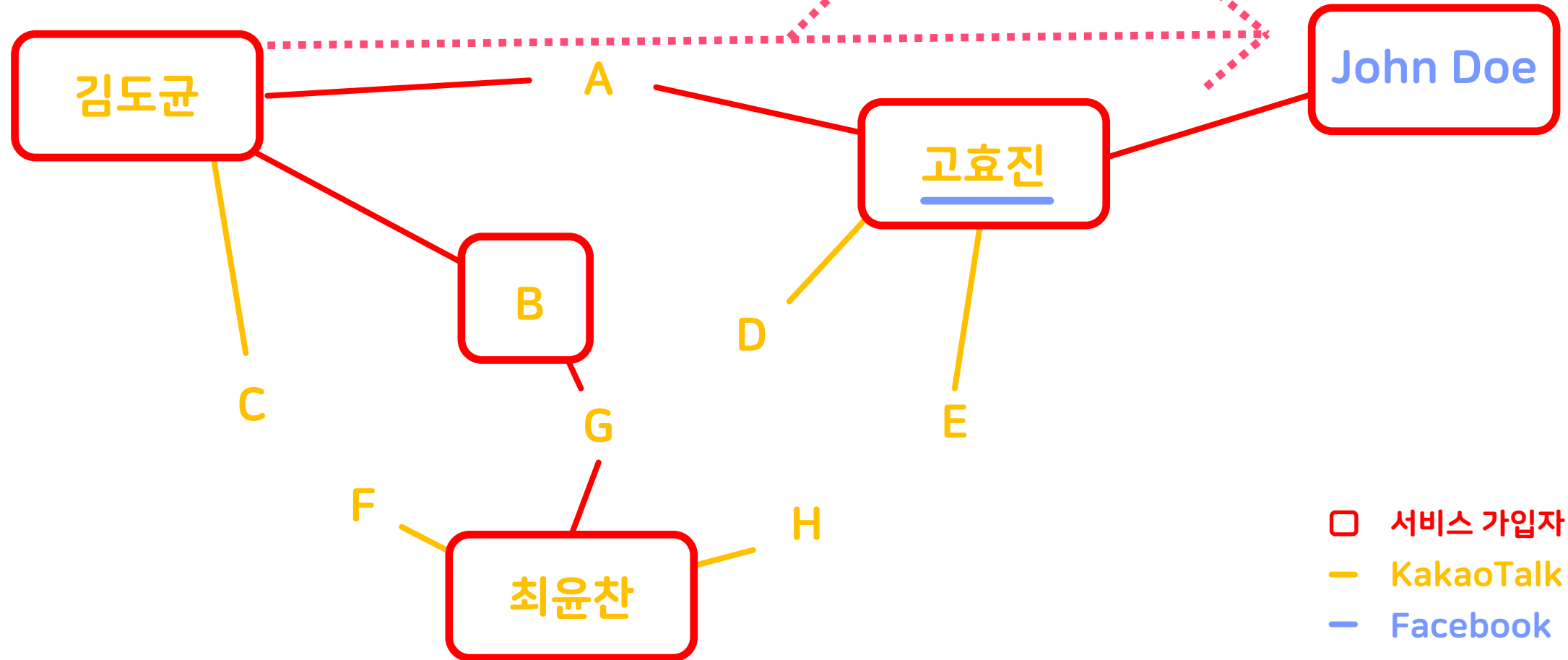
: Recommend the blood donor not even closest person but further human connections.



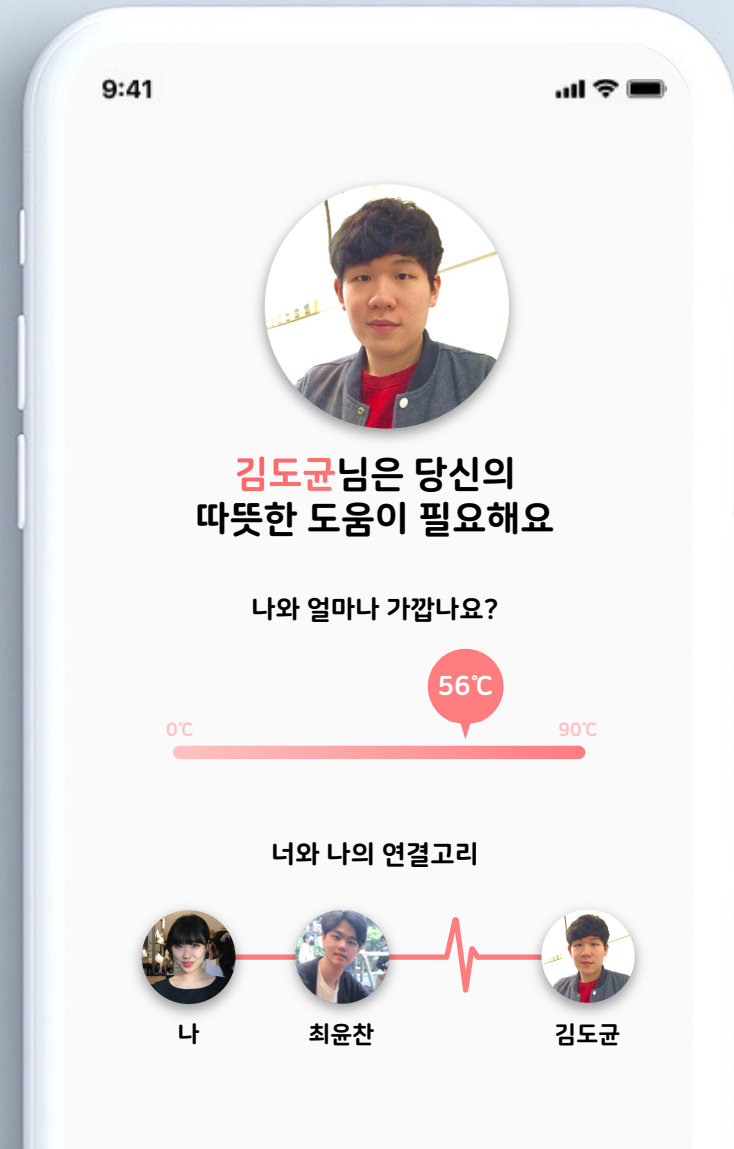
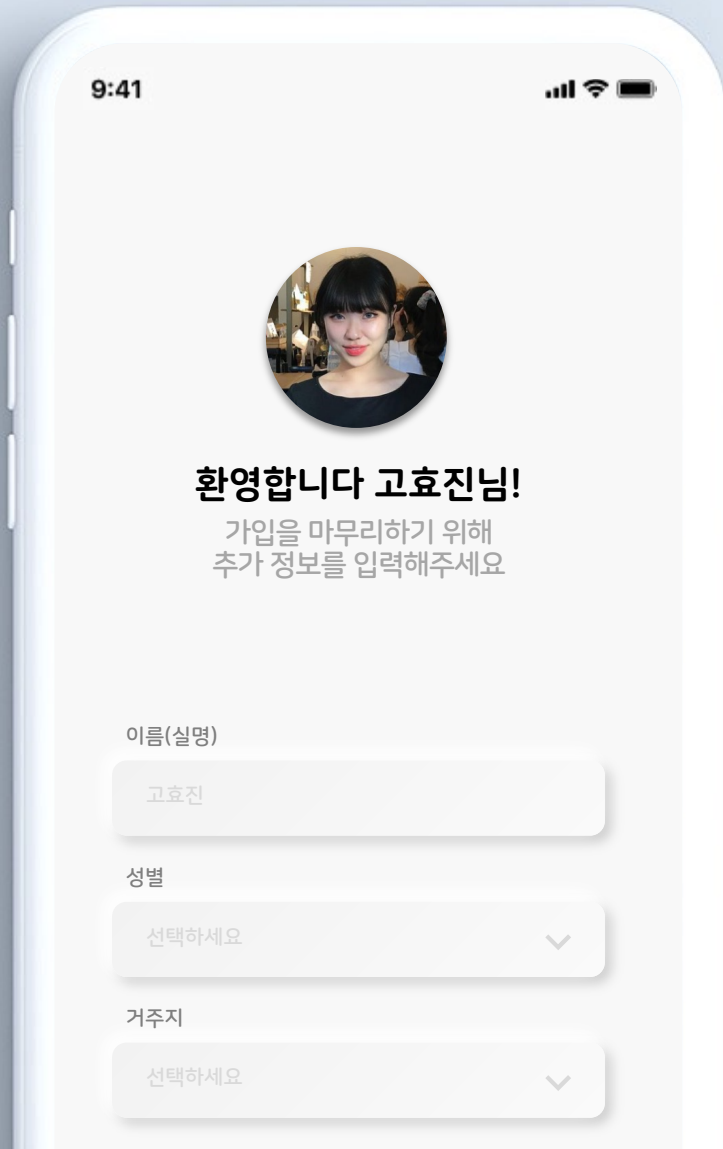
Six Degrees of Kevin Bacon

I. Implementation of H.N.

Make Human Network
from SNS Services.

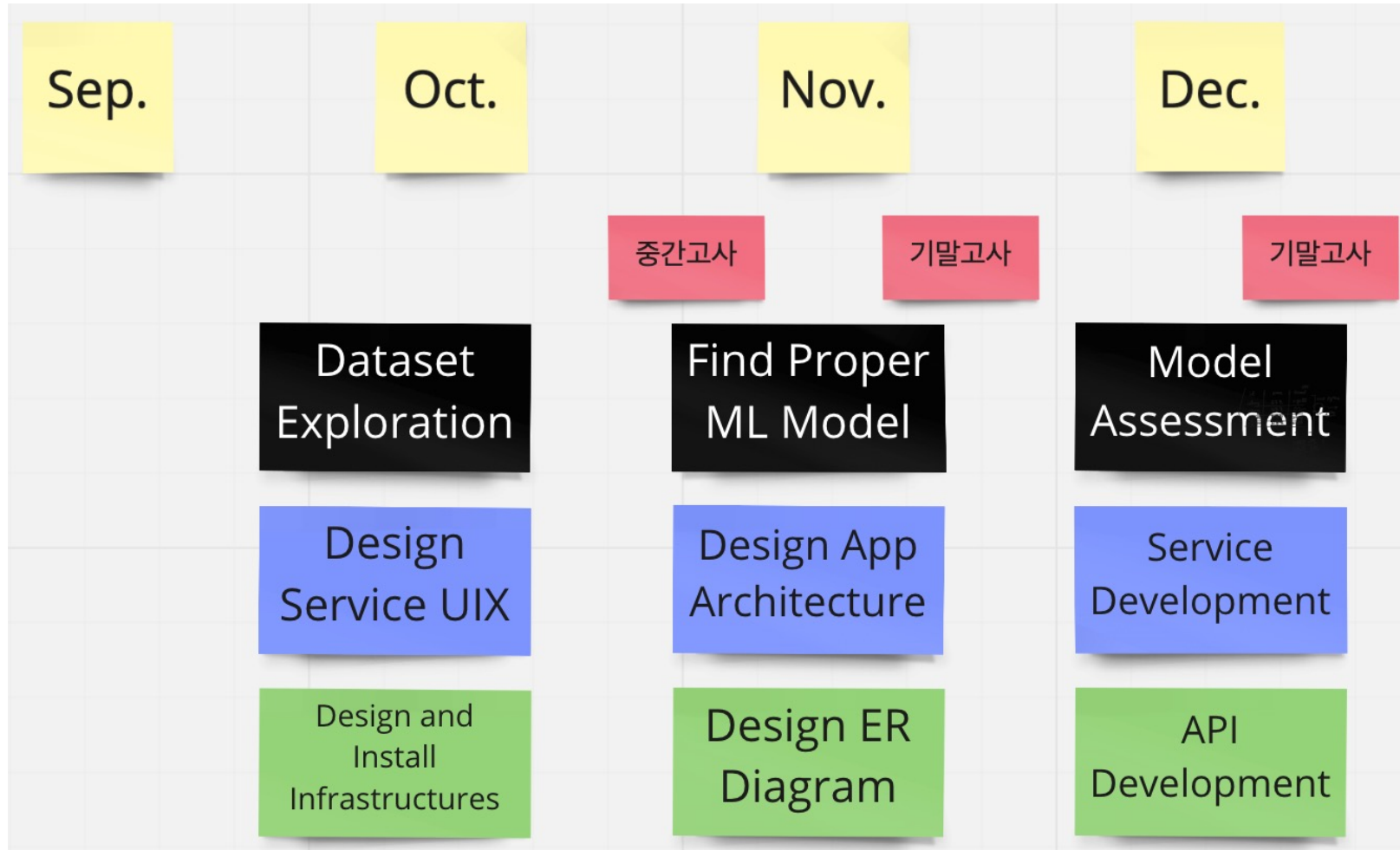


I. Samples



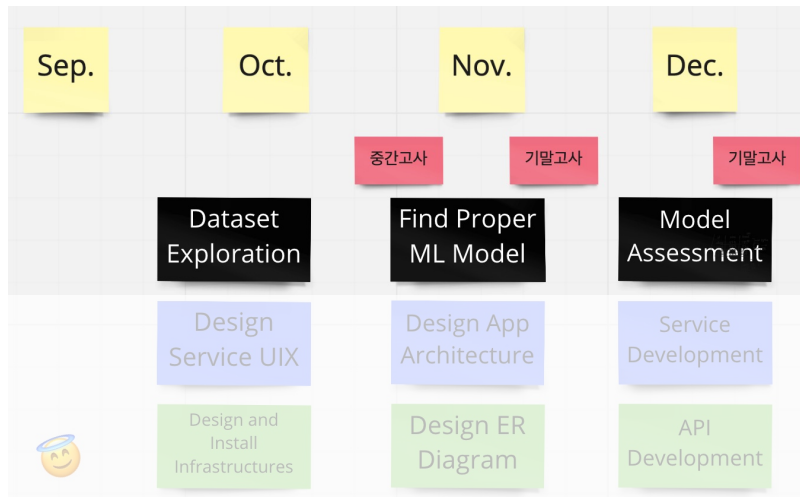
II. Project Agenda & Plan

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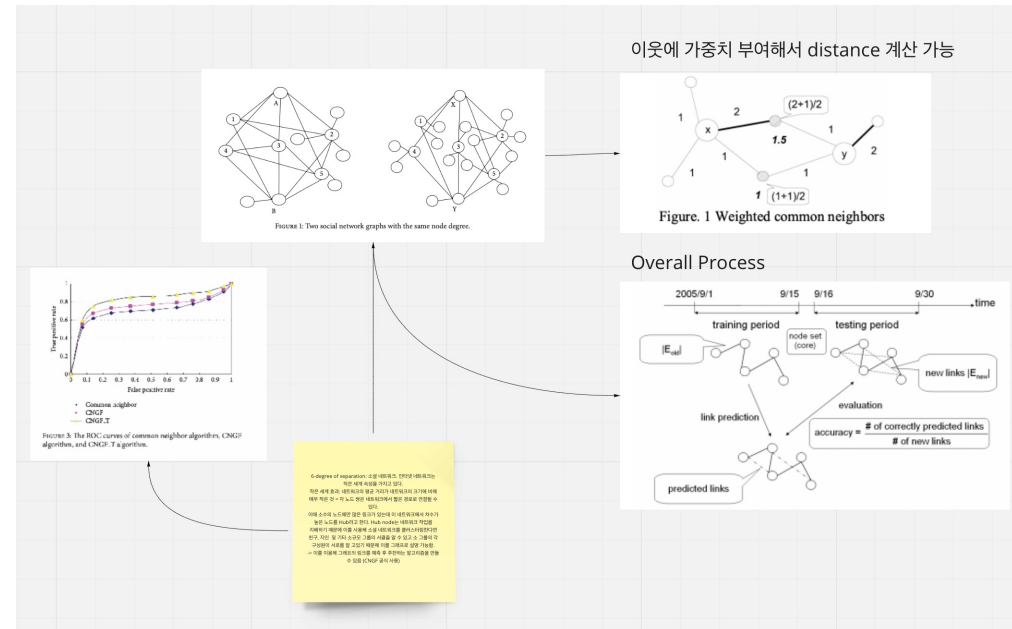


Project Agenda & Plan

Hyojin



Calculate distance through weights each nodes and predict proper patient.



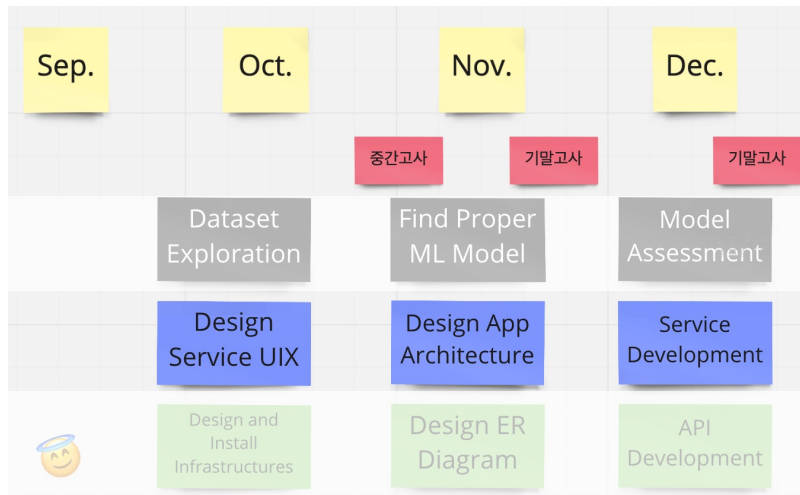
References (Research)

"The Algorithm of Link Prediction on Social Network"

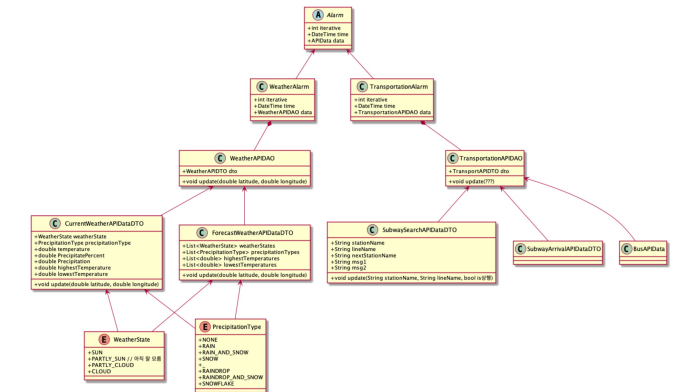
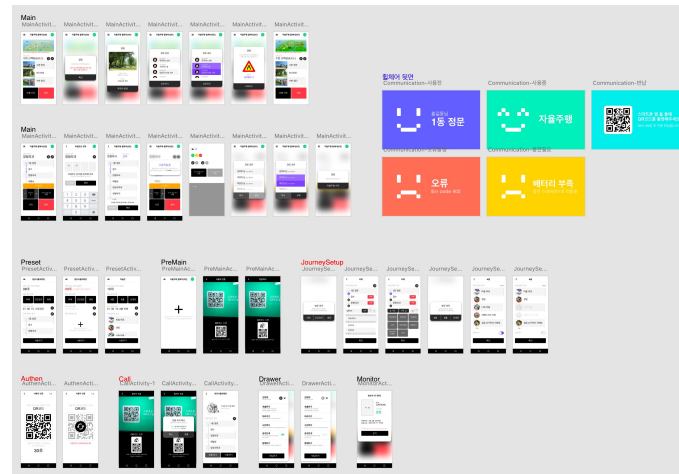
"Link Prediction of Social Network Based on Weighted Proximity Measures"

II. Project Agenda & Plan

Dokyoon



Design Application UI, UX and business logic through Adobe XD and PlantUML.

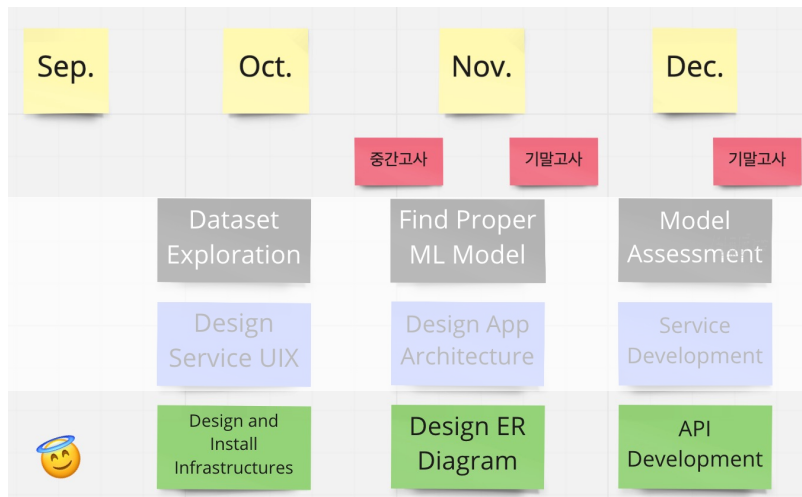


Implement application service with using Flutter cross-platform framework.

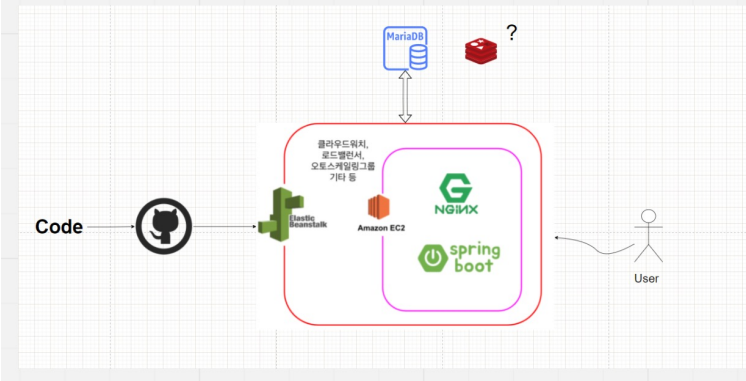


II. Project Agenda & Plan

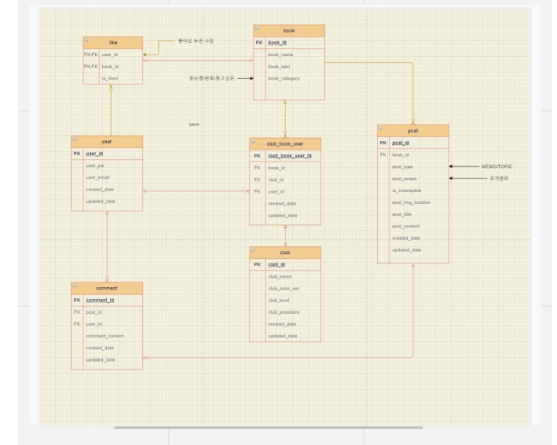
Yoonchan



Implement CI/CD pipeline with using beanstalk(PaaS) in AWS.
Use NoSQL (in case)



API and Database design from ER-Diagram



Implement back-end service with using Spring Framework.



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