



HELLO TEAM PROJECT

Team 14 Proposal

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04 PROJECT TEAM

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06 EXPECTED EFFECT

Expected effect of the project

BACKGROUND

Content

- Team project is important activity.
- Problems of team project
 - Human problem
 - Environment problem



TEAM PROJECT IS IMPORTANT ACTIVITY



The team project

- There is no project done by alone
- Team project is mandatory not optional in company
- Cooperation ability is important
- Manner maketh man
Team project experience makes developer

PROBLEMS OF TEAM PROJECT

HUMAN PROBLEM



Getting team member is hard

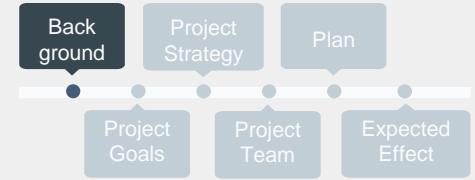


Free riders make a project difficult



PROBLEMS OF TEAM PROJECT

RATING AND RESUME SYSTEM



Resume system

The system that introduces and publicizes oneself

This system will help peoples to make team



Rating system

The system that evaluates someone's behavior

This system will help peoples to avoid free rider



PROBLEMS OF TEAM PROJECT ENVIRONMENT PROBLEM



iCampus team project platform is uncomfortable



The platform does not provide real time messaging

Actually, the platform's role is just exchange phone number

PROBLEMS OF TEAM PROJECT

ONLINE MESSAGING SYSTEM



Online messaging system

The system that provides real time communication system

Team members will feel more comfortable doing online team project



PROJECT GOALS

The Goal of Hello Team Project



Building “the university team project platform”
to facilitate team projects perfectly

HELLO TEAM PROJECT

PROJECT GOALS



THE GOAL OF HELLO TEAM PROJECT

Building “the university team project platform”
to facilitate team projects perfectly

Functions for Students

- The space where students introduce themselves and appeal their strengths
- The discussion space that team members can discuss and share information more comfortable
- Tools for team projects such as Gantt chart and Ghost Leg
- Evaluation system for reducing free rider

PROJECT GOALS



THE GOAL OF HELLO TEAM PROJECT

Building “the university team project platform”
to facilitate team projects perfectly

Functions for Professors

- Fair team assigning function based on students' evaluation
- Project team manage system for professor

PROJECT STRATEGY

Content

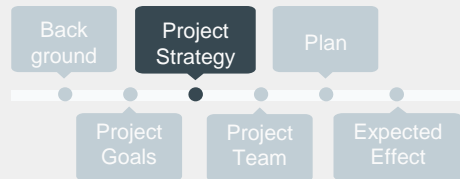
- System Architecture
- Development Tools
 - Front-end
 - Back-end
 - Project management



SYSTEM ARCHITECTURE



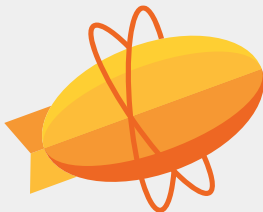
DEVELOPMENT TOOLS



Front-end



Photoshop
Image
component
design



Zeplin
Converting
photoshop
to css



Languages
HTML
CSS
JavaScript

Back-end



Maria DB
Opensource
DBMS

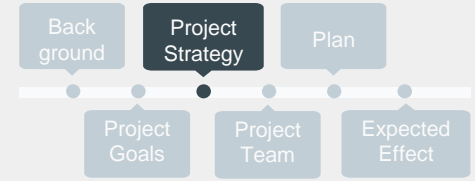


Postman
Test tools for
REST API



Languages
Node.js
Golang

DEVELOPMENT TOOLS



Project Management



Slack
Discussion



Git
Version control



Notion
Documentation



Swagger
API
Documentation

PROJECT TEAM

Content

- Project Department
- Organization Chart



PROJECT DEPARTMENT



Front-end

- UX/UI design
- HTML, CSS, JS



Back-end

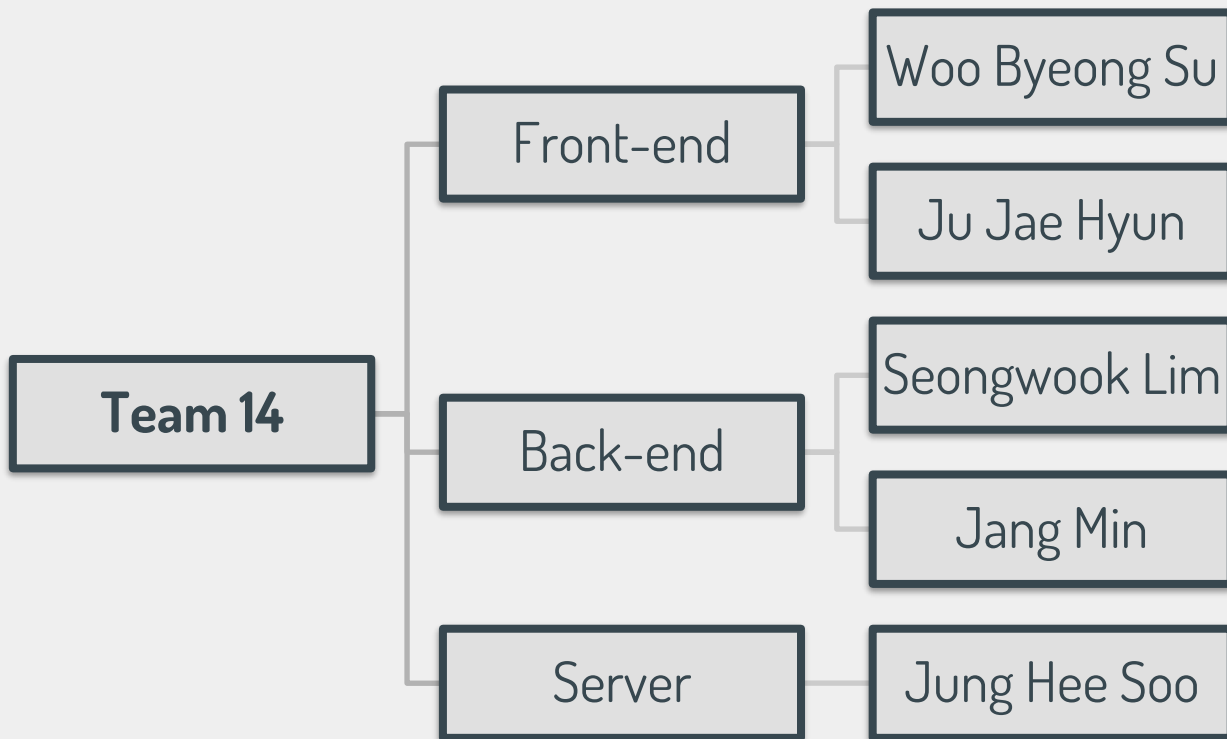
- Developing back-end web application
- Golang, Node.js



DB Server

- Query optimizing
- Grouping algorithm
- SQL

ORGANIZATION CHART



PLAN

Content

- Project Stages
- Final Achievement



PROJECT STAGES



Requirement Specification

Specifying the function that must be implemented
[4/5 ~ 4/25]

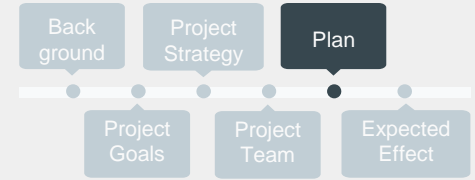
Design Specification

Designing the architecture of whole system
[4/26 ~ 5/16]

Test Plan

Making plan about how to test the system
[5/17 ~ 5/30]

ACHIEVEMENT



Documentation

- Application Proposal
- Requirement Specification
- Design Specification
- Test plan

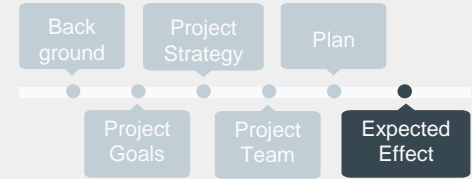
EXPECTED EFFECT

Content

- Expected Effect
- Future Application



EXPECTED EFFECT



Fair team making

- There are many problems when make team by random pick
- The project can reduce the risk and make better environment for team project

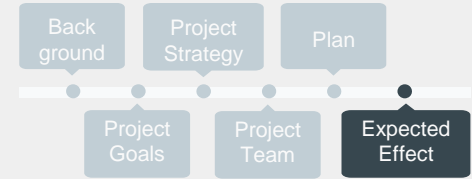
Reducing free rider

- Free rider will not be picked when he/she starts another project
- More people will do their best on the project

For better rating

- Retain big data for evaluation analysis
- This data can be used in evaluation system that can determine whether evaluation can be creditable or not in next update

FUTURE APPLICATION



Extensible

- Extensible to a platform that can be applied with any group
- For example, company doing a lot of project can adopt the system for making team

Portfolio

- The portfolio page can be the basis for resumes
- Company can use the portfolio page as university life record book

Reliable rating

- Using AI and big data analysis for the credibility of students' evaluation
- Reducing victim from malicious wrong evaluation



THANKS

Does anyone have any questions?

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