

ON PROJECT TRAINING

STEP 01: FORM A GROUP

First Week

- 2~4 students per group
- 01 Leader
 - ✓ Organization code: GitLab / GitHub
 - ✓ Code
 - ✓ Review code
 - ✓ Merge code
 - ✓ Trello or Jira or Issues (GitLab / GitHub)
 - ✓ Plan
 - ✓ Assign Task

STEP 02: CHOOSE A TOPIC TO IMPLEMENT

First Week

- The group chooses one of the names of the assignments attached below
- Maybe, the group can propose a topic that the group likes, describing the assignment's requirements and Guider will approve it before you carry it out.

STEP 03: IMPLEMENT THE ASSIGNMENT

Week 2 - 14

- Implement the assignment consists of the following stages:
 1. Collect requirements
 2. Analyze requirements
 3. Design analysis
 4. Implementation
 5. Testing
 6. Deployment
- Output:
 1. Source code of the application

STEP 04: PRESENT AND CRITICIZE THE GROUP'S RESULTS

Week 14 or 15 or according to the schedule you announce

- Results are evaluated according to the rubric

EXAMPLE

- 2 ~ 4 members
 - ✓ Code backend Spring boot - Microservice
- Requirements:
 - ✓ Service call service +1
 - ✓ Retry +1
 - ✓ Rate Limiter Client +1
 - ✓ Service discovery Eureka client-server +1
 - ✓ API Gateway +1
 - ✓ Cloud Config server +1
 - ✓ Host in Heroku or AWS (recommended)-
Swagger UI +1
 - ✓ Cache Redis +1
 - ✓ JWT +1
 - ✓ UI +1

FIGMA UI DESIGN - **NO REQUIRE**

- Add account all member and Guider
- Design and Prototype in Figma

MAKE PROJECT CODE - LEADER

- GitHub or GitLab
- Add account all member and Guider
- Make plan
- Make Zalo group name - KTTKPM17CTT_{GROUP_No}

LEARN

- Jira / Trello
- Git more
- Agile
- ...

REPORT

- Working process
- Tasks
- Bugs

GRADES

Based on:

- Project finish functions!
- How many task do you finish? Trello or Jira or Issues
- Communication with others in Zalo
- Commit your code

GRADES

Based on:

- All functions → 7 points
- Cache by Redis → 1 point
- UI by any front end → 1 point
- JWT for API Gateway → 1 point

GRADES COURSE ACTIVITIES

Point	Description
{0-10}	Regularly Test (Writing/Lab – 6 times)
{0-10}	Middle Test (Lab/Report)
{0-10}	Final Test (Lab/Report)

Any Question?
