



AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

2022 OOCL AFS Agile Project

/thoughtworks



AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

/thoughtworks

Team

Team 1

ALAN WAN

HEINRICH SIU

JENNY WONG

MARIE CHOW

THOMAS K Y KWOK

VINCENT TAM

CHRIS T C WONG

Team 2

ANTONY CHOI

JOYCE LI

KELVIN TO

POLLY LEUNG

ALVIN LEUNG

MICHAEL NAM

How to use the zoom room ?

Rule of how to use the room:

- Team 1 will own Room1, Room 1-1, Room 1-2, Room 1-3.
- Team 2 will own Room2, Room 2-1, Room 2-2, Room 2-3.
- **Room 1 & Room 2 for team activities.**
- Room 1-1, Room 1-2, Room 1-3,
Room 2-1, Room 2-2, Room 2-3
for single discussion and pair programming
- Should share screen and use microphone in the room
- Can send message to teachers in teams once need help





AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

Product Owner & Technical Advisor

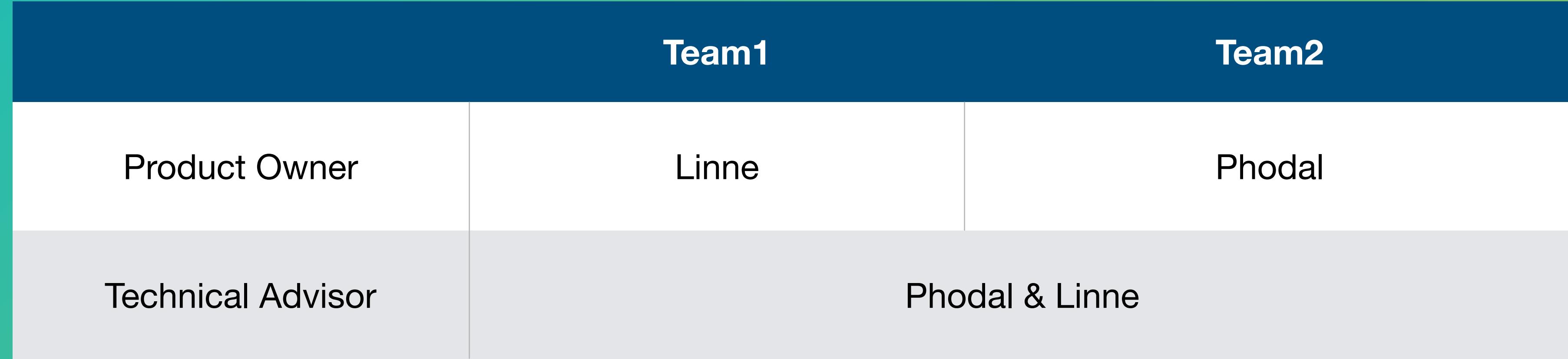
/thoughtworks



Agile Full Stack
Developer Bootcamp

Thoughtworks ©

Technical Advisor





AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

Roles

/thoughtworks

Roles

In simulation project, role rotation every day
(except tech lead and UX)

- 1 BA
- 1 QA
- 1 UX
- 3 Devs
- 1 Tech lead(team lead)



BA

- Clarify requirements
 - Bridge between PO(requirement) and team
 - Communicate with PO, communicate with team
 - Ensure everyone has a consistent understanding
- Write story card
- Manage kanban board

The screenshot shows a Trello board titled "AFS Trello Template". The board has three columns: "Backlog", "In Analysis", and "Ready for Dev".

- Backlog:** Contains two cards:
 - #2 [BE] User can park and fetch a car (with a screenshot of the EasyPark app interface showing search filters like Distance, Hourly Rate, Electric Car?, and Rating).
 - #1 [FE] User can park and fetch a car
- In Analysis:** Contains a "+ Add a card" button.
- Ready for Dev:** Contains a "+ Add a card" button.

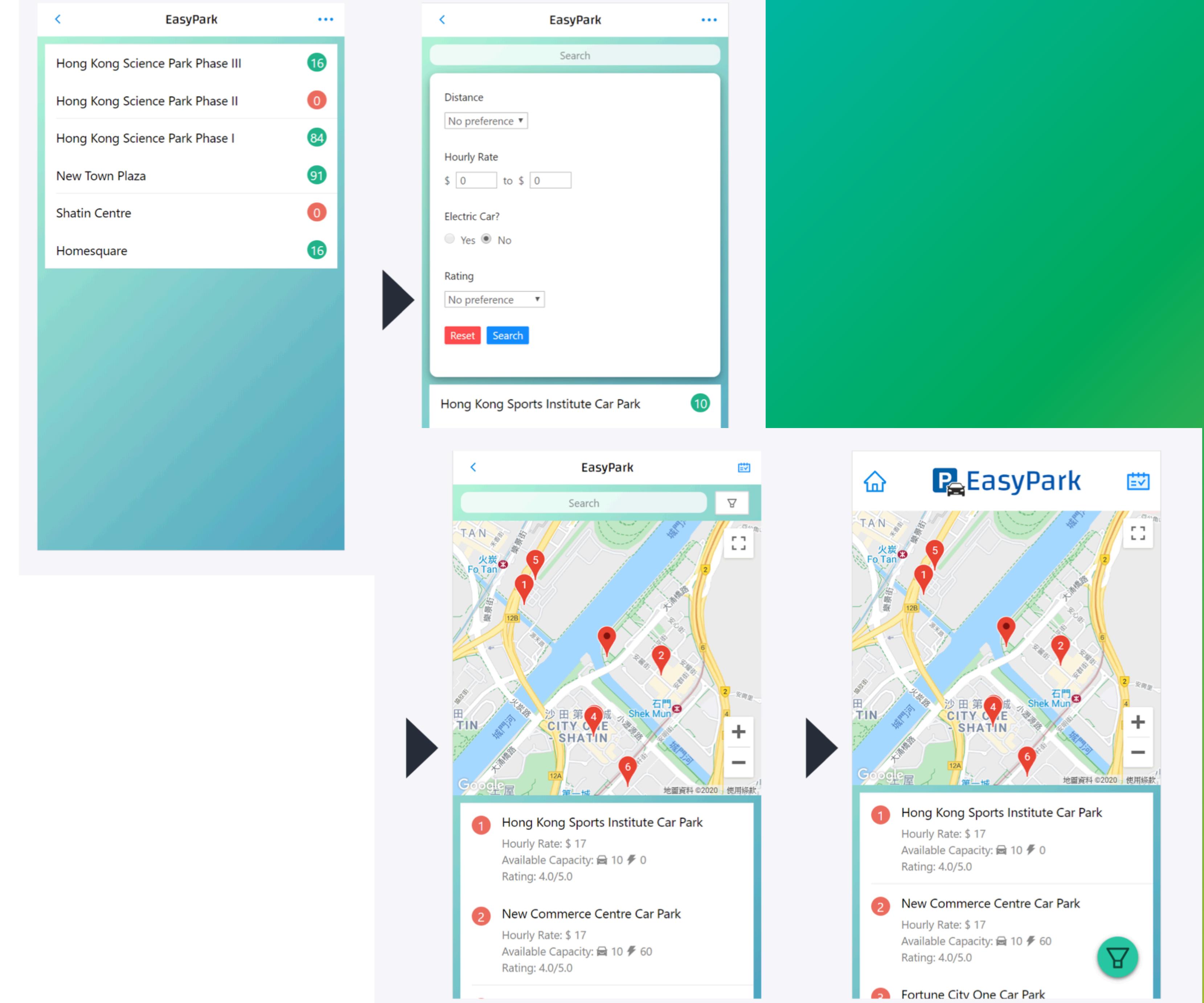
QA

- Test
- Write story card



UX

- UI Design



Dev

- Story Kickoff
- Coding
- Coding
- Coding
- Desk check



Tech Lead

- Manage process
 - Help team (e.g. tech problems)
 - Coding
-
- Tech lead should be responsible for the **technical** troubles of your team
 - Tech lead should **ensure** all the agile activities **happen**
 - Tech lead should control the **progress** and guide the **priority**



Team name + Role for Iteration 1

1 day 1 iteration in simulation project

- Give a cool name
- Choose role for Day1

Time box: 20 mins

BA & QA role rotate in each iteration. Role rotation is to let everyone understand the responsibilities of different roles, so that we can better collaborate with different roles in future projects.





AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

	Team Name	Tech Lead	UX	BA	QA	DEV
Team 1	Team M gogogo	Marie	Vincent	Chris	Jenny	Alan Thomas Heinrich
Team 2	JAPKAM	Polly	Alvin	Kelvin	Antony	Joyce Michael



AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©



Idea

/thoughtworks

Idea

More and more people like to watch movie in the mall, but feel painful to queue to buy tickets. The reasons maybe:

1. Feel boring about the time-consuming queue.
 2. It's hard to find companions to go together.
 3. Need time to buy some food.
 4. Can't interact with others when watching the movie.

3

Currently, the internet and online shopping swept the world. Therefore, I think a smart movie ticket reservation application is a huge business opportunity.





AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

Movie Reservation Website

/thoughtworks



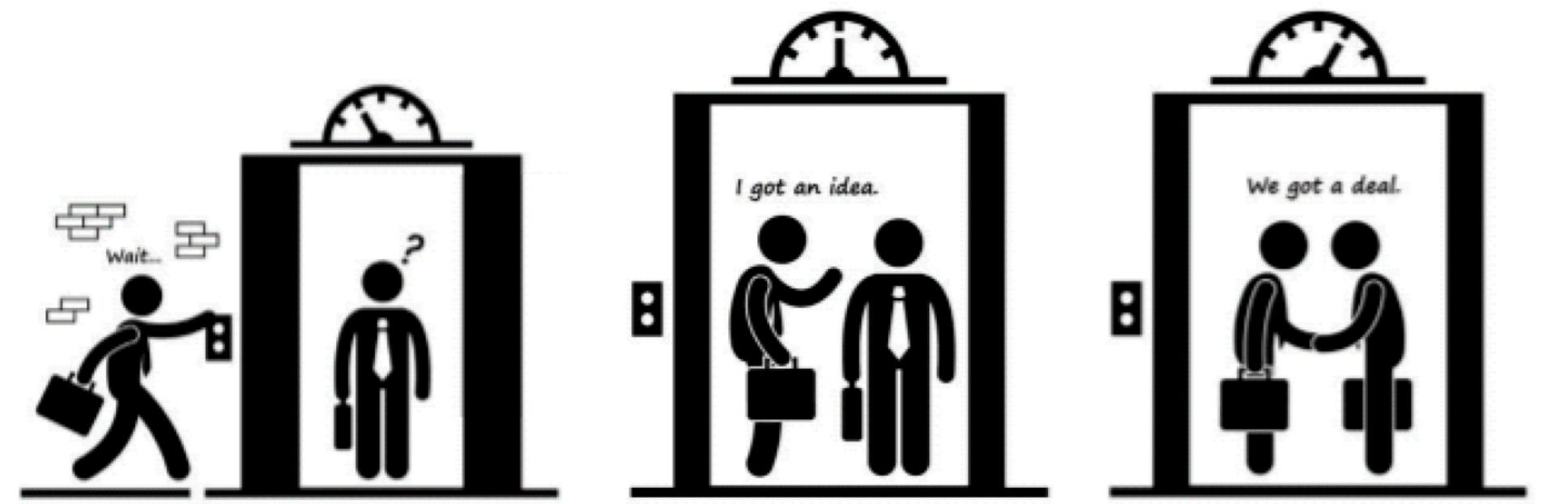
AFS

Agile Full Stack
Developer Bootcamp
Thoughtworks ©

Elevator speech

/thoughtworks

Elevator speech



Elevator Speech Practice

Practice Time box: 20min

Template

1. For ... (Target user group)
2. They want ... (Pain point)
3. This ... (Product name)
4. Is a ... (Product features)
5. It can ... (Irresistible advantages)
6. Different from ... (Other competing products)
7. Our product ... (Core differentiated competitiveness)



Template Reference

I have a wonderful product idea! The current (your target user group) has (the users pain point), I assume to provide (your product name) as solution, the irresistible feature is (the irresistible advantage of your product), (the core differentiated competitiveness of your product) far better than (other competing products). I believe it will be welcomed once the product is on the market.



Homework

1. ORID Dairy
2. Finish “TodoList” Integration between frontend and backend
3. Finish Elevator Speech (showcase tomorrow)
4. Team roles rotation plan for next Tuesday&Wednesday&Thursday
5. Team find the prototype design tool, for example:
 1. <https://www.figma.com/>
 2. <https://proto.io/>

Implementation on todolist

Requirement:

- Spring boot project
- Using MongoDB
- Three Layers:
 - Controller
 - Service
 - Repository
- API Test (Integration Test)(optional)

Feature1: get all todo items

1. finish GET API in backend
2. call GET API in frontend

Feature2: add one todo item

1. finish POST API in backend
2. call POST API in frontend

Feature3: update one todo item

1. finish PUT API in backend
2. call PUT API in frontend

Feature4: delete one todo item

1. finish delete API in backend
2. call delete API in frontend

