

## **Sprint Planning for Sprint 15 - 4/14/2024**

- Interval: 4/15/2024 - 4/24/2024
- Changing standup meeting schedule: Stand up every Tuesday, Thursday, Friday
- Team Capacity (hours): 131
- Last Updated 4/22/2024

### **Schedule checked for Sprint:**

- Jack - Yes
- Phong - Yes
- Yoshiki - Yes
- Zarif - Yes
- Devin - Yes

### **Individual Capacities:**

Jack	25
Phong	20
Yoshiki	35
Zarif	26
Devin	25
Total	131

### **Unavailable Days:**

Jack	4/21
Phong	4/21
Yoshiki	4/21
Zarif	4/21
Devin	4/21

### **Work From Backlog:**

Work Item	Effort Points (Hours)	Owner
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Account Recovery	2	Phong
Account Deletion	2	Phong
Dar Report Maps API Analysis & Response Stage	4	Devin
Location Recommendation 1	10	Devin
Location Recommendation 2	8	Devin
Location Recommendation 3	3	Devin
Location Recommendation 4	3	Devin
LoR Gold Plating	2	Devin
AWS Setup	10	Devin
MM1	15	Jack
MM2	5	Jack
MM3	5	Jack
MM Gold Plating	2	Jack
IGM1	15	Yoshiki
IGM2	3	Yoshiki
IGM3	3	Yoshiki
IGM4	5	Yoshiki
IGM5	5	Yoshiki
IGM6	1	Yoshiki
IGM Gold Plating	2	Yoshiki
LT1	10	Zarif

LT2	10	Zarif
LT3	5	Zarif
LT4	5	Zarif
LT Gold Plating	2	Zarif
Usage Analysis Dash	10	Phong
UF Gold Plating	5	Phong
Lifelog Reminder	5	Devin
User Privacy Control	5	Jack
User Management 1	5	Yoshiki
User Management 2	5	Yoshiki
LF2	2	Devin
UML FE Account Management Page	2	Phong

## Task Breakdown: Jack

### Work Item: MM1 (Internal Due Date: 4/23)

1. MM1 LLD (5 hours assigned to : Jack)
  - a. Success (2 hours)
  - b. Recoverable Failures (2 hours)
  - c. Unrecoverable failures(1 hour)
2. MM1 Backend Implementation
  - a. Entry point (2 hours)
  - b. Service (2 hours)
  - c. Repo (2 hours)
3. MM1 Frontend Implementation
  - a. JS (2 hours)
  - b. HTML (2 hours)
  - c. CSS (1 hour)

New estimate for work item for sprint: 14 hrs

I estimate that designing for MM1 will take 14 hours.

Work Item: MM2 (Internal Due Date: 4/23)

1. MM2 LLD (5 hours assigned to : Jack)
  - a. Success (2 hours)
  - b. Recoverable Failures (2 hours)
  - c. Unrecoverable failures(1 hour)
2. MM1 Backend Implementation
  - a. Entry point (1 hour)
  - b. Service (1 hour)
  - c. Repo (2 hours)
3. MM1 Frontend Implementation
  - a. JS (1 hour)
  - b. HTML (1 hour)
  - c. CSS (1 hour)

New estimate for work item for sprint: 12 hrs

I estimate that MM2 will take 12 hours.

Work Item: MM3 (Internal Due Date: 4/23)

1. MM3 LLD (5 hours assigned to : Jack)
  - a. Success (2 hours)
  - b. Recoverable Failures (2 hours)
  - c. Unrecoverable failures(1 hour)
2. MM1 Backend Implementation
  - a. Entry point (1 hour)
  - b. Service (1 hour)
  - c. Repo (2 hours)
3. MM1 Frontend Implementation
  - a. JS (1 hour)
  - b. HTML (1 hour)
  - c. CSS (1 hour)

New estimate for work item for sprint: 12hrs

I estimate that MM3 will take 12 hours.

Work Item: User Privacy Control (Internal Due Date: 4/9)

1. Delete User Logs (2 hours)
2. PII Email (3 hours)

New estimate for work item for sprint: 5hrs

I estimate that User Privacy Control will take 5 hours.

## **Zarif**

### Work Item: LT1 (Internal Due Date: 4/9)

1. Success LLD (1 Hour, Assigned to Zarif)
2. Failure LLDs (3 Hour, Assigned to Zarif)
3. Backend Implementation (5 Hour, Assigned to Zarif)
  - a. Functionality Methods (3 hour)
  - b. Tests and WebService (2 hour)
4. Frontend Implementation (7 Hour, Assigned to Zarif)
  - a. Javascript for growing tree(3 hour)
  - b. HTML and CSS for general feature (1 hour)
  - c. JS DocumentFragment adding divs (3 hours)

New estimate for work item: 16 hrs

10 - 16 = -6 hrs remaining

I estimate that the work item will take 6 more hours than outlined in the project plan

### Work Item: LT2 (Internal Due Date: 4/9)

1. Success LLD (1 Hour, Assigned to Zarif)
2. Failure LLDs (3 Hour, Assigned to Zarif)
3. Backend Implementation (5 Hour, Assigned to Zarif)
  - c. Functionality Methods (3 hour)
  - d. Tests and WebService (2 hour)
4. Frontend Implementation (7 Hour, Assigned to Zarif)
  - d. Javascript for displaying branch (3 hour)
  - e. HTML and CSS for branch (1 hour)
  - f. JS DocumentFragment adding divs (3 hours)

New estimate for work item: 16 hrs

10 - 16 = -6 hrs remaining

I estimate that the work item will take 6 more hours than outlined in the project plan

### Work Item: LT3 (Internal Due Date: 4/9)

1. Success LLD (1 Hour, Assigned to Zarif)
2. Failure LLD (2 Hour, Assigned to Zarif)

3. Backend Implementation (4 Hour, Assigned to Zarif)
  - e. Functionality Methods (3 hour)
  - f. Tests and WebService (1 hour)
4. Frontend Implementation (6 Hour, Assigned to Zarif)
  - g. Javascript for PN (2 hour)
  - h. HTML and CSS for PN (2 hour)
  - i. Adding visual PN to Tree (2 hours)

New estimate for work item: 13 hrs

5 - 13 = -8 hrs remaining

I estimate that the work item will take 8 more hours than outlined in the project plan

Work Item: LT4 (Internal Due Date: 4/9)

1. Success LLD (1 Hour, Assigned to Zarif)
2. Failure LLD (2 Hour, Assigned to Zarif)
3. Backend Implementation (4 Hour, Assigned to Zarif)
  - g. Functionality Methods (3 hour)
  - h. Tests and WebService (1 hour)
4. Frontend Implementation (3 Hour, Assigned to Zarif)
  - j. Javascript Creating PN (2 hour)
  - k. HTML and CSS for PN (1 hour)

New estimate for work item: 10 hrs

5 - 10 = -5 hrs remaining

I estimate that the work item will take 5 more hours than outlined in the project plan

**Devin**

Work Item: Dar Report Maps API (Internal Due Date: 4/23)

1. Analysis Stage (1 hours, Assigned to: Yoshiki)
2. Response Stage (3 hours, Assigned to: Devin)

Work Item: LoR1 Get Location Recommendation (Internal Due Date: 4/23)

1. Implementation (6 hours, Assigned to: Devin)

- a. GetRecommendation, BackEnd(1.5 hours, Assigned to: Devin)
  - b. GetCluster, BackEnd(2.5 hours, Assigned to: Devin)
  - c. FrontEnd(2 hours, Assigned to: Devin)
- 2. Helper(1 hours, Assigned to: Devin)
- 3. Testing(3 hours, Assigned to: Devin)
  - a. Unit Testing(2 hours, Assigned to: Devin)
  - b. Front End/E2E(1 hours, Assigned to: Devin)

Work Item: LoR2 View Recommendation Details (Internal Due Date: 4/23)

- 1. Implementation(4 hours, Assigned to: Devin)
  - a. BackEnd(2.5 hours, Assigned to: Devin)
  - b. FrontEnd(1.5 hours, Assigned to: Devin)
- 2. Helper(1 hours, Assigned to: Devin)
- 3. Testing(3 hours, Assigned to: Devin)
  - a. Unit Testing(2 hours, Assigned to: Devin)
  - b. Front End/E2E(1 hours, Assigned to: Devin)

Work Item: LoR3 View Pin Details (Internal Due Date: 4/23)

- 1. Implementation(2 hours, Assigned to: Devin)
  - a. BackEnd(1 hours, Assigned to: Devin)
  - b. FrontEnd(1 hours, Assigned to: Devin)
- 2. Testing(1 hours, Assigned to: Devin)

Work Item: LoR4 View Geospatial map (Internal Due Date: 4/23)

- 1. Implementation(2 hours, Assigned to: Devin)
  - a. BackEnd(1 hours, Assigned to: Devin)
  - b. FrontEnd(1 hours, Assigned to: Devin)
- 2. Testing(1 hours, Assigned to: Devin)

New estimate for work item: 35 hrs

$35 - 35 = 0$  hrs remaining

I estimate that the work item will take the same time as estimated

Work Item: AWS Setup (Internal Due Date: 5/10)

- 1. add Linux machine(3 hours, Assigned to: Zarif)
- 2. Setup Apache on Linux machine (4 hours, Assigned to: Yoshiki)
- 3. Setup TLS certification (3 hours, Assigned to: Devin)

New estimate for work item: 10 hrs

$10 - 10 = 0$  hrs remaining

I estimate that the work item will take the same time as estimated

Work Item: LF2 (Internal Due Date: 5/10)

4. Implementation & Testing(1 hours, Assigned to: Devin)
5. LLD(1 hours, Assigned to: Devin)

New estimate for work item: 2 hrs

$2 - 2 = 0$  hrs remaining

I estimate that the work item will take the same time as estimated

Work Item: LoR4 View Geospatial map (Internal Due Date: 4/23)

1. LLD(2 hours, Assigned to: Devin)
2. Implementation(2 hours, Assigned to: Devin)
  - a. BackEnd(1 hours, Assigned to: Devin)
  - b. FrontEnd(1 hours, Assigned to: Devin)
3. Testing(1 hours, Assigned to: Devin)

New estimate for work item: 5 hrs

$5 - 5 = 0$  hrs remaining

I estimate that the work item will take the same time as estimated

**Yoshiki**

Work Item: IGM1 Create Pins(Internal Due Date: 4/9)

1. Backend Implementation (6 hours, Assigned to: Yoshiki)
  - a. Controller (2 hours)
  - b. Service(4 hours)
2. Frontend Implementation (5 hours, Assigned to: Yoshiki)
  - a. HTML CSS (2 hours)
  - b. Javascript (3 hours)
3. Testing (3 hours, Assigned to: Yoshiki)
  - a. Backend Testing (2 hours)
    - i. Success Case (1 hours)
    - ii. Failure Case (1 hours)
  - b. Frontend Testing (Cypress) (1 hours)

Work Item: IGM2 Delete Pins (Internal Due Date: 4/9)

1. Backend Implementation (2 hours, Assigned to: Yoshiki)
  - a. Controller (1 hours)



- b. Service(1 hours)
- 2. Frontend Implementation (2 hours, Assigned to: Yoshiki)
  - a. HTML CSS (1 hours)
  - b. Javascript (1 hours)
- 3. Testing (2 hours, Assigned to: Yoshiki)
  - a. Backend Testing (1 hours)
    - i. Success Case and Failure Case (1 hours)
  - b. Frontend Testing (Cypress) (1 hours)

Work Item: IGM3 View Pin Details(Internal Due Date: 4/9)

- 1. Backend Implementation (4 hours, Assigned to: Yoshiki)
  - a. Controller (1 hours)
  - b. Service(3 hours)
- 2. Frontend Implementation (3 hours, Assigned to: Yoshiki)
  - a. HTML CSS (1 hours)
  - b. Javascript (2 hours)
- 3. Testing (2 hours, Assigned to: Yoshiki)
  - a. Backend Testing (1 hours)
    - i. Success Case and Failure Case (1 hours)
  - b. Frontend Testing (Cypress) (1 hours)

Work Item: IGM4 Update Pin Location(Internal Due Date: 4/9)

- 1. Backend Implementation (4 hours, Assigned to: Yoshiki)
  - a. Controller (1 hours)
  - b. Service(3 hours)
- 2. Frontend Implementation (3 hours, Assigned to: Yoshiki)
  - a. HTML CSS (1 hours)
  - b. Javascript (2 hours)
- 3. Testing (2 hours, Assigned to: Yoshiki)
  - a. Backend Testing (1 hours)
    - i. Success Case and Failure Case (1 hours)
  - b. Frontend Testing (Cypress) (1 hours)

Work Item: IGM5 Edit LLI Using Pin(Internal Due Date: 4/9)

- 1. Backend Implementation (4 hours, Assigned to: Yoshiki)
  - a. Controller (1 hours)
  - b. Service(3 hours)
- 2. Frontend Implementation (3 hours, Assigned to: Yoshiki)
  - a. HTML CSS (1 hours)
  - b. Javascript (2 hours)
- 3. Testing (2 hours, Assigned to: Yoshiki)

- a. Backend Testing (1 hours)
  - i. Success Case and Failure Case (1 hours)
- b. Frontend Testing (Cypress) (1 hours)

Work Item: IGM6 View Location Recommendation (Internal Due Date: 4/9)

- 1. Backend Implementation (4 hours, Assigned to: Yoshiki)
  - a. Controller (1 hours)
  - b. Service (3 hours)
- 2. Frontend Implementation (3 hours, Assigned to: Yoshiki)
  - a. HTML CSS (1 hours)
  - b. Javascript (2 hours)
- 3. Testing (2 hours, Assigned to: Yoshiki)
  - a. Backend Testing (1 hours)
    - i. Success Case and Failure Case (1 hours)
  - b. Frontend Testing (Cypress) (1 hours)

New estimate for work item: 34 hrs

21 - 34 = -13 hrs

I estimate that the work item will take 13 more hours than estimated

## **Phong**

Work Item: UF Gold Plating (Internal Due Date: 4/23)

- 1. UF Gold Plating (5 hours, Assigned to: Phong Cao)

New estimate for work item: 5 hrs

5 - 5 = 0 hrs remaining

I estimate that the work item will take as much time as previously estimated

Work Item: Usage Analysis Dashboard (Internal Due Date: 4/28)

- 1. UAD Success Case LLD (1 hours, Assigned to: Phong Cao)
- 2. UAD Failure Case LLD (1 hours, Assigned to: Phong Cao)
  - a. Statistic does not exist
  - b. Unauthorized access to statistic
- 3. UAD Backend Implementation (2 hours, Assigned to: Phong Cao)

- a. Data Access implementation
- b. Service implementation
- c. Web Service implementation
- 4. UAD Tests Implementation (1 hours, Assigned to: Phong Cao)
  - a. Success Case Test
  - b. Failure Case Test
  - c. Front End Test
- 5. UAD HTML/CSS Scripting (1 hours, Assigned to: Phong Cao)
- 6. UAD JavaScript (1 hours, Assigned to: Phong Cao)

New estimate for work item: 7 hrs

$10 - 7 = 3$  hrs remaining

I estimate that the work item will take 3 hours less than its prior estimate

Work Item: Account Deletion (Internal Due Date: 4/9)

- 1. Account Deletion Web Service Implementation (1 hours, Assigned to: Phong)
- 2. Account Deletion Front End Implementation (1 hours, Assigned to: Phong)

New estimate for work item: 2 hrs

$2 - 2 = 0$  hrs remaining

I estimate that the work item will as as much time as previously estimated

Work Item: UML FE Account Management Page (Internal Due Date: 4/28)

- 1. UML FE Account Management Page Design (1 hours, Assigned to: Phong)
- 2. UML FE Account Management Page Implementation (1 hours, Assigned to: Phong)

**Final Analysis:**

Do we accept Dar Report Maps API Decision Stage

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for Dar Report Maps API Decision Stage

Team member Comments

- Everyone: We all agree with Dar Report Maps API Decision Stage owner

Do we accept Location Recommendation LoR 1 (Get Recommendation)

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for Location Recommendation LoR 1

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept Location Recommendation LoR 2 (View Recommendation Details)

Jack	Y
Phong	Y

Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for Location Recommendation LoR 2

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept Location Recommendation LoR 3 (View Pin Details)

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for Location Recommendation LoR 3

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept Fix existing compiler warnings

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation (2 hrs) for Fix existing compiler warnings

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept Motivational Quote MQ 1

Jack	Y
Phong	N
Yoshiki	Y
Zarif	Y
Devin	Y

4 Yes/1 No: We will accept the current effort estimation for Motivational Quote MQ 1

Team member Comments

- Phong: Should've been 90-95% implemented in the prior sprint.

Do we accept RE1 Get LLI(3) Recommendation

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for RE1 Get LLI3 Recommendation

Team member Comments

- Everyone: We all agree with the estimate

Do we accept RE2 Add Recommended LLI(3)

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	N

4 Yes/1 No: We will accept the current effort estimation for RE1 Get LLI3 Recommendation

Team member Comments

- Everyone: Sounds good

Do we accept AWS Setup

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for AWS Setup

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept PN1 Write to the Personal Note

Jack	Y
Phong	Y
Yoshiki	Y

Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for PN1 Write to the Personal Note

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept PN2 Write to the Personal Note

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for PN1 Write to the Personal Note

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept PN3 Write to the Personal Note

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for PN1 Write to the Personal Note



Team member Comments

- Everyone: We all agree with our scrum master

Do we accept PN4 Write to the Personal Note

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for PN1 Write to the Personal Note

Team member Comments

- Everyone: We all agree with our scrum master

Do we accept LC1 View Calendar

Jack	Y
Phong	Y
Yoshiki	Y
Zarif	Y
Devin	Y

5 Yes/0 No: We will accept the current effort estimation for LC1 View Calendar

Team member Comments

- Everyone: We all agree with our scrum master

**Is Team Peace within our sprint capacity?**

Work Item	New Estimates
Dar Report Maps API Decision Stage	2
Fix existing compiler warnings	1
UM Library Lifelog User Back End	7
Registration	7
Motivational Quote MQ 1	5
Location Recommendation 1	15
Location Recommendation 2	10
Location Recommendation 3	5
RE1 Get LLI(3) Recommendation	30
AWS Setup	10
Personal Note Gold Plating	1
IGM1 Create Pins	16
IGM2 Delete Pins	7
IGM3 View Pin Details	10
LT1 View Tree	16
LT2 View Branch	16
LT3 Write PN	13
LT4 View PN	10
<b>Total</b>	104

$$131 - 104 = 16$$

We have 16 hours available, thus we are within our team's sprint capacity.

The extra hours will be spent implementing client feedback and helping team members

