

## **Sprint Planning for Sprint 14 - 3/30/2024**

- Interval: 4/1/2024 - 4/10/2024
- Changing standup meeting schedule: Stand up every Tuesday, Thursday, Friday
- Team Capacity (hours): 110

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

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

### **Individual Capacities:**

Jack	25
Phong	20
Yoshiki	35
Zarif	20
Devin	25
Total	120

### **Unavailable Days:**

Jack	4/7
Phong	4/7
Yoshiki	4/7
Zarif	4/7
Devin	4/7

### **Work From Backlog:**

Work Item	Effort Points (Hours)	Owner
Dar Report Maps API	4	Devin

Analysis & Response Stage		
Location Recommendation 1	15	Devin
Location Recommendation 2	10	Devin
Location Recommendation 3	5	Devin
Location Recommendation 4	5	Devin
AWS Setup	10	Devin
RE2	20?	Jack
RE Gold Plating	2	Jack
MM1	15	Jack
PN Gold Plating	2	Yoshiki
IGM1	15	Yoshiki
IGM2	3	Yoshiki
IGM3	3	Yoshiki
IGM4	5	Yoshiki
IGM5	5	Yoshiki
IGM6	1	Yoshiki
LT1	10	Zarif
LT2	10	Zarif
LT3	5	Zarif
LT4	5	Zarif
UF1	5	Phong
UF2	5	Phong

UF Gold Plating	2	Phong
Usage Analysis Dash	10	Phong

## Task Breakdown: Jack

### Work Item: RE2 Add Recommended LLI(3) (Internal Due Date: 4/9)

1. RE2 LLD (4 hours Assigned to : Jack)
  - a. Success (1 hours)
  - b. Unrecoverable Failures (1 hours)
  - c. Recoverable Failures (2 hours)
2. RE2 Test (5 hours Assigned to : Jack)
  - a. Success (2 hours)
  - b. Failure tests (2 hours)
  - c. Refactor testing (1 hours)
3. RE2 Functionality (3 hours Assigned to : Jack)
  - a. REManager method (1 hours)
  - b. REController (1 hours)
  - c. REService method (1 hours)
4. RE2 Front End (5 hours Assigned to : Jack)
  - a. REWebService (2 hours)
  - b. Dynamically populate html (2 hours)
  - c. Style to the best of my ability (1 hours)

New estimate for work item: 17 hrs

5 - 17 = -12 hrs remaining

I estimate that the work item will take 12 more hours than outlined in the project plan

### Work Item: RE Gold Plating (Internal Due Date: 4/9)

1. RE Gold Plating (2 hours Assigned to : Jack)

New estimate for work item: 2 hrs

2 - 2 = 0 hrs remaining

I estimate this work item will take two hours

### Work Item: MM1 (Internal Due Date: 4/9)

1. MM1 LLD (5 hours assigned to : Jack)

- a. Success (2 hours)
- b. Recoverable Failures (2 hours)
- c. Unrecoverable failures(1 hour)

New estimate for work item for sprint: 5hrs

I estimate that designing for MM1 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 (4 Hour, Assigned to Zarif)
  - a. Functionality Methods (3 hour)
  - b. Tests and WebService (1 hour)
- 4. Frontend Implementation (4 Hour, Assigned to Zarif)
  - a. Javascript for growing tree(3 hour)
  - b. HTML and CSS for general feature (1 hour)

New estimate for work item: 12 hrs

10 - 12 = -2 hrs remaining

I estimate that the work item will take 2 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 (4 Hour, Assigned to Zarif)
  - c. Functionality Methods (3 hour)
  - d. Tests and WebService (1 hour)
- 4. Frontend Implementation (4 Hour, Assigned to Zarif)
  - c. Javascript for displaying branch (3 hour)
  - d. HTML and CSS for branch (1 hour)

New estimate for work item: 12 hrs

10 - 12 = -2 hrs remaining

I estimate that the work item will take 2 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 (4 Hour, Assigned to Zarif)
  - e. Javascript for PN (2 hour)
  - f. HTML and CSS for PN (2 hour)

New estimate for work item: 11 hrs

5- 11= -6 hrs remaining

I estimate that the work item will take 6 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)
  - g. Javascript Creating PN (2 hour)
  - h. 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: 4/9)

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: 4/9)

1. Success LLD(2 hours, Assigned to: Devin)
2. Failure LLD(3 hours, Assigned to: Devin)
3. Implementation(6 hours, Assigned to: Devin)
4. Helper(1 hours, Assigned to: Devin)
5. Testing(3 hours, Assigned to: Devin)

Work Item: LoR2 View Recommendation Details (Internal Due Date: 4/9)

1. LLD(2 hours, Assigned to: Devin)
2. Implementation(4 hours, Assigned to: Devin)
3. Helper(1 hours, Assigned to: Devin)
4. Testing(3 hours, Assigned to: Devin)

Work Item: LoR3 View Pin Details (Internal Due Date: 4/9)

1. LLD(2 hours, Assigned to: Devin)
2. Implementation(2 hours, Assigned to: Devin)
3. Testing(1 hours, Assigned to: Devin)

Work Item: LoR4 View Geospatial map (Internal Due Date: 4/9)

1. LLD(2 hours, Assigned to: Devin)
2. Implementation(2 hours, Assigned to: Devin)
3. 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: 3/13)

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

**Yoshiki**

Work Item: PN Gold Plating (Internal Due Date: 4/3)

1. Front-end testing with cypress(1 hour, Assigned to: Yoshiki)

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

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

$$21 - 34 = -13 \text{ hrs}$$

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

## **Phong**

### Work Item: User Form UF 1(Create User Form) (Internal Due Date: 4/9)

- 1. UF 1 HTML/CSS Scripting (1.5 hours, Assigned to: Phong Cao)
- 2. UF 1 JavaScript (1 hours, Assigned to: Phong Cao)
- 3. UF 1 FrontEnd Testing (2 hours, Assigned to: Phong Cao)

New estimate for work item: 4.5 hrs

$$5 - 4.5 = 0.5 \text{ hrs remaining}$$

I estimate that the work item will take 0.5 hours less than its prior estimate

### Work Item: User Form UF 2(Edit User Form) (Internal Due Date: 4/9)

- 1. UF 2 HTML/CSS Scripting (1.5 hours, Assigned to: Phong Cao)
- 2. UF 2 JavaScript (1 hours: Assigned to: Phong Cao)
- 3. UF 2 Backend Implementation (1 hours: Assigned to: Phong Cao)
- 4. UF 2 FrontEnd Testing (1 hours, Assigned to: Phong Cao)

New estimate for work item: 4.5 hrs

$$5 - 4.5 = -0.5 \text{ hrs remaining}$$

I estimate that the work item will take 0.5 hours less than its prior estimate

### Work Item: UF Gold Plating (Internal Due Date: 4/9)

- 1. UF Gold Plating (1.5 hours, Assigned to: Phong Cao)

New estimate for work item: 1.5 hrs

$$2 - 1.5 = 0.5 \text{ hrs remaining}$$



I estimate that the work item will take 0.5 hours less than its prior estimate

Work Item: Usage Analysis Dashboard (Internal Due Date: 4/9)

1. UAD Data Model Design (1 hours, Assigned to: Phong Cao)
2. UAD Success Case LLD (1 hours, Assigned to: Phong Cao)
3. UAD Failure Case LLD (1 hours, Assigned to: Phong Cao)
4. UAD Backend Implementation (1 hours, Assigned to: Phong Cao)
5. UAD Tests Implementation (1 hours, Assigned to: Phong Cao)
6. UAD HTML/CSS Scripting (1 hours, Assigned to: Phong Cao)
7. 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

**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
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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	12
LT2 View Branch	12
LT3 Write PN	11
LT4 View PN	10
<b>Total</b>	104

$$120 - 104 = 16$$

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