

## Sprint Dates: 3/12 to 3/18

### Items to mention

- VP-4 and VP-5 are prioritized over VP-1, VP-2, and VP-3 due to them being direct dependencies for Service Log and Donate Your Car features

### Schedule

Member	3/12	3/13	3/14	3/15	3/16	3/17	3/18
Jason	2	2	2	4	4	2	0
Jesus	0	5	5	5	5	0	3
Vi	3	3	3	3	3	3	3
Gio	2	3	2	3	3	2	2
Rainier	0	4	2	4	2	2	3

### Team Capacity

Members	Hours Available
Jason	16
Jesus	23
Vi	21
Gio	17
Rainier	17
<b>Team Capacity (Total) =</b>	94

### Unavailable Days

Members	Unavailable Days	Reason
Jason	3/18	Attending class and Sprint Planning
Jesus	3/12, 3/18	Midterms + Break Day
Vi		
Gio		
Rainier	3/12	Studying for other class' midterm

## Task Breakdown

### Work Items Based on Product Backlog

Work Items	Effort Points (Hours)	Assigned Owners
Vehicle Profile DAR	1	Vi
Vehicle Marketplace DAR	4	Vi
User Direction DAR	4	Vi
Car News Center DAR	4	Vi
Vehicle Profile (VP - 4)	34	Rainier
Vehicle Profile (VP - 5)	34	Rainier
Security (SC - 1)	27	Jesus
Security (SC - 2)	32	Jesus
Security (SC - 3)	27	Jesus
Fleet Management (FM - 1)	89	Jesus
Fleet Management (FM - 2)	55	Jesus
Donate Your Car Peer Review	5	Vi
Service Log Peer Review	5	Rainier
Service Log (SL - 1)	40	Jason
Service Log (SL - 2)	40	Jason
Service Log (SL - 3)	40	Jason
Service Log (SL - 4)	40	Jason
Service Log (SL - 5)	60	Jason
Service Log (SL - 6)	30	Jason
Service Log (SL - 7)	30	Jason
Service Log (SL - 8)	70	Jason

Service Log (SL - 9)	40	Jason
Donate Your Car (DYC - 1)	9	Gio
Donate Your Car (DYC - 2)	9	Gio
Vehicle Marketplace (VPM-1)	55	Vi
Vehicle Marketplace (VPM-2)	34	Vi
Vehicle Marketplace (VPM-3)	55	Vi
Vehicle Marketplace (VPM-4)	55	Vi
Vehicle Marketplace (VPM-5)	55	Vi
Vehicle Marketplace (VPM-6)	34	Vi
Vehicle Marketplace (VPM-7)	55	Vi

### Vehicle Profile

- **Vehicle Profile (VP-4)**
  - 1. XUnit Test cases → **Rainier** → **7EP**
  - 2. Database Target Layer → Rainier → 1EP
    - Interfaces → Rainier → 1EP
    - Implementation
  - 3. Service Layer → Rainier → 1EP
    - Interfaces
    - Implementation
  - 4. Manager Layer → Rainier → 2EP
    - Interfaces
    - Implementation
  - 5. Entry Point → Rainier → 2EP
    - Implementation
- **Vehicle Profile (VP-5)**
  - 1. XUnit Test cases → **Rainier** → **7EP**
  - 2. Database Target Layer → Rainier → 1EP
    - Interfaces → Rainier → 1EP
    - Implementation
  - 3. Service Layer → Rainier → 1EP
    - Interfaces
    - Implementation

- |                  |           |       |
|------------------|-----------|-------|
| 4. Manager Layer | → Rainier | → 2EP |
| ■ Interfaces     |           |       |
| ■ Implementation |           |       |
| 5. Entry Point   | → Rainier | → 2EP |
| ■ Implementation |           |       |

## Security

- |   |         |                |
|---|---------|----------------|
| <b>1. Security (SC-1)</b>                     |         | <b>→ 17 EP</b> |
| 1. Success/Failure Cases for service layer    | → Jesus | → 5 EP         |
| 2. Success/Failure Cases for manager layer    | → Jesus | → 5 EP         |
| 3. Unit tests for service layer               | → Jesus | → 1 EP         |
| 4. Implementation for service layer and below | → Jesus | → 1.5 EP       |
| 5. Unit tests for manager layer               | → Jesus | → 1 EP         |
| 6. Implementation for manager layer and above | → Jesus | → 1.5 EP       |
| 7. Revision of full code                      | → Jesus | → 2 EP         |
| <b>2. Security (SC-2)</b>                     |         | <b>→ 17 EP</b> |
| 1. Success/Failure Cases for service layer    | → Jesus | → 5 EP         |
| 2. Success/Failure Cases for manager layer    | → Jesus | → 5 EP         |
| 3. Unit tests for service layer               | → Jesus | → 1 EP         |
| 4. Implementation for service layer and below | → Jesus | → 1.5 EP       |
| 5. Unit tests for manager layer               | → Jesus | → 1 EP         |
| 6. Implementation for manager layer and above | → Jesus | → 1.5 EP       |
| 7. Revision of full code                      | → Jesus | → 2 EP         |
| <b>3. Security (SC-3)</b>                     |         | <b>→ 17 EP</b> |
| 1. Success/Failure Cases for service layer    | → Jesus | → 5 EP         |
| 2. Success/Failure Cases for manager layer    | → Jesus | → 5 EP         |
| 3. Unit tests for service layer               | → Jesus | → 1 EP         |
| 4. Implementation for service layer and below | → Jesus | → 1.5 EP       |
| 5. Unit tests for manager layer               | → Jesus | → 1 EP         |
| 6. Implementation for manager layer and above | → Jesus | → 1.5 EP       |
| 7. Revision of full code                      | → Jesus | → 2 EP         |

## Service Log

- |  |         |               |
|--|---------|---------------|
| ● <b>Service Log (SL - 1)</b>          |         | <b>→ 5 EP</b> |
| 1. Update Database with SL - 1 Model   | → Jason | → 0.5 EP      |
| 2. Create Unit Tests for Service Layer | → Jason | → 2 EP        |
| 3. Create Model for SL - 1             | → Jason | → 0.5 EP      |
| 4. Service Layer Implementation        | → Jason | → 2 EP        |
| ● <b>Service Log (SL - 2)</b>          |         |               |
| 1. Update Database with SL - 1 Model   | → Jason | → 0.5 EP      |
| 2. Create Unit Tests for Service Layer | → Jason | → 2 EP        |
| 3. Create Model for SL - 1             | → Jason | → 0.5 EP      |
| 4. Service Layer Implementation        | → Jason | → 2 EP        |

- **Service Log (SL - 3)** → **5 EP**
  - 1. Update Database with SL - 1 Model → Jason → 0.5 EP
  - 2. Create Unit Tests for Service Layer → Jason → 2 EP
  - 3. Create Model for SL - 1 → Jason → 0.5 EP
  - 4. Service Layer Implementation → Jason → 2 EP
- **Service Log (SL - 4)**
  - 1. Update Database with SL - 1 Model → Jason → 0.5 EP
  - 2. Create Unit Tests for Service Layer → Jason → 2 EP
  - 3. Create Model for SL - 1 → Jason → 0.5 EP
  - 4. Service Layer Implementation → Jason → 2 EP
- **Service Log (SL - 5)**
  - 1. Create Success cases for LLD → Jason → 1 EP
  - 2. Create Fail cases for LLD → Jason → 1 EP
- **Service Log (SL - 6)**
  - 1. Create Success cases for LLD → Jason → 1 EP
  - 2. Create Fail cases for LLD → Jason → 1 EP
- **Service Log (SL - 7)**
  - 1. Create Success cases for LLD → Jason → 1 EP
  - 2. Create Fail cases for LLD → Jason → 1 EP
- **Service Log (SL - 8)**
  - 1. Create Success cases for LLD → Jason → 1 EP
  - 2. Create Fail cases for LLD → Jason → 1 EP
- **Service Log (SL - 9)**
  - 1. Create Success cases for LLD → Jason → 1 EP
  - 2. Create Fail cases for LLD → Jason → 1 EP
- **Peer Review** → Rainier → 3EP
  - 1. SL-1
  - 2. SL-2
  - 3. SL-3
  - 4. SL-4
  - 5. SL-5
  - 6. SL-6
  - 7. SL-7
  - 8. SL-8
  - 9. SL-9

### **Fleet Management**

- **Fleet Management (FM - 1)**
  - Create Success diagrams LLD → Jason → 1 EP
  - Create Failure diagrams LLD → Jason → 1 EP
- **Fleet Management (FM -1)**
  - Create Success diagrams LLD → Jason → 1 EP

○ Create Failure diagrams LLD	→ Jason	→ 1 EP
<b><u>Donate Your Car</u></b>		
● Donate Your Car (DYC-1)		
1. xUnit Testing	→ Giovanni	→EP 3
2. Database Layer	→ Giovanni	→EP 1
3. Service Layer	→ Giovanni	→EP 1
4. Manager Layer	→ Giovanni	→EP 1
5. Entrypoint Layer	→ Giovanni	→EP 1
6. Revising the code and design	→ Giovanni	→EP 2
● Donate Your Car (DYC-2)		
1. Front-End testing	→ Giovanni	→EP 3
2. JavaScript and HTML coding	→ Giovanni	→EP 4
3. Revising the code and design	→ Giovanni	→EP 2
● DYC Peer Review		
1. Jot down major positives and negatives	→ Jason	→ EP 1
2. Jot design recommendations	→ Jason	→ EP 1
3. Jot down testing recommendations	→ Jason	→ EP 1
4. Convert to draft	→ Jason	→ EP 2
<b>Vehicle Marketplace DAR</b>	→ Vi	→ 1EP
● Adjusting for approval	→ Vi	→ 1EP
<b>User Direction DAR</b>	→ Vi	→ 4EP
● Create test cases for metrics	→ Vi	→ 2EP
● Analyzing metrics for different services	→ Vi	→ 2EP
<b>Car News Center DAR</b>	→ Vi	→ 4EP
● Create test cases for metrics	→ Vi	→ 2EP
● Analyzing metrics for different services	→ Vi	→ 2EP
<b>Vehicle Marketplace (VPM-1)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-2)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-3)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-4)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-5)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-6)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP
<b>Vehicle Marketplace (VPM-7)</b>		
● Fail Cases Sequence Diagram	→ Vi	→ 3EP

BRD Adjustment for VPM

→ Vi

→ 1EP

## Task Distribution

Members	Hour // EP remaining	Tasks
Jason	16 - 30 - 4 = -18	<ul style="list-style-type: none"> <li>• SL - 1 (5)</li> <li>• SL - 2 (5)</li> <li>• SL - 3 (5)</li> <li>• SL - 4 (5)</li> <li>• SL - 5 (2)</li> <li>• SL - 6 (2)</li> <li>• SL - 7 (2)</li> <li>• SL - 8 (2)</li> <li>• SL - 9 (2)</li> <li>• FM - 1 (2)</li> <li>• FM - 2 (2)</li> </ul>
Jesus	23-17-17-17= -28	<p>Note: I do intend to get all tasks done</p> <ul style="list-style-type: none"> <li>• Security (SC- 1) <ul style="list-style-type: none"> <li>◦ All Tasks (17 EP)</li> </ul> </li> <li>• Security (SC- 2) <ul style="list-style-type: none"> <li>◦ All Tasks (17 EP)</li> </ul> </li> <li>• Security (SC- 3) <ul style="list-style-type: none"> <li>◦ All Tasks (17 EP)</li> </ul> </li> </ul>
Vi	21-21-9=-9	<ul style="list-style-type: none"> <li>• VPM-1 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-2 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-3 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-4 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-5 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-6 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VPM-7 <ul style="list-style-type: none"> <li>◦ LLD (3EP)</li> </ul> </li> <li>• VM-DAR - (1EP)</li> <li>• UD-DAR - (4EP)</li> <li>• CNC-DAR - (4EP)</li> </ul>

		<ul style="list-style-type: none"> <li>BRD Adjust - (1EP)</li> </ul>
Gio	$17 - 18 = -1$	<p><b>Donate Your Car (DYC - 1) (9)</b></p> <ul style="list-style-type: none"> <li>Create Unit tests (3 EP)</li> <li>Implementation (4 EP)</li> <li>Revision (2 EP) <ul style="list-style-type: none"> <li>Implementing fixes from peer review</li> </ul> </li> </ul> <p><b>Donate Your Car (DYC - 2) (9)</b></p> <ul style="list-style-type: none"> <li>Create Unit tests (3 EP)</li> <li>Implementation (4 EP)g <ul style="list-style-type: none"> <li>Writing the code for javascript and html if vehicle details are in local storage</li> </ul> </li> <li>Revision (2 EP) <ul style="list-style-type: none"> <li>Implementing fixes from peer review</li> </ul> </li> </ul>
Rainier	$17 - 7 - 7 - 3 = 0$	<p><b>Vehicle Profile</b></p> <ul style="list-style-type: none"> <li>VP-4 (7 EP)</li> <li>VP-5 (7 EP)</li> </ul> <p><b>Service Log</b></p> <ul style="list-style-type: none"> <li>Peer Review (3 EP)</li> </ul>

## Final Analysis

Do we accept the estimates for:

### Vehicle Profile DAR

Estimate: 1	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### Vehicle Marketplace DAR

Estimate: 4
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Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

#### **User Direction DAR**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

#### **Car News Center DAR**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

#### **Vehicle Profile (VP - 4)**

<b>Estimate: 7</b>	
Jason	Yes
Jesus	Yes
Vi	Yes

Gio	Yes
Rainier	Yes

**Vehicle Profile (VP - 5)**

<b>Estimate: 7</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Security (SC-1)**

<b>Estimate: 27</b>	
Jason	Yes
Jesus	No
Vi	Yes
Gio	Yes
Rainier	Yes

**Security (SC-2)**

<b>Estimate: 34</b>	
Jason	No
Jesus	No
Vi	Yes
Gio	Yes
Rainier	Yes

**Security (SC-3)**

<b>Estimate: 27</b>	
Jason	Yes
Jesus	No
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 1**

<b>Estimate: 5</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 2**

<b>Estimate: 5</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 3**

<b>Estimate: 5</b>	
Jason	Yes

Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 4**

Estimate: 5	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 5**

Estimate: 4	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Service Log SL - 6**

Estimate: 4	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes

Rainier	Yes
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### **Service Log SL - 7**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Service Log SL - 8**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Service Log SL - 9**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Service Log Peer Review**

<b>Estimate: 3</b>
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Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Donate Your Car Peer Review**

<b>Estimate: 5</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Donate Your Car DYC - 1**

<b>Estimate: 30</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Donate Your Car DYC - 2**

<b>Estimate: 30</b>	
Jason	Yes
Jesus	Yes
Vi	Yes

Gio	Yes
Rainier	Yes


#### **Vehicle Marketplace (VPM-1)- LLD**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

#### **Vehicle Marketplace (VPM-2)- LLD**

<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

#### **Vehicle Marketplace (VPM-3)- LLD**

<b>Estimate: 4</b>	
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Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Vehicle Marketplace (VPM-4)- LLD**

Estimate: 4	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Vehicle Marketplace (VPM-5)- LLD**

Estimate: 4	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Vehicle Marketplace (VPM-6)- LLD**

Estimate: 4	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

**Vehicle Marketplace (VPM-7)- LLD**



<b>Estimate: 4</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Gio	Yes
Rainier	Yes

### **Are we within our Sprint Capacity?**

<b>Work Item</b>	<b>New Estimate</b>
Vehicle Profile DAR	1
Vehicle Marketplace DAR	4
User Direction DAR	4
Car News Center DAR	4
Vehicle Profile (VP - 4)	7
Vehicle Profile (VP - 5)	7
Security (SC - 1)	17
Security (SC - 3)	17
Security (SC - 3)	17
Service Log Peer Review	5
Donate Your Car Peer Review	5
Vehicle Profile Peer Review	5

Service Log (SL - 1)	5
Service Log (SL - 2)	5
Service Log (SL - 3)	5
Service Log (SL - 4)	5
Service Log (SL - 5)	2
Service Log (SL - 6)	2
Service Log (SL - 7)	2
Service Log (SL - 8)	2
Service Log (SL - 9)	2
Vehicle Marketplace (VPM-1)	3
Vehicle Marketplace (VPM-2)	3
Vehicle Marketplace (VPM-3)	3
Vehicle Marketplace (VPM-4)	3
Vehicle Marketplace (VPM-5)	3
Vehicle Marketplace (VPM-6)	3
Vehicle Marketplace (VPM-7)	3
Donate Your Car (DYC - 1)	9
Donate Your Car (DYC - 2)	9
<b>TOTAL =</b>	162

**Will We Add More Work**

No, we will not add more work due to being over capacity.