

## Sprint Dates: 3/26 to 4/1

### Items to mention

### Schedule

Member	3/26	3/27	3/28	3/29	3/30	3/31
Jason	2	1	4	4	1	4
Jesus	0	3	3	3	3	0
Vi	3	3	3	3	3	3
Gio	3	3	3	0	3	0
Rainier	2	3	3	3	0	2

### Team Capacity

Members	Hours Available
Jason	16
Jesus	15
Vi	21
Gio	12
Rainier	13
<b>Team Capacity (Total) =</b>	74

### Unavailable Days

Members	Unavailable Days	Reason
Jason		
Jesus	3/26 3/31	School Day off
Vi		
Gio	3/29, 2/31	Good Friday , Easter day
Rainier	3/30	Work

## Task Breakdown

### Work Items Based on Product Backlog

Work Items	Effort Points (Hours)	Assigned Owners
User Direction DAR	2	Vi
Car News Center DAR	2	Vi
Vehicle Profile (VP - 1)	34	Rainier
Vehicle Profile (VP - 2)	34	Rainier
Vehicle Profile (VP - 3)	34	Rainier
Vehicle Profile (VP - 4)	34	Rainier
Vehicle Profile (VP - 5)	34	Rainier
Security	18	Various
Communication Establishment (CE) LLD	9	Gio
Project Plan/ BRD Changes Proposal	5	All Members
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
Inventory Management (IM-1)	34	Rainier
Inventory Management (IM-1)	34	Rainier

### Vehicle Profile

- **Vehicle Profile (VP-1)**

1. XUnit Test cases
2. Database Target Layer

→ **Rainier** → **8EP**

→ Rainier → 1EP

→ Rainier → 1EP

<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
3. Service Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
4. Manager Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
5. Entry Point	→ Rainier	→ 2EP
<ul style="list-style-type: none"> <li>■ Implementation</li> </ul>		
6. End-to-End Testing	→ Rainier	→ 2EP
● <b>Vehicle Profile (VP-2)</b>	→ <b>Rainier</b>	→ <b>8EP</b>
1. XUnit Test cases	→ Rainier	→ 1EP
2. Database Target Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
3. Service Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
4. Manager Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
5. Entry Point	→ Rainier	→ 2EP
<ul style="list-style-type: none"> <li>■ Implementation</li> </ul>		
6. End-to-End Testing	→ Rainier	→ 2EP
● <b>Vehicle Profile (VP-3)</b>	→ <b>Rainier</b>	→ <b>8EP</b>
1. XUnit Test cases	→ Rainier	→ 1EP
2. Database Target Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
3. Service Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
4. Manager Layer	→ Rainier	→ 1EP
<ul style="list-style-type: none"> <li>■ Interfaces</li> <li>■ Implementation</li> </ul>		
5. Entry Point	→ Rainier	→ 2EP
<ul style="list-style-type: none"> <li>■ Implementation</li> </ul>		
6. End-to-End Testing	→ Rainier	→ 2EP
● <b>Vehicle Profile (VP-4)</b>	→ <b>Rainier</b>	→ <b>4EP</b>

1. Entry Point	→ Rainier	→ 2EP
■ Implementation		
2. End-to-End Testing	→ Rainier	→ 2EP
● <b>Vehicle Profile (VP-5)</b>	→ <b>Rainier</b>	→ <b>4EP</b>
1. Entry Point	→ Rainier	→ 2EP
■ Implementation		
2. End-to-End Testing	→ Rainier	→ 2EP

### **Inventory Management**

● <b>Inventory Management (IM-1)</b>	→ <b>Rainier</b>	→ <b>2EP</b>
1. Low Level Design		
● Pass Scenario	→ Rainier	→ 1EP
● Fail Scenarios	→ Rainier	→ 1EP
● <b>Inventory Management (IM-2)</b>	→ <b>Rainier</b>	→ <b>2EP</b>
1. Low Level Design		
● Pass Scenario	→ Rainier	→ 1EP
● Fail Scenarios	→ Rainier	→ 1EP

### **Security**

● <b>Dynamic security view generation</b>	→ <b>Jason</b>	→ <b>3 EP</b>
1. Setting up basic “Get controller”	→ Jason	→ 1 EP
2. Setting up front end page	→ Jason	→ 1 EP
3. Implementing dynamic view generation	→ Jason	→ 1 EP
● <b>Middleware, and JWT implementation validation</b>	→ <b>Jesus</b>	→ <b>6 EP</b>
1. Validating implementation of CORS middleware	→ Jesus	→ 1 EP
2. Validating Generation of web tokens	→ Jesus	→ 2 EP
3. Validating Authorization function (Uses JWT)	→ Jesus	→ 1 EP
4. Validating remaining JWT functions	→ Jesus	→ 2 EP
● <b>Emailing service</b>	→ <b>Vi</b>	→ <b>3 EP</b>
1. Test cases	→ Vi	→ 2 EP
2. Email service	→ Vi	→ 1EP
● <b>All unit tests for Security service</b>	→ <b>Various</b>	→ <b>6 EP</b>
1. <= Service layer unit tests	→ Jason	→ 2 EP
2. Manager unit tests	→ Vi	→ 2 EP
3. Front end unit tests	→ Jesus	→ 2 EP

### **Service Log**

● <b>Service Log SL - 1</b>		
1. Create ServiceLogModel Class	→ Jason	→ 1 EP
2. Create ServiceLogDBTarget	→ Jason	→ 2 EP
3. Create ServiceLogService Class	→ Jason	→ 1 EP

4. Implement CreateServiceLog Method in class	→ Jason	→ 2 EP
● <b>Service Log LLD's</b>		
1. Create new success scenarios based on Peer Review Feedback		→ 2 EP
2. Create fail cases based on Peer Review feedback		→ 3 EP
<b><u>Communication Establishment (CE-1)</u></b>		
● LLD(pass/fail cases)	→ Gio	→ 3EP
<b><u>Communication Establishment (CE-2)</u></b>		
● LLD(pass/fail cases)	→ Gio	→ 3EP
<b><u>Communication Establishment (CE-3)</u></b>		
● LLD(pass/fail cases)	→ Gio	→ 3EP
<b><u>Vehicle Marketplace (VPM-1)</u></b>		
1. Test cases	→ Vi	→ 4EP
2. SqlMarketplaceTarget Create function		
a. Adjusting SQL command for UPDATE	→ Vi	→ 2EP
3. PostUploadService	→ Vi	→ 2EP
<b><u>Vehicle Marketplace (VPM-2)</u></b>		
1. Test cases	→ Vi	→ 5EP
2. SqlMarketplaceTarget Delete function	→ Vi	→ 5EP
3. PostDeleteService	→ Vi	→ 5EP
<b><u>Car News Center (CNC-1)</u></b>		
1. Sequence Diagrams		
● Pass	→ Vi	→ 1EP
● Fail	→ Vi	→ 2EP
<b><u>Car News Center (CNC-2)</u></b>		
1. Sequence Diagrams		
● Pass	→ Vi	→ 1EP
● Fail	→ Vi	→ 2EP
<b><u>Car News Center (CNC-3)</u></b>		
1. Sequence Diagrams		
● Pass	→ Vi	→ 1EP
● Fail	→ Vi	→ 2EP
<b><u>Communication Establishment Peer Review</u></b>	→ Jesus	→ 5 EP
1. Peer review completion	→ Jesus	→ 5 EP
<b><u>Project Plan/ BRD Changes Proposal</u></b>		
● Revision of Vi features	→ Vi	→ 1EP

- Revision of Jason features → Jason → 1EP
- Revision of Rainier's features → Rainier → 1EP
- Revision of Gio's features → Gio → 1EP
- Revision of Jesus's features → Jesus → 1EP
- Create Project Plan and BRD Proposal Document → Jason → 1 EP

## Task Distribution

Members	Hour // EP remaining	Tasks
Jason	16 - 5 - 6 - 5 = 0	<ul style="list-style-type: none"> <li>● <b>Project Plan and BRD Changes(1EP)</b> <ul style="list-style-type: none"> <li>○ Review BRD and make changes to my features(1EP)</li> <li>○ Create New Project Plan and BRD document 1 ep</li> </ul> </li> <li>● <b>Security</b> <ul style="list-style-type: none"> <li>○ <b>Dynamic security view generation 3 EP</b></li> </ul> </li> <li>● <b>Service Log SL - 1</b> <ul style="list-style-type: none"> <li>○ Create ServiceLogModel Class 1</li> <li>○ Create ServiceLogDBTarget 2</li> <li>○ Create ServiceLogService Class 1</li> <li>○ Implement CreateServiceLog Method in class 2</li> </ul> </li> <li>● <b>Service Log LLD's</b> <ul style="list-style-type: none"> <li>○ Create new success scenarios based on Peer Review Feedback → 2EP</li> <li>○ Create fail cases based on Peer Review feedback → 3 EP</li> </ul> </li> </ul>
Jesus	15 - 6 - 2 - 5 = 2	<p><b>Security JWT/Middleware → 6 EP</b></p> <ul style="list-style-type: none"> <li>● Part 1 → 1 EP</li> <li>● Part 2 → 2 EP</li> <li>● Part 3 → 1 EP</li> <li>● Part 4 → 2 EP</li> </ul> <p><b>Security Testing → 2 EP</b></p> <ul style="list-style-type: none"> <li>● Front end unit tests → 2 EP</li> </ul>

		<b>Communication Establishment Peer Review</b> <ul style="list-style-type: none"> <li>Peer Review → 5 EP</li> </ul>
Vi	18-4-8-15-9-3=-21	<ul style="list-style-type: none"> <li>UD-DAR - (2EP)</li> <li>CNC-DAR - (2EP)</li> </ul> <b>Vehicle Marketplace (VPM-1) (8EP)</b> <ul style="list-style-type: none"> <li>Test cases</li> <li>SqlMarketplaceTarget Create function</li> <li>PostUploadService</li> </ul> <b>Vehicle Marketplace (VPM-2) (15EP)</b> <ul style="list-style-type: none"> <li>Test cases</li> <li>SqlMarketplaceTarget Delete function</li> <li>PostDeleteService</li> </ul> <b>CNC(1,2,3) (9EP)</b> <ul style="list-style-type: none"> <li>LLD</li> </ul> <b>Security Mail Kit (3EP)</b>
Gio	12-28=-16	<b>Donate Your Car (DYC - 1) (9)</b> <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> <b>Donate Your Car (DYC - 2) (9)</b> <ul style="list-style-type: none"> <li>Create Unit tests (3 EP)</li> <li>Implementation (4 EP) <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> <b>CE(1,2,3)(9EP)</b> <ul style="list-style-type: none"> <li>LLD CE-1 <ul style="list-style-type: none"> <li>Pass (1.5EP)</li> <li>Fail (1.5EP)</li> </ul> </li> <li>LLD CE-2 <ul style="list-style-type: none"> <li>Pass (1.5EP)</li> <li>Fail (1.5EP)</li> </ul> </li> <li>LLD CE-3 <ul style="list-style-type: none"> <li>Pass (1.5EP)</li> <li>Fail (1.5EP)</li> </ul> </li> </ul>

		<b>Revision of Gio's features(1EP)</b> <ul style="list-style-type: none"> <li>Review BRD and make changes to my features(1EP)</li> </ul>
Rainier	$13 - (8 + 8 + 8 + 4 + 4 + 2 + 2 + ) = -24$	<b>Vehicle Profile</b> <ul style="list-style-type: none"> <li>VP-1 (8 EP)</li> <li>VP-2 (8 EP)</li> <li>VP-3 (8 EP)</li> <li>VP-4 (4 EP)</li> <li>VP-5 (4 EP)</li> </ul> <b>Inventory Management</b> <ul style="list-style-type: none"> <li>IM-1 (2 EP)</li> <li>IM-2 (2 EP)</li> </ul> <b>BRD Changes</b> <ul style="list-style-type: none"> <li>Revision of features in BRD (1EP)</li> </ul>

## Final Analysis

Do we accept the estimates for:

Project Plan/ BRD changes - EP: 6	
Jason	
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Communication Establishment LLD - EP: 9	
Jason	
Jesus	Yes



Vi	Yes
Rainier	Yes
Gio	Yes

<b>Donate Your Car (DYC-1)</b> <b>- EP: 9</b>	
Jason	
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

<b>Donate Your Car (DYC-2)</b> <b>- EP: 9</b>	
Jason	
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

<b>Vehicle Marketplace (VPM1)</b>	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Marketplace (VPM2)	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Car New Center (CNC1)	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Car New Center (CNC2)	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Security Task ( Mailkit) 3 EP	
Jason	Yes

Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Profile (VP1) - 8 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Profile (VP2) - 8 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Profile (VP3) - 8 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Profile (VP4) - 4 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Vehicle Profile (VP5) - 4 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Inventory Management (IM1) - 2 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

Inventory Management (IM2) - 2 EP	
Jason	Yes
Jesus	Yes

Vi	Yes
Rainier	Yes
Gio	Yes

Security Tasks 1 + 2 + 4 - 15 EP	
Jason	Yes
Jesus	Yes
Vi	Yes
Rainier	Yes
Gio	Yes

### Are we within our Sprint Capacity?

Work Item	New Estimate
Vehicle Profile (VP1)	8
Vehicle Profile (VP2)	8
Vehicle Profile (VP3)	8
Vehicle Profile (VP4)	4
Vehicle Profile (VP5)	4
Inventory Management (IM1)	2
Inventory Management (IM2)	2
Vehicle Marketplace (VPM1)	8
Vehicle Marketplace (VPM2)	15
Car New Center (CNC1) Sequence Diagram	3

Car New Center (CNC2) Sequence Diagram	3
Car New Center (CNC3) Sequence Diagram	3
UD DAR	2
CNC DAR	2
Security Task 1	3
Security Task 2	6
Security Task 3	3
Security Task 4	6
Service Log 1 and LLD	11
Communication Establishment LLDs	9
Communication Establishment Peer Review	5
Project/ BRD changes	6
<b>TOTAL =</b>	116

### **Will We Add More Work**

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