

## Sprint Dates: 4/16 to 4/22

### Items to mention

### Schedule

Member	4/16	4/17	4/18	4/19	4/20	4/21	4/22
Jason	0	3	3	0	3	3	0
Jesus	0	3	3	4	4	0	0
Vi	3	3	3	3	3	3	3
Gio	2	2	2	2	2	2	2
Rainier	0	3	3	3	0	2	3

### Team Capacity

Members	Hours Available
Jason	12
Jesus	14
Vi	21
Gio	14
Rainier	14
<b>Team Capacity (Total) =</b>	75

### Unavailable Days

Members	Unavailable Days	Reason
Jason	4/16, 4/22 4/19	Class Rest day
Jesus	4/21 4/16, 4/22	Rest Day Class
Vi		
Gio		

Rainier	4/16 4/20	Dental Appointment Work
---------	--------------	----------------------------

### Task Breakdown

#### Work Items Based on Product Backlog

Work Items	Effort Points (Hours)	Assigned Owners
Communication Establishment Peer Review	5	Jesus
Communication Establishment CE - 1	55	Gio
Communication Establishment CE - 2	55	Gio
Communication Establishment CE - 2	55	Gio
Inventory Management IM - 1	34	Rainier
Inventory Management IM - 2	34	Rainier
Car News Center Peer Review	2	Rainier
Car News Center CNC - 1	26	Vi
Car News Center CNC - 3	26	Vi
Vehicle Marketplace VPM - 1	16	Vi
Vehicle Marketplace VPM - 2	19	Vi
Vehicle Marketplace VPM - 3	20	Vi
Service Log SL - 1 – 4	40	Jason
User Admin. UA - 2	21	Jason
User Admin. UA - 3	21	Jason
Scrap Your Car Peer Review	2	Vi
Scrap Your Car SYC - 1	55	Jesus
Scrap Your Car SYC - 3	55	Jesus

Scrap Your Car SYC - 4	55	Jesus
Scrap Your Car SYC - 5	55	Jesus
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

### **Communication Establishment**

#### ● **Communication Establishment (CE-1)**

- |   |      |      |
|---|------|------|
| 1. Create UnitX test cases                  | →Gio | →4EP |
| 2. Create Service for sending request       | →Gio | →4EP |
| 3. Create Service for creating chat session | →Gio | →4EP |
| 4. Create Manager Layer function            | →Gio | →4EP |
| 5. Create Front End function                | →Gio | →3EP |
| 6. Create Endpoint function                 | →Gio | →2EP |

#### ● **Communication Establishment (CE-2)**

- |  |      |      |
|--|------|------|
| 1. Create UnitX test cases                   | →Gio | →4EP |
| 2. Create Service for managing chat sessions | →Gio | →4EP |
| 3. Create Manager Layer function             | →Gio | →4EP |
| 4. Create Front End function                 | →Gio | →3EP |
| 5. Create Endpoint function                  | →Gio | →2EP |

#### ● **Communication Establishment (CE-3)**

- |   |      |      |
|---|------|------|
| 1. Create UnitX test cases                | →Gio | →4EP |
| 2. Create Service for confirm/cancel sell | →Gio | →4EP |
| 3. Create Manager Layer function          | →Gio | →4EP |
| 4. Create Front End function              | →Gio | →3EP |
| 5. Create Endpoint function               | →Gio | →2EP |

### **Vehicle Profile**

#### ● **Vehicle Profile (VP-1)**

- |                     |           |       |
|---------------------|-----------|-------|
| 1. XUnit Test cases | → Rainier | → 1EP |
| 2. Manager Layer    | → Rainier | → 1EP |
| ■ Interfaces        |           |       |
| ■ Implementation    |           |       |
| 3. Entry Point      | → Rainier | → 2EP |

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

### **Inventory Management**

● <b>Inventory Management (IM-1)</b>	→ <b>Rainier</b>	→ <b>9EP</b>
1. XUnit Tests	→ Rainier	→ 1EP
2. Manager Layer	→ Rainier	→ 2EP
<ul style="list-style-type: none"> <li>● Interfaces</li> <li>● Implementation</li> </ul>		
3. Entry Point	→ Rainier	→ 2EP
4. End-to-End Testing	→ Rainier	→ 2EP
● <b>Inventory Management (IM-2)</b>	→ <b>Rainier</b>	→ <b>9EP</b>
1. XUnit Tests	→ Rainier	→ 1EP
2. Manager Layer	→ Rainier	→ 2EP
<ul style="list-style-type: none"> <li>● Interfaces</li> <li>● Implementation</li> </ul>		
3. Entry Point	→ Rainier	→ 2EP
4. End-to-End Testing	→ Rainier	→ 2EP

### **Car News Center**

● <b>Car News Center Peer Review</b>	→ <b>Rainier</b>	→ <b>2EP</b>
--------------------------------------	------------------	--------------

- **Car News Center (CNC-1)**
  - XUnit Tests → Vi → 1EP
    - Implementation
  - Manager Layer → Vi → 1EP
    - Interfaces
    - Implementation
  - Entry Point → Vi → 5EP
  - End-to-End Testing → Vi → 2EP
  - Front end → Vi → 7EP
  - Front-end testing → Vi → 3EP
- **Car News Center (CNC-3)**
  - XUnit Tests → Vi → 2EP
    - Implementation
  - Manager Layer → Vi → 1EP
    - Interfaces
    - Implementation
  - Entry Point → Vi → 5EP
  - End-to-End Testing → Vi → 2EP
  - Front end → Vi → 7EP
  - Front-end testing → Vi → 3EP
- **Vehicle Marketplace (VPM-1)**
  - XUnit Tests → Vi → 2EP
    - Implementation
  - Entry Point → Vi → 5EP
  - End-to-End Testing → Vi → 2EP
  - Front end → Vi → 7EP
  - Front-end testing → Vi → 3EP
- **Vehicle Marketplace (VPM-2)**
  - XUnit Tests → Vi → 2EP
    - Implementation
  - Entry Point → Vi → 5EP
  - End-to-End Testing → Vi → 2EP
  - Front end → Vi → 7EP
  - Front-end testing → Vi → 3EP
- **Vehicle Marketplace (VPM-3)**
  - XUnit Tests → Vi → 2EP
    - Implementation
  - Manager Layer → Vi → 1EP
    - Interfaces
    - Implementation

- |                      |            |
|----------------------|------------|
| ○ Entry Point        | → Vi → 5EP |
| ○ End-to-End Testing | → Vi → 2EP |
| ○ Front end          | → Vi → 7EP |
| ○ Front-end testing  | → Vi → 3EP |

### **Scrap Your Car**

- |   |                |                  |
|---|----------------|------------------|
| ● <b>Scrap Your Car (SYC-1)</b>         | → <b>Jesus</b> | → <b>47 EP</b>   |
| 1. Designing <= Service Layer           | → Jesus        | → 8              |
| 2. Designing Manager/Entry Point        | → Jesus        | → 8              |
| 3. Designing Front end                  | → Jesus        | → 5              |
| 4. XUnit Tests implementation           | → Jesus        | → 5              |
| 5. <= Service Layer implementation      | → Jesus        | → 8              |
| 6. Manager + Entry Point implementation | → Jesus        | → 8              |
| 7. End-to-End Testing                   | → Jesus        | → 5              |
| ● <b>Scrap Your Car (SYC - 2)</b>       | → <b>Jesus</b> | → <b>Removed</b> |
| ● <b>Scrap Your Car (SYC - 3)</b>       | → <b>Jesus</b> | → <b>26 EP</b>   |
| 1. Designing <= Service Layer           | → Jesus        | → 5              |
| 2. Designing Manager/Entry Point        | → Jesus        | → 5              |
| 3. Designing Front end                  | → Jesus        | → 2              |
| 4. XUnit Tests implementation           | → Jesus        | → 2              |
| 5. <= Service Layer implementation      | → Jesus        | → 5              |
| 6. Manager + Entry Point implementation | → Jesus        | → 5              |
| 7. End-to-End Testing                   | → Jesus        | → 2              |
| ● <b>Scrap Your Car (SYC - 4)</b>       | → <b>Jesus</b> | → <b>26 EP</b>   |
| 1. Designing <= Service Layer           | → Jesus        | → 5              |
| 2. Designing Manager/Entry Point        | → Jesus        | → 5              |
| 3. Designing Front end                  | → Jesus        | → 2              |
| 4. XUnit Tests implementation           | → Jesus        | → 2              |
| 5. <= Service Layer implementation      | → Jesus        | → 5              |
| 6. Manager + Entry Point implementation | → Jesus        | → 5              |
| 7. End-to-End Testing                   | → Jesus        | → 2              |
| ● <b>Scrap Your Car (SYC - 5)</b>       | → <b>Jesus</b> | → <b>26 EP</b>   |
| 1. Designing <= Service Layer           | → Jesus        | → 5              |
| 2. Designing Manager/Entry Point        | → Jesus        | → 5              |
| 3. Designing Front end                  | → Jesus        | → 2              |
| 4. XUnit Tests implementation           | → Jesus        | → 2              |
| 5. <= Service Layer implementation      | → Jesus        | → 5              |
| 6. Manager + Entry Point implementation | → Jesus        | → 5              |
| 7. End-to-End Testing                   | → Jesus        | → 2              |
| ● <b>Scrap Your Car (SYC - 6)</b>       | → <b>Jesus</b> | → <b>26 EP</b>   |
| 1. Designing <= Service Layer           | → Jesus        | → 5              |

2. Designing Manager/Entry Point	→ Jesus	→ 5
3. Designing Front end	→ Jesus	→ 2
4. XUnit Tests implementation	→ Jesus	→ 2
5. <= Service Layer implementation	→ Jesus	→ 5
6. Manager + Entry Point implementation	→ Jesus	→ 5
7. End-to-End Testing	→ Jesus	→ 2

### Service Log

• <b>Service Log SL 1 – 4</b>	→ <b>Jason</b>	→ <b>9</b>
1. Implement Unit testing	→ Jason	→ 3
2. Implement Sql Target	→ Jason	→ 3
3. Implement Service Layer	→ Jason	→ 3

### User Administration

• <b>UA - 2</b>	→ <b>Jason</b>	→ <b>3</b>
1. Creating Sequence diagram	→ Jesus	→ 2
2. Reviewing diagram with client	→ Jason	→ 1
• <b>UA - 3</b>	→ <b>Jason</b>	→ <b>3</b>
1. Creating Sequence diagram	→ Jesus	→ 2
2. Reviewing diagram with client	→ Jason	→ 1

### **Task Distribution**

Members	Hour // EP remaining	Tasks
Jason	12 - 15 = -3	<ul style="list-style-type: none"> <li>• <b>Service Log SL 1 – 4</b> <ul style="list-style-type: none"> <li>○ Implement Unit testing</li> <li>○ Implement Sql Target</li> <li>○ Implement Service Layer</li> </ul> </li> <li>• <b>UA - 2</b> <ul style="list-style-type: none"> <li>○ Creating Sequence diagram</li> <li>○ Reviewing diagram with client</li> </ul> </li> <li>• <b>UA - 3</b> <ul style="list-style-type: none"> <li>○ Creating Sequence diagram</li> <li>○ Reviewing diagram with client</li> </ul> </li> </ul>
Jesus	14 - 69 - 5 = - 63	<ul style="list-style-type: none"> <li>• <b>SCY-1/3/4/5/6 (69 EP)</b> <ul style="list-style-type: none"> <li>○ 1 (Design Service &lt;=) (28 EP)</li> <li>○ 2 (Design Manager + EP) (28 EP)</li> <li>○ 3 (Design FE) (13 EP)</li> </ul> </li> <li>• <b>CE Peer Review (5 EP)</b></li> </ul>

Vi	21 - 107 = -86	<ul style="list-style-type: none"> <li>● <b>SC2 Testing</b></li> <li>● <b>Car News Center (CNC-1) (26)</b> <ul style="list-style-type: none"> <li>○ XUnit Tests (2EP)</li> <li>○ Sql Target Layer (2EP)</li> <li>○ Service Layer (2EP)</li> <li>○ Manager Layer (3EP)</li> <li>○ Entry Point (5EP)</li> <li>○ End-to-End Testing (2EP)</li> <li>○ Front end (7EP)</li> <li>○ Front-end testing (3EP)</li> </ul> </li> <li>● <b>Car News Center (CNC-3) (26)</b> <ul style="list-style-type: none"> <li>○ XUnit Tests (3EP)</li> <li>○ Sql Target Layer (2EP)</li> <li>○ Service Layer (2EP)</li> <li>○ Manager Layer (3EP)</li> <li>○ Entry Point (5EP)</li> <li>○ End-to-End Testing (2EP)</li> <li>○ Front end (7EP)</li> <li>○ Front-end testing (3EP)</li> </ul> </li> <li>● <b>Vehicle Marketplace (VPM1) (16)</b> <ul style="list-style-type: none"> <li>○ XUnit Tests (2EP)</li> <li>○ Entry Point (5EP)</li> <li>○ End-to-End Testing (2EP)</li> <li>○ Front end (7EP)</li> <li>○ Front-end testing (3EP)</li> </ul> </li> <li>● <b>Vehicle Marketplace (VPM2) (19)</b> <ul style="list-style-type: none"> <li>○ XUnit Tests (2EP)</li> <li>○ Entry Point (5EP)</li> <li>○ End-to-End Testing (2EP)</li> <li>○ Front end (7EP)</li> <li>○ Front-end testing (3EP)</li> </ul> </li> <li>● <b>Vehicle Marketplace (VPM3) (20)</b> <ul style="list-style-type: none"> <li>○ XUnit Tests (2EP)</li> <li>○ Manager Layer (1EP)</li> <li>○ Entry Point (5EP)</li> <li>○ End-to-End Testing (2EP)</li> <li>○ Front end (7EP)</li> <li>○ Front-end testing (3EP)</li> </ul> </li> </ul>
Gio	14-55=-41	<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> <p><b>Donate Your Car (DYC - 2) (8)</b></p> <ul style="list-style-type: none"> <li>● Create Unit tests (2 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> <p><b>CE Coding(55EP)</b></p> <ul style="list-style-type: none"> <li>● CE-1 <ul style="list-style-type: none"> <li>○ Create UnitX test cases (4EP)</li> <li>○ Create Service for sending request(4EP)</li> <li>○ Create Service for creating chat session(4EP)</li> <li>○ Create Manager Layer function(4EP)</li> <li>○ Create Front End function(3EP)</li> <li>○ Create Endpoint function(2EP)</li> </ul> </li> <li>● CE-2 <ul style="list-style-type: none"> <li>○ Create UnitX test cases (4EP)</li> <li>○ Create Service for managing chat sessions(4EP)</li> <li>○ Create Manager Layer function(4EP)</li> <li>○ Create Front End function(3EP)</li> <li>○ Create Endpoint function(2EP)</li> </ul> </li> <li>● CE-3 <ul style="list-style-type: none"> <li>○ Create UnitX test cases (4EP)</li> <li>○ Create Service for confirm/cancel sell(4EP)</li> <li>○ Create Manager Layer function(4EP)</li> <li>○ Create Front End function(3EP)</li> <li>○ Create Endpoint function(2EP)</li> </ul> </li> </ul>
--	--	---

Rainier	$14 - (6 + 6 + 6 + 2 + 2 + 9 + 9 + 2) = -28$	<b>Vehicle Profile</b> <ul style="list-style-type: none"> <li>• VP-1 (6)</li> <li>• VP-2 (6)</li> <li>• VP-3 (6)</li> <li>• VP-4 (2)</li> <li>• VP-5 (2)</li> </ul> <b>Inventory Management</b> <ul style="list-style-type: none"> <li>• IM-1 (9)</li> <li>• IM-2 (9)</li> </ul> <b>Car News Center</b> <ul style="list-style-type: none"> <li>• Peer Review (2)</li> </ul>
---------	--	---

## Final Analysis

Do we accept the estimates for:

### Car News Center

Car News Center (CNC1) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center (CNC3) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Vehicle Marketplace (VPM1) 16	
Jason	Yes

Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Vehicle Marketplace (VPM2) 19</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Vehicle Marketplace (VPM3) 20</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Car News Center (Peer Review) - 2</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

**Vehicle Profile**

<b>Vehicle Profile (VP1) - 6</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Vehicle Profile (VP2) - 6</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Vehicle Profile (VP3) - 6</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Vehicle Profile (VP4) - 2</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes

Vi	Yes
Rainier	Yes

<b>Vehicle Profile (VP5) - 2</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

### **Inventory Management**

<b>Inventory Management (IM1) - 9</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Inventory Management (IM2) - 9</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

### **Scrap your Car**

<b>Scrap Your Car (SYC - 1) - 47</b>
--------------------------------------

Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Scrap Your Car (SYC - 3) - 26</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Scrap Your Car (SYC - 4) - 26</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Scrap Your Car (SYC -5) - 26</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes

Vi	Yes
Rainier	Yes

<b>Scrap Your Car (SYC - 6) - 26</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

### **Communication Establishment**

<b>Communication Establishment (CE - 1) - 21</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Communication Establishment (CE - 2) - 17</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>Communication Establishment (CE - 3) - 17</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

### **Service Log**

<b>Service Log (SL 1- 4) - 9</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

### **User Administration**

<b>User Administration (UA - 1) - 3</b>	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

<b>User Administration (UA - 2) - 3</b>	
Jason	Yes
Jesus	Yes



Giovanni	Yes
Vi	Yes
Rainier	Yes

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

<b>Work Item</b>	<b>New Estimate</b>
Communication Establishment CE - 1	21
Communication Establishment CE - 2	17
Communication Establishment CE - 2	17
Inventory Management IM - 1	9
Inventory Management IM - 2	9
Car News Center Peer Review	2
Car News Center CNC - 1	19
Car News Center CNC - 3	20
Vehicle Marketplace VPM - 1	19
Vehicle Marketplace VPM - 2	19
Vehicle Marketplace VPM - 3	21
Service Log SL 1 – 4	9
User Admin. UA - 2	3
User Admin. UA - 3	3
Scrap Your Car Peer Review	2
Scrap Your Car SYC - 1	47
Scrap Your Car SYC - 3	26
Scrap Your Car SYC - 4	26

Scrap Your Car SYC - 5	26
Scrap Your Car SYC - 6	26
Vehicle Profile VP - 1	6
Vehicle Profile VP - 2	6
Vehicle Profile VP - 3	6
Vehicle Profile VP - 4	2
Vehicle Profile VP - 5	2
Total	363

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

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