Sprint Dates: 4/9 to 4/15

Items to mention

Schedule

Member	4/9	4/10	4/11	4/12	4/13	4/14	4/15
Jason	4	1	4	4	3	3	3
Jesus	4	4	4	4	6	6	0
Vi	4	4	4	4	4	4	4
Gio	4	4	1	4	4	2	3
Rainier	4	2	4	4	0	2	3

Team Capacity

Members	Hours Available
Jason	22
Jesus	28
Vi	28
Gio	22
Rainier	19
Team Capacity (Total) =	115

Unavailable Days

Members	Unavailable Days	Reason
Jason		
Jesus	4/15	Rest Day
Vi		
Gio		
Rainier	4/13	Work

Task Breakdown
Work Items Based on Product Backlog

Work Items	Effort Points (Hours)	Assigned Owners
Security SC - 2	32	Vi, Jesus
Security SC - 4	21	Jesus
Security SC - 3	27	Jesus
Security SC - 5	21	Jesus
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 Peer Review	5	Jason
Inventory Management IM - 1	34	Rainier
Inventory Management IM - 2	34	Rainier
Car News Center Peer Review	2	Rainier
Car News Center CNC - 1	34	Vi
Car News Center CNC - 2	55	Vi
Car News Center CNC - 3	34	Vi
Car News Center CNC - 4	34	Vi
Car News Center CNC - 5	34	Vi
Car News Center CNC - 6	34	Vi
Car News Center CNC - 7	34	Vi

Car Health Rating Peer Review	5	Gio
Car Health Rating CHR - 1	34	Jason
Car Health Rating CHR - 2	55	Jason
Scrap Your Car Peer Review	2	Vi
Scrap Your Car SYC - 1	55	Jesus
Scrap Your Car SYC - 2	Removed	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)**   **→ Rainier**   **→ 6EP**
    1. XUnit Test cases   → Rainier   → 1EP
    2. Manager Layer   → Rainier   → 1EP
        - Interfaces
        - Implementation
    3. Entry Point   → Rainier   → 2EP
        - Implementation
    4. End-to-End Testing   → Rainier   → 2EP
- **Vehicle Profile (VP-2)**   **→ Rainier**   **→ 6EP**
    1. XUnit Test cases   → Rainier   → 1EP
    2. Manager Layer   → Rainier   → 1EP
        - Interfaces
        - Implementation
    3. Entry Point   → Rainier   → 2EP
        - Implementation
    4. End-to-End Testing   → Rainier   → 2EP
- **Vehicle Profile (VP-3)**   **→ Rainier**   **→ 6EP**
    1. XUnit Test cases   → Rainier   → 1EP
    2. Manager Layer   → Rainier   → 1EP
        - Interfaces
        - Implementation
    3. Entry Point   → Rainier   → 2EP
        - Implementation
    4. End-to-End Testing   → Rainier   → 2EP
- **Vehicle Profile (VP-4)**   **→ Rainier**   **→ 2EP**
    1. End-to-End Testing   → Rainier   → 2EP
- **Vehicle Profile (VP-5)**   **→ Rainier**   **→ 2EP**
    1. End-to-End Testing   → Rainier   → 2EP

Inventory Management

- **Inventory Management (IM-1)**   **→ Rainier**   **→ 9EP**
    1. XUnit Tests   → Rainier   → 1EP
        - Implementation
    2. Sql Target Layer   → Rainier   → 1EP
        - Interfaces

- Implementation
3. Service Layer   → Rainier   → 1EP
    - Interfaces
    - Implementation
4. Manager Layer   → Rainier   → 2EP
    - Interfaces
    - Implementation
5. Entry Point   → Rainier   → 2EP
6. End-to-End Testing   → Rainier   → 2EP
- **Inventory Management (IM-2)**   **→ Rainier**   **→ 9EP**
    1. XUnit Tests   → Rainier   → 1EP
        - Implementation
    2. Sql Target Layer   → Rainier   → 1EP
        - Interfaces
        - Implementation
    3. Service Layer   → Rainier   → 1EP
        - Interfaces
        - Implementation
    4. Manager Layer   → Rainier   → 2EP
        - Interfaces
        - Implementation
    5. Entry Point   → Rainier   → 2EP
    6. End-to-End Testing   → Rainier   → 2EP
- **Inventory Management Peer Review**   → Jason   → 2EP

Car News Center

- **Car News Center Peer Review**   **→ Rainier**   **→ 2EP**
- **Car News Center (CNC-1)**
    - XUnit Tests   → Vi   → 3EP
        - Implementation
    - Sql Target Layer   → Vi   → 2EP
        - Interfaces
        - Implementation
    - Service Layer   → Vi   → 2EP
        - Interfaces
        - Implementation
    - Manager Layer   → Vi   → 3EP
        - 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-2)**
  - ○ XUnit Tests   → Vi   → 3EP
    - Implementation
  - ○ Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Service Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Manager Layer   → Vi   → 3EP
    - 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   → 3EP
    - Implementation
  - ○ Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Service Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Manager Layer   → Vi   → 3EP
    - 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-4)**
  - ○ XUnit Tests   → Vi   → 3EP
    - Implementation
  - ○ Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Service Layer   → Vi   → 2EP

- Interfaces
- Implementation
  - Manager Layer   → Vi   → 3EP
    - 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-5)**
  - XUnit Tests   → Vi   → 3EP
    - Implementation
  - Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - Service Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - Manager Layer   → Vi   → 3EP
    - 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-6)**
  - XUnit Tests   → Vi   → 3EP
    - Implementation
  - Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - Service Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - Manager Layer   → Vi   → 3EP
    - 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-7)**
  - ○ XUnit Tests   → Vi   → 3EP
    - Implementation
  - ○ Sql Target Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Service Layer   → Vi   → 2EP
    - Interfaces
    - Implementation
  - ○ Manager Layer   → Vi   → 3EP
    - Interfaces
    - Implementation
  - ○ Entry Point   → Vi   → 5EP
  - ○ End-to-End Testing   → Vi   → 2EP
  - ○ Front end   → Vi   → 7EP
  - ○ Front-end testing   → Vi   → 3EP

Scrap Your Car

- **Scrap Your Car (SYC-1)**   **→ Jesus**   **→ 47 EP**
  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
- **Scrap Your Car (SYC - 2)**   **→ Jesus**   **→ Removed**
- **Scrap Your Car (SYC - 3)**   **→ Jesus**   **→ 26 EP**
  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
- **Scrap Your Car (SYC - 4)**   **→ Jesus**   **→ 26 EP**
  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

- **Scrap Your Car (SYC - 5)** → **Jesus** → **26 EP**
    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
- **Scrap Your Car (SYC - 6)** → **Jesus** → **26 EP**
    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

Car Health Rating

- **Car Health Rating Peer Review** → Gio → 5

- **Car Health Rating CHR - 1**
    - **CHR -1 LLD** → **Jason** → **2**
        1. Create success scenarios → Jason → .5
        2. Create failure scenarios → Jason → .5
        3. Create Veretebelo/ ERD Diagram → Jason → .5
        4. Create class diagrams → Jason → .5
    - **CHR - 1 Back - End** → **Jason** → **12**
        1. Create X-unit tests for Service layer → Jason → 2
        2. Create X-Unit tests for Manager layer → Jason → 2
        3. Implementation of Sql target → Jason → 2
        4. Implementation of microservice → Jason → 1
        5. Implementation of manager layer → Jason → 2
        6. Revision based on test results (Debugging) → Jason → 3
    - **CHR - 1 Front - End** → **Jason** → **13**
        1. Implementation of CHR Controller → Jason → 2
        2. CHR testing with Swagger → Jason → 1
        3. Generating Front - End view → Jason → 3

4. Implementing front - end checks → Jason → 1
5. Implement Front - End testings → Jason → 4
6. Creation of CHR Front - End tests → Jason → 2

- **Car Health Rating CHR - 2**
  - **CHR - 2 LLD** **→ Jason** **→ 2**
    1. Create success scenarios → Jason → .5
    2. Create failure scenarios → Jason → .5
    3. Create Veretebelo/ ERD Diagram → Jason → .5
    4. Create class diagrams → Jason → .5
  - **CHR - 2 Back - End** **→ Jason** **→ 12**
    1. Create X-unit tests for Service layer → Jason → 2
    2. Create X-Unit tests for Manager layer → Jason → 2
    3. Implementation of Sql target → Jason → 2
    4. Implementation of microservice → Jason → 1
    5. Implementation of manager layer → Jason → 2
    6. Revision based on test results (Debugging) → Jason → 3
  - **CHR - 2 Front - End** **→ Jason** **→ 13**
    1. Implementation of CHR Controller → Jason → 2
    2. CHR testing with Swagger → Jason → 1
    3. Generating Front - End view → Jason → 3
    4. Implementing front - end checks → Jason → 1
    5. Implement Front - End testings → Jason → 4
    6. Creation of CHR Front - End tests → Jason → 2

Task Distribution

Members	Hour // EP remaining	Tasks

Jason	22 - (27 * 2) + 2 = 56	• Car Health Rating
		  ○ CHR - 1 (27)
		  ○ CHR - 2 (27)
		• IM Peer Review (2)

Jesus	28 - 151 - 2 = -125	• Scrap Your Car (SYC) (151 EP) • Communication Establishment Peer Review (2 EP)
Vi	28 - 27(7) = 189 - 28 = 161	• **SC2 Testing** • **Car News Center (CNC-1) (27)**

| | | ○ XUnit Tests (3EP) ○ Sql Target Layer (2EP) ○ Service Layer (2EP) ○ Manager Layer (3EP) ○ Entry Point (5EP) ○ End-to-End Testing (2EP) ○ Front end (7EP) ○ Front-end testing (3EP) ● **Car News Center (CNC-2) (27)** ○ XUnit Tests (3EP) ○ Sql Target Layer (2EP) ○ Service Layer (2EP) ○ Manager Layer (3EP) ○ Entry Point (5EP) ○ End-to-End Testing (2EP) ○ Front end (7EP) ○ Front-end testing (3EP) ● **Car News Center (CNC-3) (27)** ○ XUnit Tests (3EP) ○ Sql Target Layer (2EP) ○ Service Layer (2EP) ○ Manager Layer (3EP) ○ Entry Point (5EP) ○ End-to-End Testing (2EP) ○ Front end (7EP) ○ Front-end testing (3EP) ● **Car News Center (CNC-4) (27)** ○ XUnit Tests (3EP) ○ Sql Target Layer (2EP) ○ Service Layer (2EP) ○ Manager Layer (3EP) ○ Entry Point (5EP) ○ End-to-End Testing (2EP) ○ Front end (7EP) ○ Front-end testing (3EP) ● **Car News Center (CNC-5) (27)** ○ XUnit Tests (3EP) ○ Sql Target Layer (2EP) ○ Service Layer (2EP) ○ Manager Layer (3EP) |

		○ Entry Point (5EP)
		  ○ End-to-End Testing (2EP)
		  ○ Front end (7EP)
		  ○ Front-end testing (3EP)
		 ● **Car News Center (CNC-6) (27)**
		  ○ XUnit Tests (3EP)
		  ○ Sql Target Layer (2EP)
		  ○ Service Layer (2EP)
		  ○ Manager Layer (3EP)
		  ○ Entry Point (5EP)
		  ○ End-to-End Testing (2EP)
		  ○ Front end (7EP)
		  ○ Front-end testing (3EP)
		 ● **Car News Center (CNC-7) (27)**
		  ○ XUnit Tests (3EP)
		  ○ Sql Target Layer (2EP)
		  ○ Service Layer (2EP)
		  ○ Manager Layer (3EP)
		  ○ Entry Point (5EP)
		  ○ End-to-End Testing (2EP)
		  ○ Front end (7EP)
		  ○ Front-end testing (3EP)

Gio	22 -55 -8 =-41	**Donate Your Car (DYC - 1) (9)**
		 ● Create Unit tests (3 EP)
		 ● Implementation (4 EP)
		 ● Revision (2 EP)
		  ○ Implementing fixes from peer review
		Donate Your Car (DYC - 2) (8)
		 ● Create Unit tests (2 EP)
		 ● Implementation (4 EP)
		  ○ Writing the code for javascript and html if vehicle details are in local storage
		 ● Revision (2 EP)
		  ○ Implementing fixes from peer review
		CE Coding(55EP)
		 ● CE-1

Final Analysis
Do we accept the estimates for:

Car Health Rating (CHR - 1) - 27

Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car Health Rating (CHR - 2) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car Health Rating Peer Review - 2	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center

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

Vi	Yes
Rainier	Yes

Car News Center (CNC2) - 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

Car News Center (CNC4) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center (CNC5) - 27	
Jason	Yes
Jesus	Yes

Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center (CNC6) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center (CNC7) - 27	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Car News Center (Peer Review) - 2	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Vehicle Profile

Vehicle Profile (VP1) - 6

Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Vehicle Profile (VP2) - 6	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Vehicle Profile (VP3) - 6	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Vehicle Profile (VP4) - 2	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes

Rainier	Yes

Vehicle Profile (VP5) - 2	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Inventory Management

Inventory Management (IM1) - 18	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Inventory Management (IM2) - 18	
Jason	Yes
Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Inventory Management (Peer Review) - 2	
Jason	Yes

Jesus	Yes
Giovanni	Yes
Vi	Yes
Rainier	Yes

Are we within our Sprint Capacity?

Work Item	New Estimate
Security SC - 2	32
Security SC - 4	21
Security SC - 3	27
Security SC - 5	21
Communication Establishment Peer Review	2
Communication Establishment CE - 1	21
Communication Establishment CE - 2	17
Communication Establishment CE - 2	17
Inventory Management Peer Review	2
Inventory Management IM - 1	18
Inventory Management IM - 2	18
Car News Center Peer Review	2
Car News Center CNC - 1	27

Car News Center CNC - 2	27
Car News Center CNC - 3	27
Car News Center CNC - 4	27
Car News Center CNC - 5	27
Car News Center CNC - 6	27
Car News Center CNC - 7	27
Car Health Rating Peer Review	2
Car Health Rating CHR - 1	27
Car Health Rating CHR - 2	27
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
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	487

Will We Add More Work

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