

| Sprint Number | Week/Date         | User story | Tasks  | Story Points | Priority | Risk   | Assignee  | Status |
|---------------|-------------------|------------|--|--------------|----------|--------|---|--------|
| Sprint 1      | Due February 12th |            | Finish task breakdown for each team member (assign roles to each member).  |              |          |        | Whole team  |        |
|               |                   |            | Complete the project approach and technology stack selection, user stories, README file, and GitHub repository set up.   |              |          |        | Whole team  | ✓      |
|               |                   |            | Complete as much of the preliminary program's code as possible.  |              |          |        | Whole team  |        |
|               |                   |            | Create react project   | 4            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
|               | Week of Feb 14    |            | Create the backend in node.js.   | 4            |          |        | Backend team<br>Sunil Kulkalsingh , Marco Sicoli, Seb Iarici  | ✓      |
|               |                   |            | Verify the the frameworks are set up properly  | 2            |          |        | Whole team  | ✓      |
|               |                   |            | Verify everyone has the project running on their respective systems  | 1            |          |        | Whole team  | ✓      |
|               |                   |            | Troubleshoot any issues  | 2            |          |        | Whole team  | ✓      |
|               |                   | SA-2       | Complete CRUD operation for users  | 9            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel<br>Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici | ✓      |
|               |                   | SA-2       | Create a page for creating an account  | 8            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
| Sprint 2      | Week of Feb 19    |            | Dependencies: framework, project and backend established   |              |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               |                   | SA-2       | Establish technique for storing users  | 7            |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               |                   | SA-2       | Connect frontend to backend CRUD operations for users  | 9            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
|               |                   | SA-2       | Dependencies: CRUD operations for users  |              |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               | Week of Feb 26    | SA-1       | Complete CRUD operation on vehicles  | 9            |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               |                   | SA-1       | Create UI for adding a vehicle for renting   | 8            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
|               |                   | SA-1       | Establish technique for storing vehicles   | 7            |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               |                   | SA-1       | Connect frontend to backend CRUD operations for vehicles   | 9            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
|               | Week of March 4   | SA-3       | Complete CRUD operations for reservations. The ability to start a reservation, View/Modify/Cancel a reservation  | 9            |          |        | Backend team<br>Sunil Kulkalsingh, Marco Sicoli, Seb Iarici   | ✓      |
|               |                   | SA-3       | Create UI for completing a reservations. User can View/Modify/Cancel a reservation through the website.  | 8            |          |        | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |
| Sprint 2      | Due March 11th    |            | Finish preliminary coding to set up the foundation of the project's code. This will include setting up the login portal database, car catalog, and design choices for the presentation of the application. |              |          |        | Whole team  | ✓      |
|               | Week of March 2   | CU-4       | Implement a method to find the nearest branch using postal code or airport   | 10           | High     | Medium | Whole Team  | ✓      |
|               | Week of March 1   | CU-4       | Create UI to find a branch   | 7            | High     | High   | Frontend team<br>Alex Bellierve, George Ezzat, Sumit Patel  | ✓      |

|          |                  |        |  |   |        |        |  |   |
|----------|------------------|--------|--|---|--------|--------|--|---|
| Sprint 3 | Week of March 2  | 2CSR-2 | Check out verification process, create UI for a check out form. The check out process makes sure that car is in good condition, if anything is damaged then we need to have a payment option | 5 | Medium | High   | Whole Team   | ✓ |
|          | Week of March 1  | 1CSR-2 | Need to be able to retrieve a reservation information and display it   | 5 | High   | Medium | Whole Team   | ✓ |
|          | Week of March 1  | 1CSR-2 | Create UI for check out  | 5 | High   | High   | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | ✓ |
|          | Week of March 2  | 2CSR-1 | Need to implement a method for confirmation of check in for the customer   | 5 | High   | High   | Whole Team   | ✓ |
|          | Week of March 2  | 2CSR-1 | Need to create UI for car inspection   | 4 | High   | High   | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | ✓ |
|          | Week of March 1  | 1CSR-1 | Need to verify user information, Need to fetch information from backend and display on screen(UI)  | 5 | High   | Medium | Whole Team   | □ |
|          | Week of March 2  | 2CSR-1 | Create a way to search a reservation as a CSR, Need to implement the UI and connect the frontend to the backend.   | 6 | Medium | High   | Whole Team   | ✓ |
|          | Week of March 1  | 1CSR-1 | Create UI for check in   | 5 | High   | High   | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | ✓ |
|          | Due March 25th   |        | Finish main coding to set up the reservation system (includes the booking, payment, and review feedback systems).<br>Begin writing the final report and presentation.                        |   |        |        |  | □ |
|          |                  | CU-6   | Need to implement a method for vehicle comparison, where different pros and cons for each 2 selected vehicles can be seen  | 8 | High   | High   | Whole Team   | □ |
| Sprint 4 | Week of March 25 | CU-6   | Create UI for comparison   | 5 | High   | Low    | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | □ |
|          |                  | CU-5   | Aidt ask for review at check out   | 6 | Medium | Low    | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | □ |
|          |                  | CU-5   | Create a five star method for reviews, find a method that will integrate the stars with UI and functionality   | 6 | Medium | Low    | Backend team<br>Sunil Kurlalsingh, Marco Sicoli, Seb Inricci | □ |
|          | Week of April 1  | CU-5   | Prepare the UI for writing a feedback/review   | 6 | Medium | Low    | Frontend team<br>Alex Bellerive, George Ezzat, Sumit Patel   | □ |
|          | Due April 10th   |        | Review the application and verify for bugs to make small edits if necessary.<br>Finish the report and presentation requirements.   |   |        |        |  | □ |