# System and Unit Test Scenarios - Brianna Atayan

• User Story 1 from Sprint 2: As a service advisor, I want to be able to create customers and vehicles with defined fields so I can save the information for each object.

## o Scenario:

- Click on 'Go to Page' under 'New Customer' if you want to make a new customer object, or 'New Vehicle' if you want to make a new vehicle object.
- Enter in information in all fields.
- Click 'Create Customer/Vehicle' to store information as JSON object in the database.
- A message will be displayed on the console showing the JSON object.

## o Unit Tests:

- Valid entry results in object being printed to console.
- Incomplete fields gives response to user on field, telling them to complete the entire form.
- Invalid entry, such as incorrect chars or length, should result in form response or casting error displayed on console.
- User Story 2 from Sprint 3: As a service advisor, I want to be able to have my customer and vehicle information stored in a database so I can access them later.

## o Scenario:

- Click on 'Go to Page' under 'New Customer' if you want to make a new customer object, or 'New Vehicle' if you want to make a new vehicle object.
- Enter in information in all fields.
- Click 'Create Customer/Vehicle' to store information as JSON object in the database.
- A mongoDB query of the customer/vehicle collection will display the stored object.

## o Unit Tests:

- Valid entry results in object being stored in database.
- Incomplete fields gives response to user on field, telling them to complete the entire form.
- Invalid entry, such as incorrect chars or length, should result in form response or casting error displayed on console and will not be stored in database.