**Scenario for Garage Management Information System**

**Adding a Customer**

1. Run the application by double clicking the .jar file
2. Type in your username and password into the form presented
3. Click on Customer ' button on the top left of the screen.
4. Click on the ' find ' button.
5. Search for a customer
6. By Customer Name:

* Enter customer's surname into the pop up box.
* Press ' ok '.
* A list of customers with this surname appears in the customer table.
* Scroll down this list until details which match the customer's first name, last name, address , phone number and email appear.
* If not, the customer is not registered with the garage.

1. By Customer ID:

* Customer tells administrator his/her customer ID.
* Administrator enter customer ID into the pop up box.
* If the customer is registered, their details will be displayed.
* Otherwise the customer table will be empty.

1. If customer is not registered with the garage, click the add button.
2. Enter customers details and press Confirm
3. The customer will now be added to the customer database.

**Adding a Vehicle**

1. Click on “Vehicles” from the top navigation bar.
2. Click on “Search Vehicle” and type the registration number to check if a vehicle is registered with the system.
3. If no vehicle is registered with the registration number typed, click on “Add Vehicle” to add it.
4. Select a pre-configured vehicle from the dropdown or complete all fields yourself, and then click on “Add Warranty”(if you want to add a warranty).
5. Complete warranty form if you decided to add warranty and press Confirm in the warranty window and then again in the main “Add Vehicle” window.
6. If all the fields were completed correctly(that is, no error messages were shown, your vehicle was registered with the system.

\*Please note you need to click again on “Vehicles” to reset the main table after searching.

**Book a Diagnosis and Repair**

1. When you click on the Diagnosis & Repair button and the Main view of Diagnosis and repair section is visible, you must click on the “Add Diagnosis & Repair Booking” button to add a new booking and to assign a mechanic to diagnose and repair a vehicle.
2. Then you must fill in the information one by one in the following order:

* Select a customer
* Select a Vehicle
* Select a future or current Date to start diagnosis.
* Select a future Time to start diagnosis.
* Select a future Date for completion of Repairs.
* Select a future Time for completion of Repairs.
* Select an available bay.
* Select an available Mechanic.
* Enter the current mileage of the vehicle.
* Press add to add the new booking

1. Recording a new part installation:

* Select a booking from the main ”Diagnosis & Repair Booking” table.
* Select a part from the “Parts To Install” table.
* Click on the Add new Part button to add the register the new part installation.

1. Registering Mechanic Working Hours:

* Select a booking from the main table.
* Click on the “Add Duration of work” button.
* Fill in the number of hours spent as an integer.
* Click the ok button to submit the hours to the system.

**Book a Scheduled Maintenance**

1. Click on “Scheduled Maintenance” from the top navigation bar.
2. Click on “Add MoT” or “Add Service” in regards to what type of Scheduled Maintenance Booking you require to make. \*
3. Once the dialog is displayed enter the details required, note the “ADD” button will not be enabled unless all fields have been entered in a valid format.
4. Once “ADD” is pressed the Scheduled Maintenance Booking will be displayed in the large table.

\*Note if no Customers or Vehicles are registered a pop will display to inform you; if that is the case add a Customer and a Vehicle before proceeding.

**Order Parts**

1. Click “Parts” button at top of screen.
2. Find and check stock of part to be ordered.
3. Click the part in the table.
4. Click the “Order More” button.
5. Fill in the fields.
6. Click “Confirm” button.