Dealership Project - ICS372

Software Requirements:

The software shall retain vehicle and dealership information entered into the system after every change.

The software shall load existing vehicle and dealership information when starting the application.

The software shall accept vehicle information from new dealerships using their existing data format.

The software shall verify the accuracy of vehicle information received from new dealerships.

The software shall be able to read vehicle and dealership data from JSON files.

The software shall be able to read vehicle and dealership data from XML files.

The software shall be able to write vehicle and dealership data to JSON files.

The software shall include the dealership’s name in the system’s data.

The software shall allow the user to modify new and existing dealership names.

The software shall allow dealerships to rent out vehicles from that dealership’s inventory.

The software shall allow users to modify a dealership's service offerings, including enabling or disabling rental services.

The software shall allow only approved vehicle types to be rented.

The software shall allow the user to change a vehicle from rentable to a sellable vehicle.

The software shall track which vehicles are currently rentable, and which are for sale.

The software shall track the vehicles that are designated for sale.

The software shall allow vehicles to be transferred between dealerships.

The software shall allow users to manually enter a vehicle into a dealership’s inventory.

The software shall allow users to be able to remove vehicles from a dealership’s inventory.

The software’s GUI shall be able to display the company inventory in table form and sorted by dealership.