**Features**

* Import/Export inventory in **JSON** and **XML** formats
* Persistent local data storage
* Toggle vehicle **rental status** (disabled for sports cars)
* Enable/disable dealer acquisition
* Transfer vehicles between dealers
* Add and delete vehicles
* Add, edit (Name field), and delete dealers
* Filter vehicles by dealership
* Prevent duplicate vehicle IDs
* Real-time notifications using **ControlsFX**

**Dependencies**

* Java 21
* JavaFX 17.0.6
* ControlsFX 11.2.1
* Gson 2.12.1
* Jackson Faster XML 2.18.2
* JUnit 5

**Usage Guide**

**Import/Export**

* **Import JSON:** File > Import JSON > Select File
* **Import XML:** File > Import XML > Select File
* **Export JSON:** File > Export JSON > Choose Destination & File Name

**Inventory Management**

* **Add Vehicle:** Vehicles Tab > Add Vehicle OR File > Add Vehicle
* **Delete Vehicle:** Select Vehicle > Delete
* **Transfer Vehicles:** Select Dealer > Transfer Inventory > Type Dealership ID
* **Toggle Rent:** Select Vehicle > Toggle Rent (Disabled for **Sports Car**)
* **Filter Vehicles by Dealer:** Dropdown on Vehicles tab

**Dealer Management**

* **Add Dealer:** Not required for Phase 2.
* **Delete Dealer:** Select Dealer > Delete
* **Edit Dealer Name:** Double-click dealer name
* **Toggle Acquisition:** Select Dealer > Toggle Acquisition

**Data Formats**

**JSON Example**

**A screen shot of a computer code

AI-generated content may be incorrect.**

**XML Example   
A screen shot of a computer program

AI-generated content may be incorrect.**

**Project Structure**

A screenshot of a computer

AI-generated content may be incorrect.