**Dealership Project – Software Requirements**

The software shall support reading and writing dealership data using both JSON and XML formats via a builder-based I/O framework.

The software shall support modular loading of dealership inventories from external files with error-checking for data accuracy.

The software shall allow selection of different rental pricing strategies based on vehicle type.

The software shall prevent vehicle transfers to dealerships not accepting inventory.

The software shall include the ability to view dealership inventory in a dedicated screen, categorized by dealership and vehicle type.

The software shall notify the user when invalid actions are attempted, such as duplicate vehicle IDs or unsupported vehicle types.

The software shall provide a graphical interface for profile management tasks, such as renaming dealerships and toggling rental/receiving status.

The software shall allow the creation of new dealerships at runtime through the GUI with unique IDs.

The software shall support MVC (Model-View-Controller) architecture for decoupling GUI components from domain logic.

The software shall include unit tests for file I/O operations using XML and JSON formats.