Use Case - Export Dealer Inventory to File

Use Case Name	Export Dealer Inventory to a File
Description & Scenario	A dealership needs to maintain digital records of its vehicle inventory for auditing, reporting, and data transfer purposes. The Inventory Manager must be able to export vehicle details, including dealership information, vehicle attributes, and acquisition dates, into a structured file (JSON and XML).
Use Frequency	Moderate to High. The feature may be used daily or weekly, depending on the dealership's reporting requirements.
Actor	Dealership Manager (or Inventory Manager)
Stakeholders & Interests	Dealers: Track which cars are loaned out and thus not available for sale.
Preconditions	• The Dealership Manager is logged into the system • The system contains valid vehicle inventory data. • The designated file path for exporting is accessible.
Success / Post Conditions	• The exported inventory file is successfully created. • The file is saved in the designated location. • Data is ready for auditing, reporting, or external processing.
Normal Flow	1. The Dealership Manager initiates the export process from the system. 2. The system retrieves vehicle inventory data from the dealer. 3. The system converts the data into JSON or XML format, ensuring proper structure. 4. The system writes the formatted data to a file at the specified location. 5. The system confirms the successful export to the Dealership Manager.
Alternative Flows	• Export Fails Due to File Write Error: If the system cannot write to the file location (e.g., due to permission issues), an error message is displayed.

	• Export Fails Due to Missing Data: If essential vehicle or dealership data is incomplete or malformed, the system notifies the user and prevents the export.
Assumptions	• The dealership maintains an up-to-date digital inventory. • The system handles formatting and file writing correctly. • The user has access to the designated file storage location. • The export format (JSON or XML) is selected or configured before export.