

Name	Filter vehicles by type or status
Description	A dealer wants to view only certain types of vehicles or filter by status in the inventory table
Actors	Dealers
Stakeholders & interests	Dealers want to find vehicle based on specific categories to save time Company management wants efficient filter to help track inventory availability and trends
Frequency	Used frequently during inventory browsing, especially when dealing with large lists
Pre-condition	<ul style="list-style-type: none"> • XML file containing dealership inventory is available • System is up and running • Vehicles are successfully imported into the system • Drop down filter is visible
Main Success Scenario	<ul style="list-style-type: none"> • Dealer clicks on the filter drop down • Dealer selects on one filter • The system updates the table to show only vehicles matching the selected filters
Post-condition	<ul style="list-style-type: none"> • Only filtered vehicles are shown in the table • The dealer can change the filter
Alternate Scenarios	<ul style="list-style-type: none"> • Dealers open the filter dropdown but does not select any option. The system takes no action and the table remains unchanged • Dealers select “All” from the filter option. The system displays the full inventory • Dealer selects on one filter • The system successfully updates the table to match the new filter criteria

Name	Search for a vehicle
Description	A dealer wants to quickly find a vehicle by typing keywords like ID, Make, or model
Actors	Dealers
Stakeholders & interests	Dealers want to find specific vehicles by typing a keyword instead of scrolling through the list Company management wants the system to help staff respond faster to customer questions and manage vehicles more efficiently
Frequency	Used frequently when dealers need to find a specific car
Pre-condition	<ul style="list-style-type: none"> • XML file containing dealership inventory is available • System is up and running • Vehicles are successfully imported into the system • The search bar is visible
Main Success Scenario	<ul style="list-style-type: none"> • Dealer types a keyword in the search bar • The system filters the table to show matching vehicles
Post-condition	<ul style="list-style-type: none"> • Matching vehicles are displayed in the table
Alternate Scenarios	<ul style="list-style-type: none"> • Dealer types a keyword in the search and misspelling • The system displays empty table view • Dealer clears the search bar • The system resets the table and display all vehicles again • Dealer types a new keyword and the table display the matching search

Name	Transfer vehicle to another dealership
Description	A dealer transfers vehicle from one dealership to another
Actors	Dealers
Stakeholders & interests	Dealers want to manage inventory efficiently Company management wants consistent and up to date vehicle tracking across all locations
Frequency	Frequently when dealers often transfer vehicles between locations or fulfill customer needs
Pre-condition	<ul style="list-style-type: none"> • XML file containing dealership inventory is available • System is up and running • Vehicles are successfully imported into the system
Post-condition	<ul style="list-style-type: none"> • The vehicle is removed from the current dealer's list • The vehicle appears in the target dealer's list • The system saves the update automatically
Main Success Scenario	<ul style="list-style-type: none"> • Dealer selects a dealership from the dropdown • Dealer selects a vehicle from the table • Dealer click transfer button to transfer vehicle • A dialog appears showing a list of other dealerships • Dealer selects a different dealership and confirm the transfer • The system moves the vehicle to the selected dealership successfully
Alternate Scenarios	<ul style="list-style-type: none"> • Dealer selects a dealership from the dropdown. • The dealer selects the same dealership as the current one, the system displays a message: "Vehicle is already in this dealership. No transfer made." • The dealer cancels the transfer dialog, no changes are made and the process is aborted. • The dealer initially selects the wrong dealership, they can reopen the dialog, select a different dealership, and confirm the transfer. • The system then successfully transfers the vehicle to the new location.

