**Use Cases**

**1. List Vehicles**

Actors: Admin, Manager, Salesperson  
A user can view a complete list of sellable vehicles at their dealership.

**2. Add Vehicle to Inventory**

Actors: Manager  
A manager can add a vehicle to inventory at his/her dealership.

**3. Remove Vehicle from Inventory**

Actors: Manager  
A manager can remove a vehicle from inventory at his/her dealership.

**4. View Individual Vehicle Details**

Actors: Salesperson, Manager  
Users can view details (year, make, model, VIN, etc) of a specific vehicle at any dealership.

**5. Edit Vehicle Details**

Actors: Manager  
The manager of a dealership can edit the details of a vehicle in his/her dealership.

**6. Send Message**

Actors: Admin, Manager, Salesperson  
Any employee can send a text-only message to selected other employees.

**7. View Received Messages**

Actors: Admin, Manager, Salesperson  
Employees can view messages sent to them, both as a list of messages and individually.

**8. Mark Received Message as Read**

Actors: Admin, Manager, Salesperson  
Rather than deleting messages, employees can mark messages as 'read', removing them from the default message listing view, which only shows unread messages.

**9. Mark Vehicle as Pending Sale**

Actors: Salesperson  
Salespeople can mark a vehicle as a Pending Sale, along with the negotiated price, taking it out of sellable inventory temporarily.

**10. Finalize Vehicle Sale**

Actors: Manager  
The manager of a dealership can finalize any Pending Sale at his/her dealership, automatically removing the vehicle from inventory.

**11. Add Dealership to System**

Actors: Admin  
A system administrator can add dealerships to the database.

**12. Remove Dealership from System**

Actors: Admin  
A system administrator can close a dealership if that dealership does not have any employees (through Roles; check DB Schema).

**13. Edit Dealership Details**

Actors: Admin  
A system administrator can change the details of a dealership (address, description, website...).

**14. Add Employee**

Actors: Admin  
A system administrator can add employees to the database.

**15. Assign Employee to Role**

Actors: Admin  
A system administrator can assign an existing employee to a specific position in an existing dealership.

**16. Request Employee Assignment**

Actors: Manager  
The manager of a dealership can request that an Employee be assigned to a specific position at his/her dealership.

**17. View Assignment Requests**

Actors: Admin, Manager  
Admins can view all pending assignment requests and accept/deny them. Managers can view all of their pending assignment requests and potentially cancel them.

**18. Remove Employee Assignment**

Actors: Admin  
A system administrator can remove an employee's assignment. This assignment remains in the database as a Role, but is marked as ended. Employees with no active roles are considered 'On Leave.'

**19. Initiate Vehicle Trade**

Actors: Manager  
The manager of a dealership can initiate a vehicle trade with another dealership by selecting the other participating dealership and the vehicles he/she wishes to trade with that dealership.

**20. Accept Vehicle Trade**

Actors: Manager  
The manager of a dealership with which a trade has been initiated can accept the trade, which automatically transfers inventory between the dealerships.

**21. Reject Vehicle Trade**

Actors: Manager  
The manager of a dealership with which a trade has been initiated can reject the trade.

**24. Login**

Actors: Employee  
Employees can login to the system by entering their username and password.

**23. Change Password**

Actors: Employee  
Any employee can change their own password.

**24. Assign Temporary Password**

Actors: Admin  
An admin can assign an employee a temporary password, so that employees can reset forgotten passwords.

**25. Reset Password**

Actors: Employee  
An employee with a temporary password can set their permanent password (simultaneously removing the temporary password).