Car Showroom Management System

1. Project Overview

The Car Showroom Management System (CSMS) helps manage car inventory, customers, sales, invoices, and reports.

2. Problem Statement

Showrooms face issues with tracking cars, locating customer information, generating invoices, and storing sales history.

3. Project Scope

Included: Car management, customer management, sales, invoices, reports.

Not included: Maintenance, insurance, staff management.

4. Functional Requirements

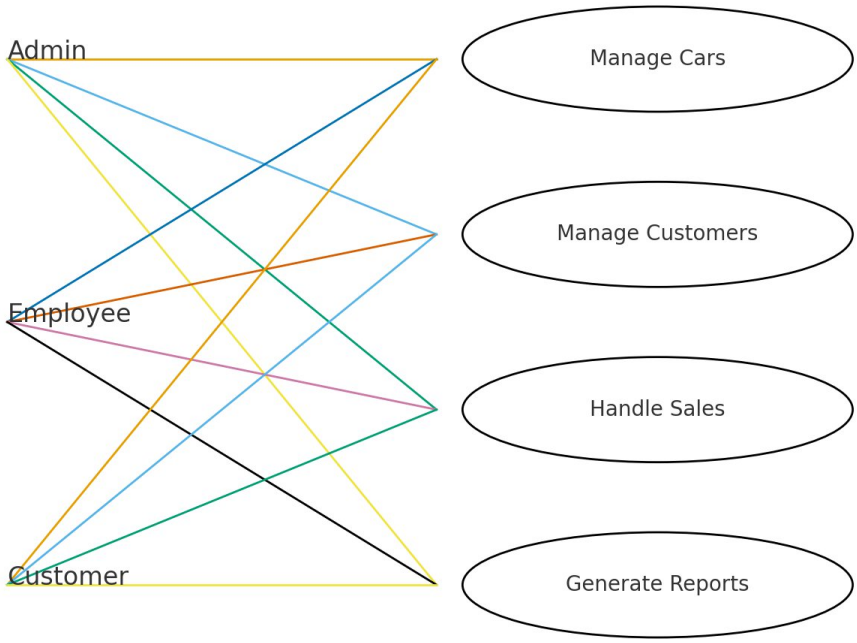
- FR1: Add a new car
- FR2: Edit car details
- FR3: Delete a car
- FR4: Search cars
- FR5: Add customer
- FR6: Edit customer
- FR7: Search customer
- FR8: Register sale
- FR9: Generate invoice
- FR10: Link customer to sale
- FR11: Daily sales report
- FR12: Available cars report

5. Non-Functional Requirements

- Usability
- Performance

- Security
- Reliability
- Scalability

6. Use Case Diagram



7. Use Case Description: Add Car

Actor: Employee

Main Flow:

1. Employee navigates to 'Add Car'
2. Inputs car information
3. System validates data
4. System saves the new car

8. System Architecture

Frontend: HTML, CSS, JavaScript

Backend: Python Flask / PHP / Node.js

Database: MySQL

9. Conclusion

The system enhances accuracy, speed, and decision-making in car showroom operations.