PROJECT REPORT

• INTRODUCTION:

Overview:

Vehicle Management is an application where a customer Details are stored in order to choose cars, bikes and commercial vehicles for travel with in the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are sent to them in the form of messages and mails.

•Objectives:

The Vehicle Management System (VMS) is an application for the Automotive industry. It supports, in the area of Sales & Services, the business processes that you require as vehicle importer when dealing with your original equipment manufacturers (OEMs) and your dealers in new and used vehicle sales.

Develop a comprehensive vehicle management system that can be customized to the needs of any organization.

Implement a user-friendly interface that allows users to access and manage vehicle data from any device.

Integrate the system with other relevant applications such as accounting and inventory management systems.

Provide real-time analytics and reporting features to help organizations make data-driven decisions about their fleet management.

Key Features:

Vehicle inventory management

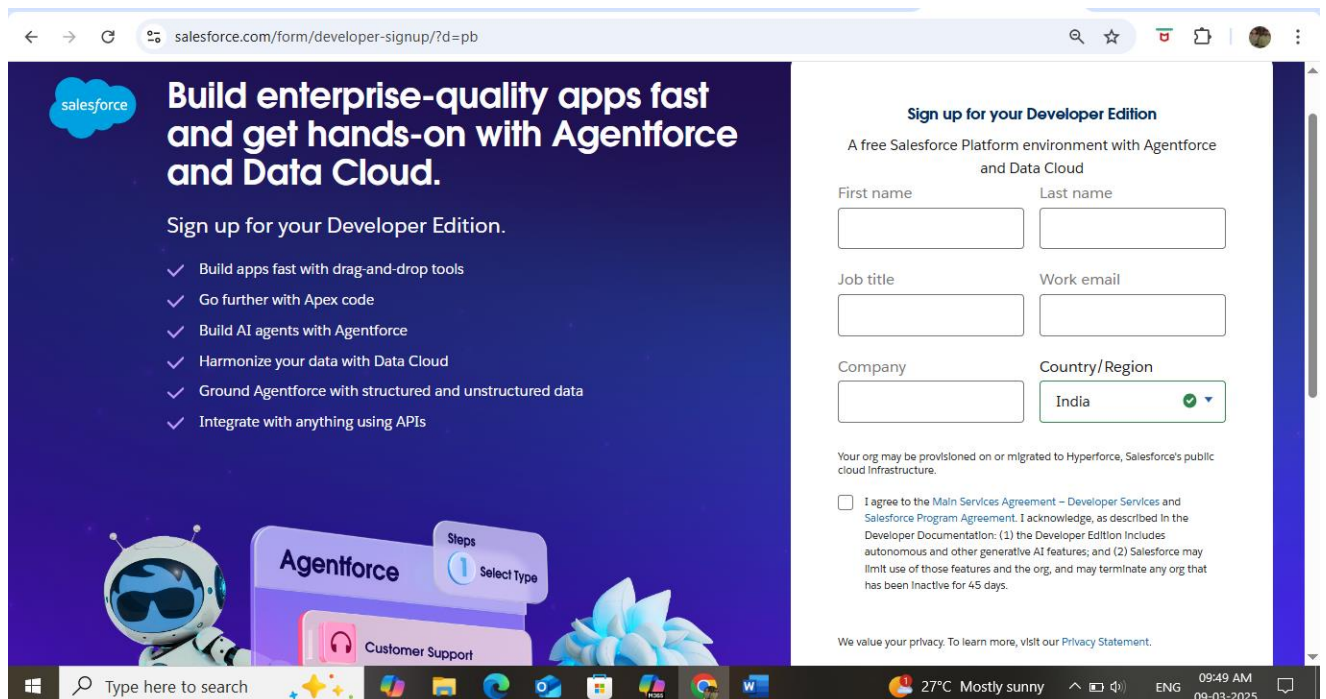Sales tarcking

Maintainance and service scheduling

Customer relationship management

Reports and dashboards

Mobile access and integration with third party systems

Detailed Steps to Solution Design:

- Creating a developer org in salesforce.

Creating Custom objects: Vehicle, Driver, Traveler.

* Creation of fields

* Creation of Fields in Vehicles objects

S NO.	Field Names	Type	Data Types
1.	Vehicle Name	Standard	Text
2.	Vehicle Type i)2 wheeler ii)4 wheeler	Custom	Picklist
3.	2WHEELERS i) HERO ii)HONDA iii)BAJAJ iv)ROYAL ENFIELD v)TVS vi)KINETIC vii)OLA viii)JAWA ix)SD x)BATTERY	Custom	Picklist
4.	4WHEELERS i) RENAULT ii)SKODA iii) HONDA iv)HYUNDAI v)SUZUKI	Custom	Picklist
	vi)MAHINDRA vii)VOLVO viii)AUDI ix)Volkswagen		
5.	Vehicle No	Custom	Text (20)
6.	Chassic No	Custom	Text (30)
7.	Colour	Custom	Text (20)
8.	Body Type	Custom	Text (20)
9.	Vehicle Includes • Fire Extinguisher • FirstAid Kit • Multi • Charger kit • Stepney • Stereo • Tool Kit • Tracking Device • Tyre • Jack	Custom	Multi Picklist
10.	Condition i) Good ii)Medium iii) Least	Custom	Picklist
11.	Mileage	Custom	Text (3)
12.	Seats	Custom	Number (2)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD
2WHEELERS	X2WHEELERS__c	Picklist	vehicle type
4WHEELERS	X4WHEELERS__c	Picklist	vehicle type
Body Type	Body_Type__c	Text(20)	
Chassic NO	Chassic_NO__c	Text(30)	
Colour	Colour__c	Text(20)	
Condition	Condition__c	Picklist	
Created By	CreatedById	Lookup(User)	
Last Modified By	LastModifiedById	Lookup(User)	
Mileage	Mileage__c	Text(3)	
Owner	OwnerId	Lookup(User,Group)	
Seats	Seats__c	Number(2, 0)	
Vehicle Includes	Vehicle_Includes__c	Picklist (Multi-Select)	
Vehicle Name	Name	Text(80)	
Vehicle No	Vehicle_No__c	Text(20)	
vehicle type	vehicle_type__c	Picklist	

Fields in Driver objects follow below data types

S No	Field	Type	Data Type
1	Driver Name	Standard	Text
2	License No	Custom	Text (30)
3	Mobile No	Custom	Phone
4	Fair Per Hour	Custom	Text (10)
5	Vehicle	Custom	Lookup (Vehicle)

Fields In Traveler Objects Follow Below Data Types

S No	Field	Type	Data Type
1	Traveler Name	Standard	Text
2	Traveler Contact No	Custom	Phone
3.	Traveler Email	Custom	Email

Fields in Opportunity objects follow below data types

S No	Field	Type	Data Type
1	Vehicle	Custom	Lookup (Vehicle)
2	Journey Start Date	Custom	Date/Time
3	Journey End Date	Custom	Date/Time
4	Total Fair	Custom	Currency (8)
5	Route	Custom	Text(long)

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Setup   Home   Object Manager ∨

SETUP > OBJECT MANAGER
Opportunity

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Scoping Rules
Object Access
Triggers
Flow Triggers
Validation Rules

Fields & Relationships
31 Items, Sorted by Field Label

Quick Find   New   Deleted Fields

Current Generator(s)	CurrentGenerators__c	Text(100)
Delivery/Installation Status	DeliveryInstallationStatus__c	Picklist
Description	Description	Long Text Area(32000)
Expected Revenue	ExpectedRevenue	Currency(16, 2)
Forecast Category	ForecastCategoryName	Picklist
Journey End Date	Journey_End_Date__c	Date/Time
Journey Start Date	Journey_Start_Date__c	Date/Time
Last Modified By	LastModifiedById	Lookup(User)
Lead Source	LeadSource	Picklist
Main Competitor(s)	MainCompetitors__c	Text(100)
Next Step	NextStep	Text(255)
Opportunity Name	Name	Text(120)
Opportunity Owner	OwnerId	Lookup(User)

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Setup   Home   Object Manager ∨
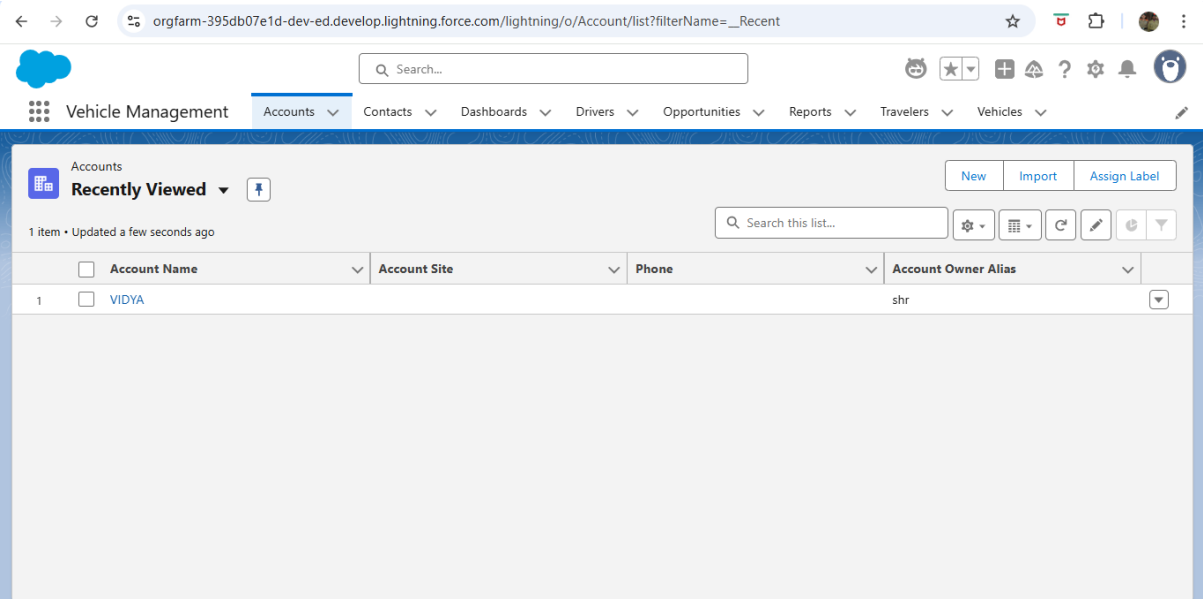
SETUP > OBJECT MANAGER
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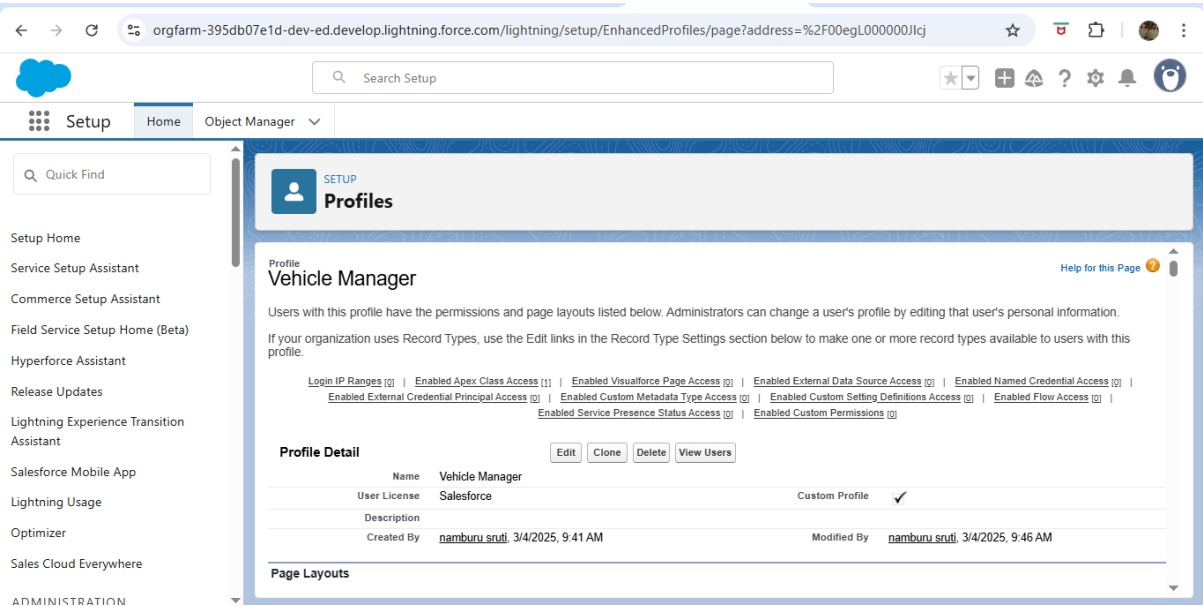31 Items, Sorted by Field Label

Quick Find   New   Deleted Fields   Field Dependencies   Se

Opportunity Score	IqScore	Number(9, 0)	
Order Number	OrderNumber__c	Text(8)	
Price Book	Pricebook2Id	Lookup(Price Book)	✓
Primary Campaign Source	CampaignId	Lookup(Campaign)	✓
Private	IsPrivate	Checkbox	
Probability (%)	Probability	Percent(3, 0)	
Quantity	TotalOpportunityQuantity	Number(16, 2)	
Route	Route__c	Long Text Area(32768)	
Stage	StageName	Picklist	
Total Fair	Total_Fair__c	Currency(8, 0)	
Tracking Number	TrackingNumber__c	Text(12)	
Type	Type	Picklist	
Vehicle	Vehicle__c	Lookup(Vehicle)	✓

Create the Vehicle Management Lightning app
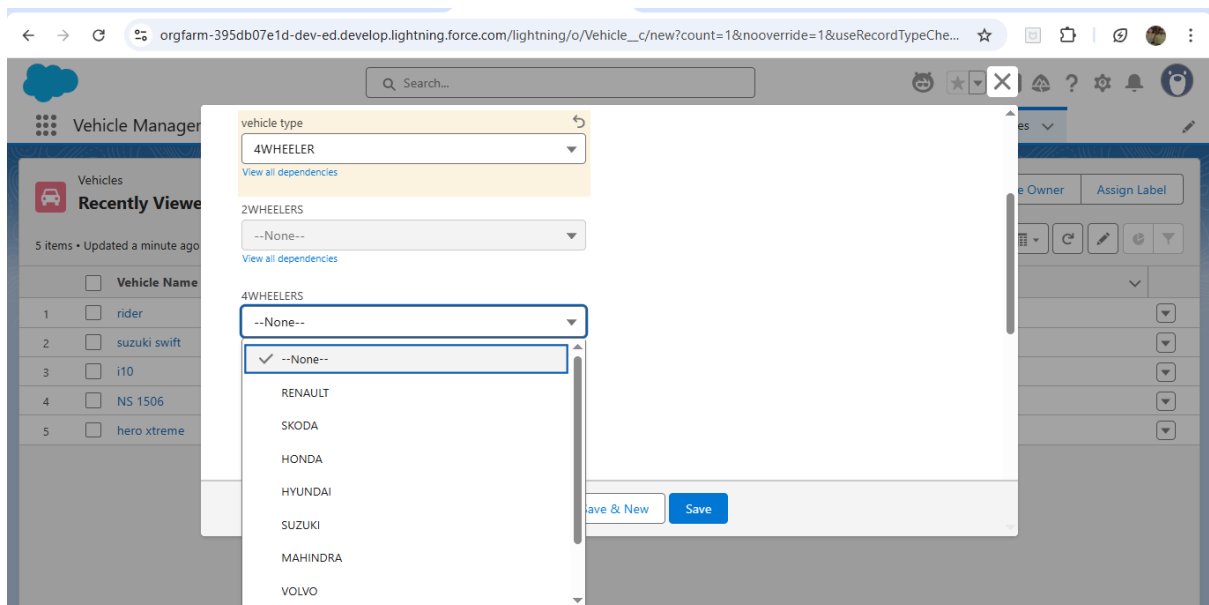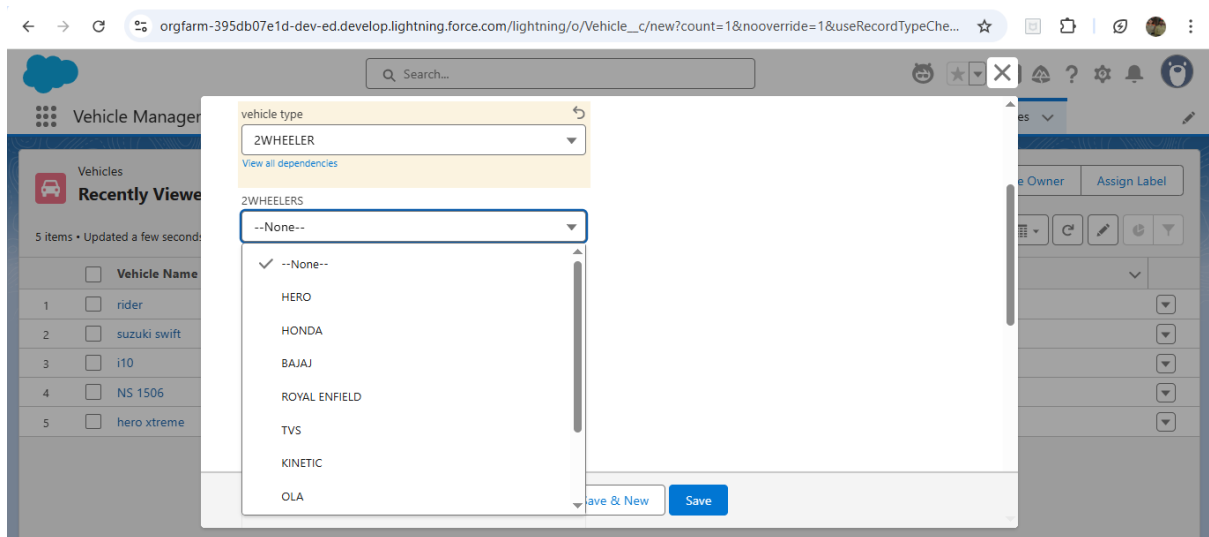

create a Vehicle Manager profile

Setup Roles:

Creating a User

Testing and Validation:

*Field Dependencies;

- CONCLUUSION:

The Vehicle Management System is a powerful tool for organizations that want to manage their fleet of vehicles efficiently. Built using Salesforce , it provides a customizable and user-friendly interface that allows users to access and manage vehicle data from any device. Its advanced features, such as maintenance scheduling, fuel consumption tracking, and driver management, help organizations optimize their fleet utilization and reduce costs. With real-time analytics and reporting features , the system enables data-driven decision making and helps organizations stay ahead of the competition.