PROJECT REPORT TEMPLATE

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

1 INTRODUCTION

1.1 Overview

A Vehicle Management system is a software system or platform that serves to manage commercial fleets of vehicles such as cars, vans or trucks or even heavy equipment to ensure they are utilized safely, efficiently and professionally, while making sure they are well maintained and high performing.

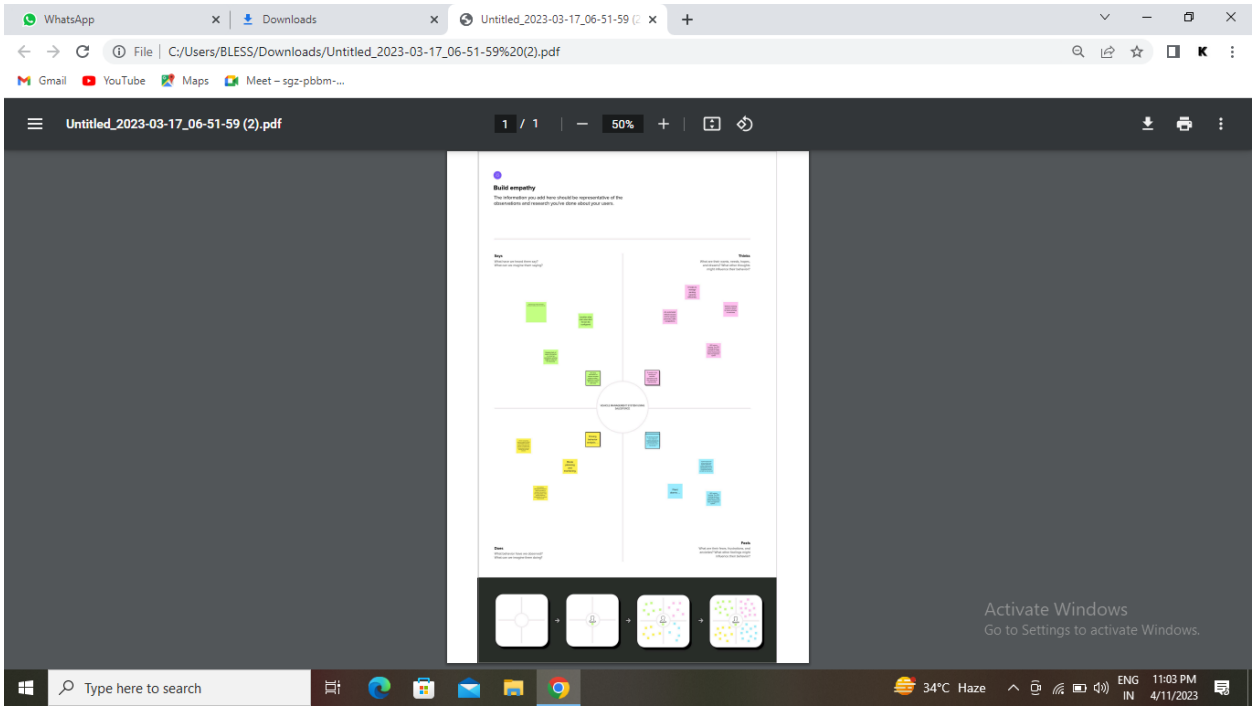
1.2 Purpose

Depending on the type of vehicle management system

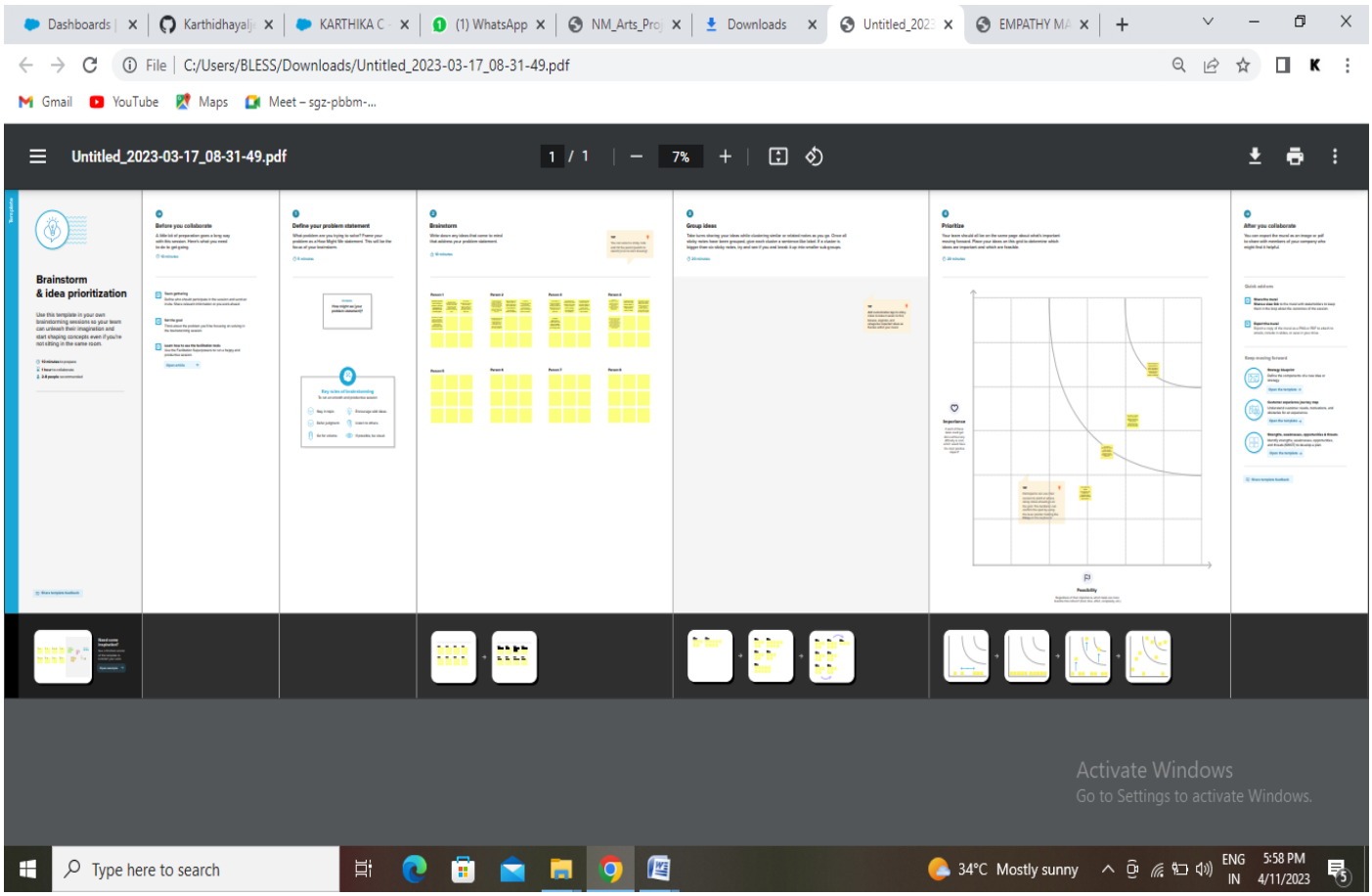
- Improve fleet safety and working conditions
- Improve the behavior and performance of drivers and beat unsafe driving
- Schedule shifts and work hours
- Manage fuel efficiency
- Track vehicles, assets or professional equipment

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 IDEATION & BRAINSTORMING MAP



3 RESULT

3.1 DATA MODEL:

OBJECT NAME	FIELDS IN THE OBJECT
OBJECT 1	

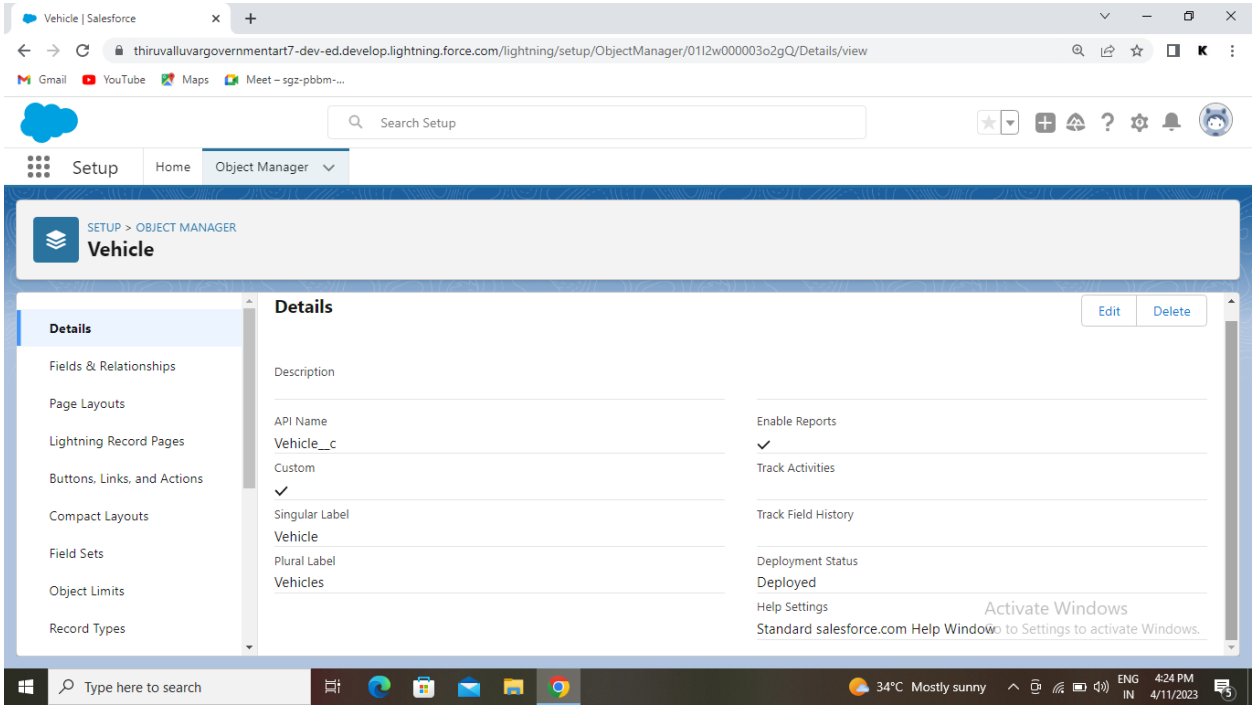
S.NO	FIELD LABEL	DATA TYPE
1	customer name	Text
2	Customer mobile no	Number
3	Vehicle type i)2wheeler ii)4wheeler	Picklist
4	2wheeler i)HERO ii)HONDA iii)BAJAJ iv)ROYAL ENFIELD v)TVS vi)KINECTIC vii)OLA viii)JAWA ix)SD x)BATTERY	Picklist
5	4wheeler i)RENAULT ii)SKODA iii)HONDA iv)HYUNDAI v)SUZUKI vi)MAHINDRA vii)VOLKSWAGEN viii)BENZ ix)AUDI x)VOLVO	Picklist
6	Vehicle name	Text
7	Vehicle no	Text
8	Chassic no	Text
9	Colour	Text
10	Body Type	Text
11	Vehicle Includes i)FIRE EXTENUATION ii)FIRST AID KIT iii)MULTI CHARGER KIT iv)STEPNEY v)STEREO vi)TOOL KIT vii)TRACKING DEVICE viii)TYRE JACK	Multi Picklist

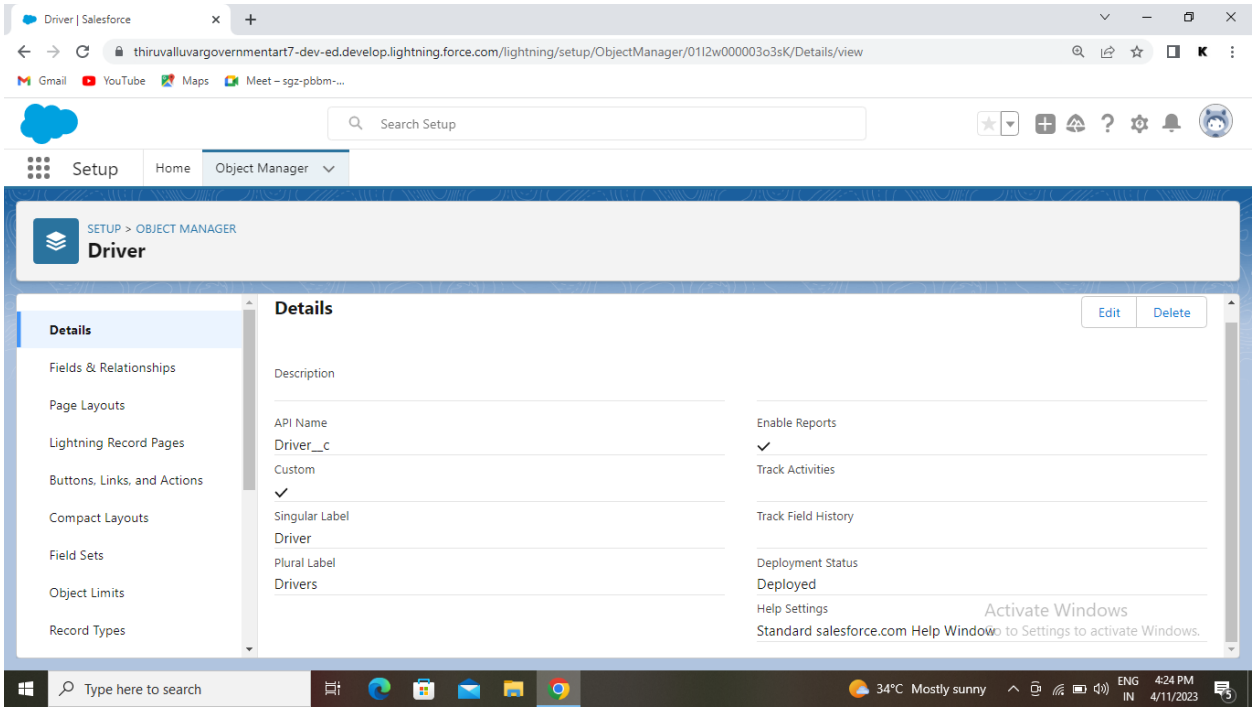
	12	Condition i)Good ii)Medium iii)Least	Picklist
	13	Mileage	Text
	14	Seats	Number
	15	Start Date	Date/Time
	16	End Date	Date/Time
	17	Opportunity	Lookup(opportunities)

OBJECT 2

S.NO	FIELD NAME	DATA TYPE
1	Driver name	Text
2	License no	Text
3	Mobile no	Number
4	Fair per hour	Text
5	Vehicle	Lookup(Vehicle)

3.2 ACTIVITY & SCREENSHOT

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Search Setup
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SETUP > OBJECT MANAGER
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Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
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Driver__c
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Plural Label
Drivers
Enable Reports
Track Activities
Track Field History
Deployment Status
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Help Settings
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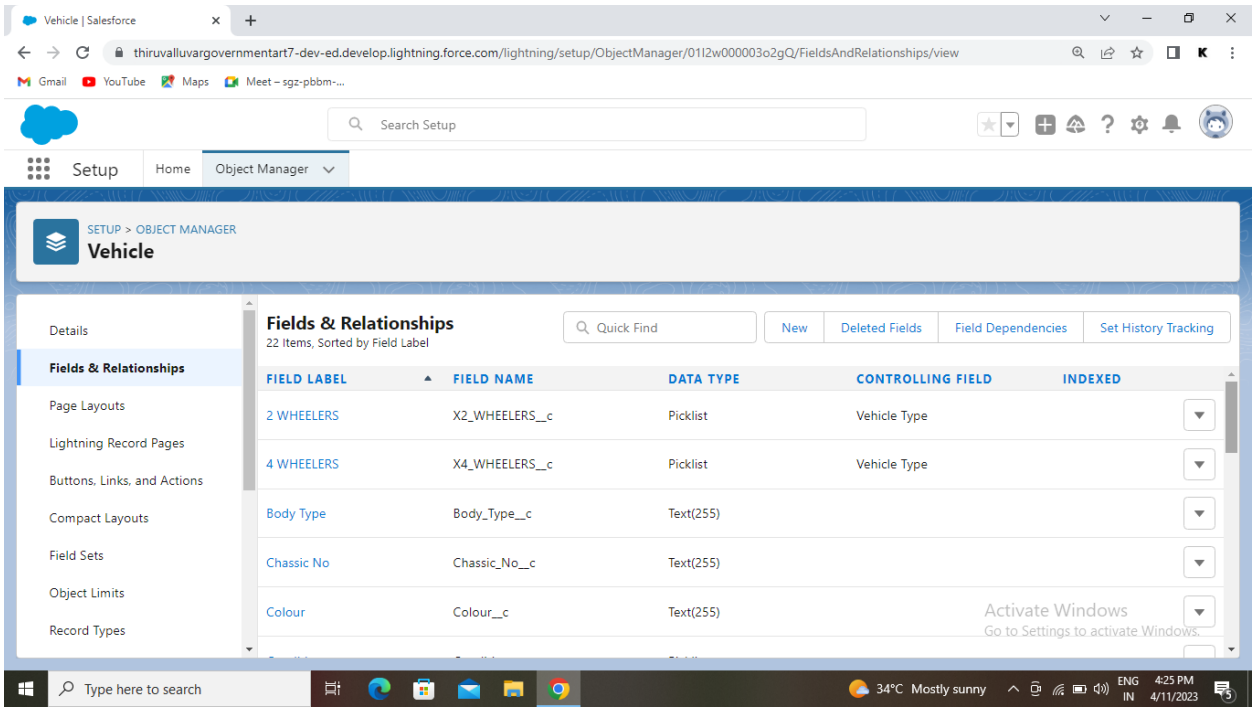
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Page Layouts
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Field Sets
Object Limits
Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
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2 WHEELERS
X2_WHEELERS__c
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4 WHEELERS
X4_WHEELERS__c
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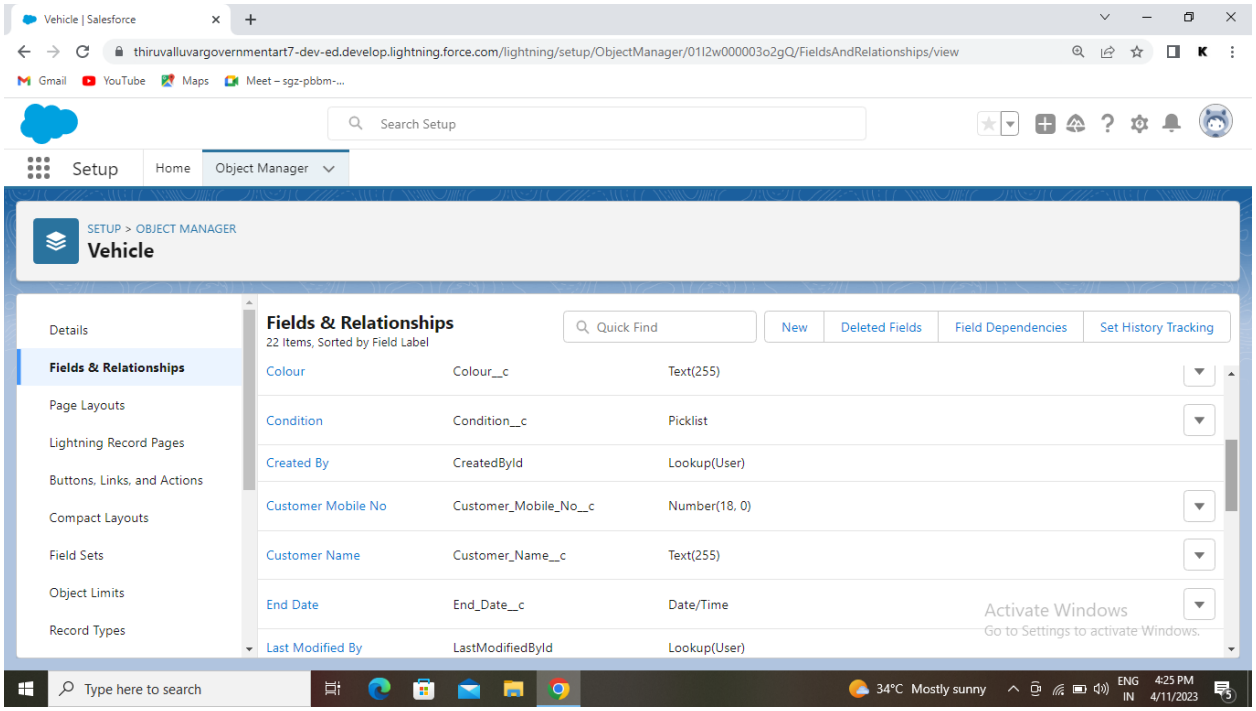
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Field Sets
Object Limits
Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
Colour Colour__c Text(255)
Condition Condition__c Picklist
Created By CreatedById Lookup(User)
Customer Mobile No Customer_Mobile_No__c Number(18, 0)
Customer Name Customer_Name__c Text(255)
End Date End_Date__c Date/Time
Last Modified By LastModifiedById Lookup(User)
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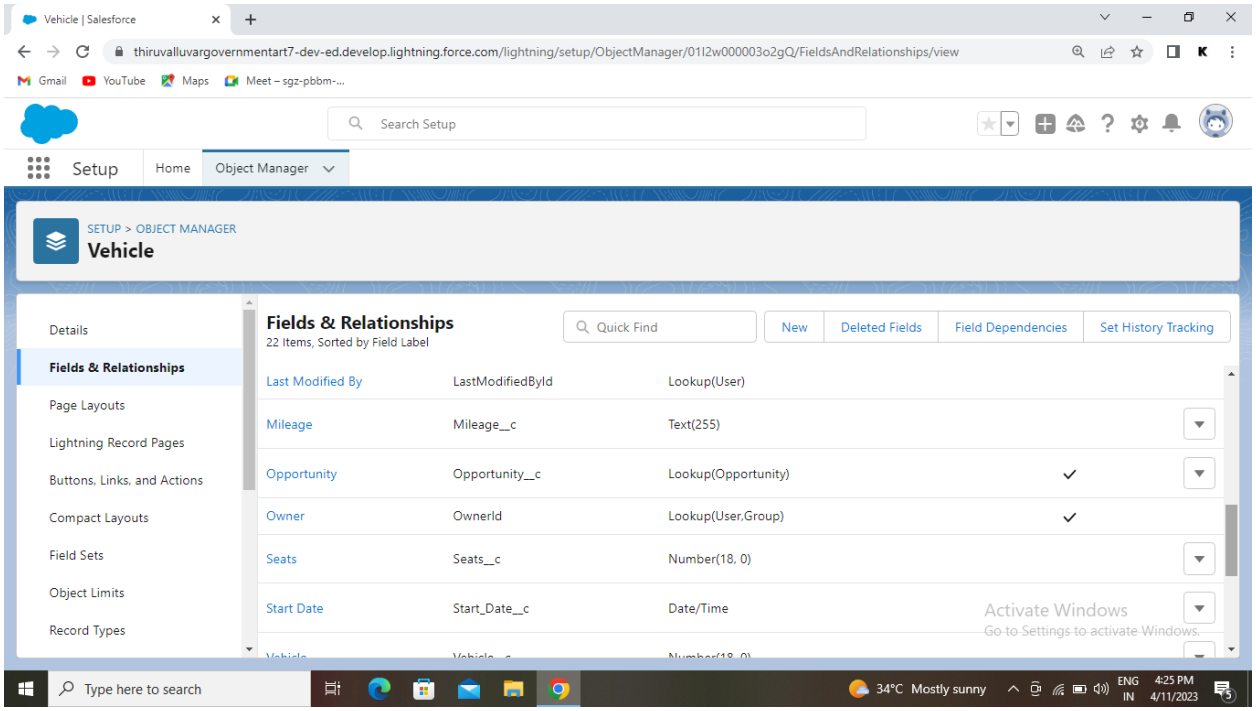
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Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
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Deleted Fields
Field Dependencies
Set History Tracking
Last Modified By LastModifiedById Lookup(User)
Mileage Mileage__c Text(255)
Opportunity Opportunity__c Lookup(Opportunity)
Owner OwnerId Lookup(User,Group)
Seats Seats__c Number(18, 0)
Start Date Start_Date__c Date/Time
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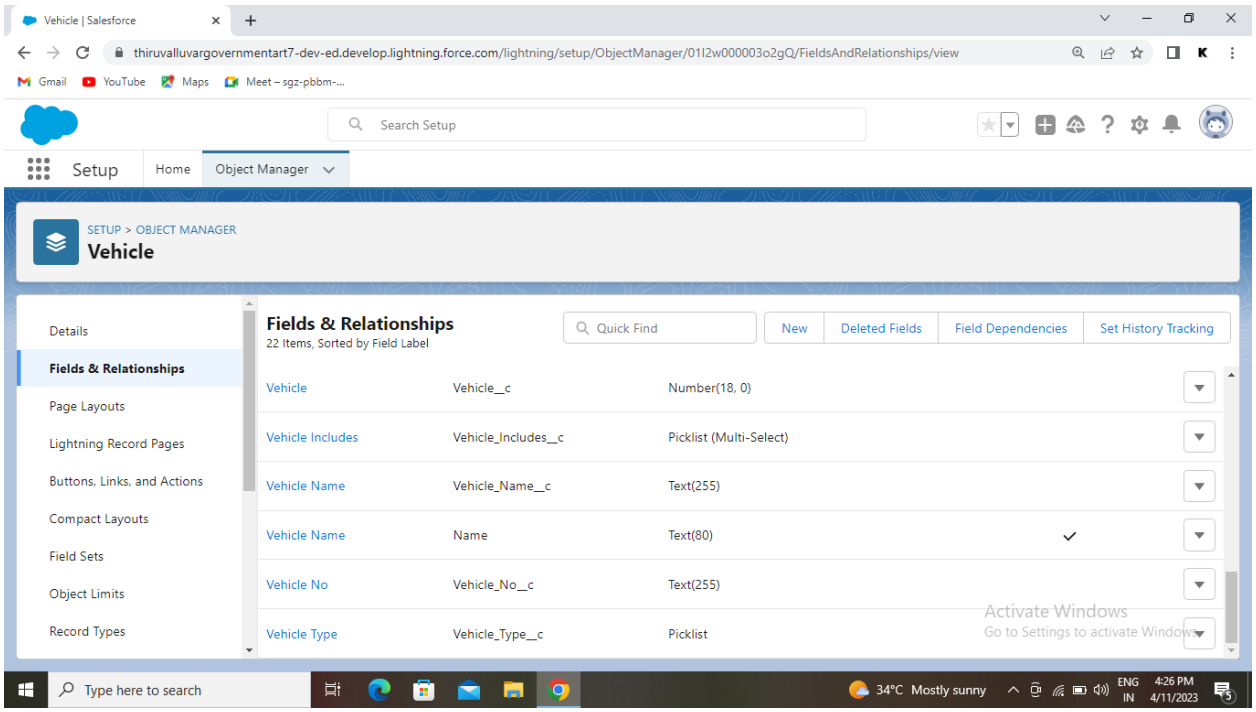
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Record Types
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Field Dependencies
Set History Tracking
Vehicle Vehicle__c Number(18, 0)
Vehicle Includes Vehicle_Includes__c Picklist (Multi-Select)
Vehicle Name Vehicle_Name__c Text(255)
Vehicle Name Name Text(80)
Vehicle No Vehicle_No__c Text(255)
Vehicle Type Vehicle_Type__c Picklist
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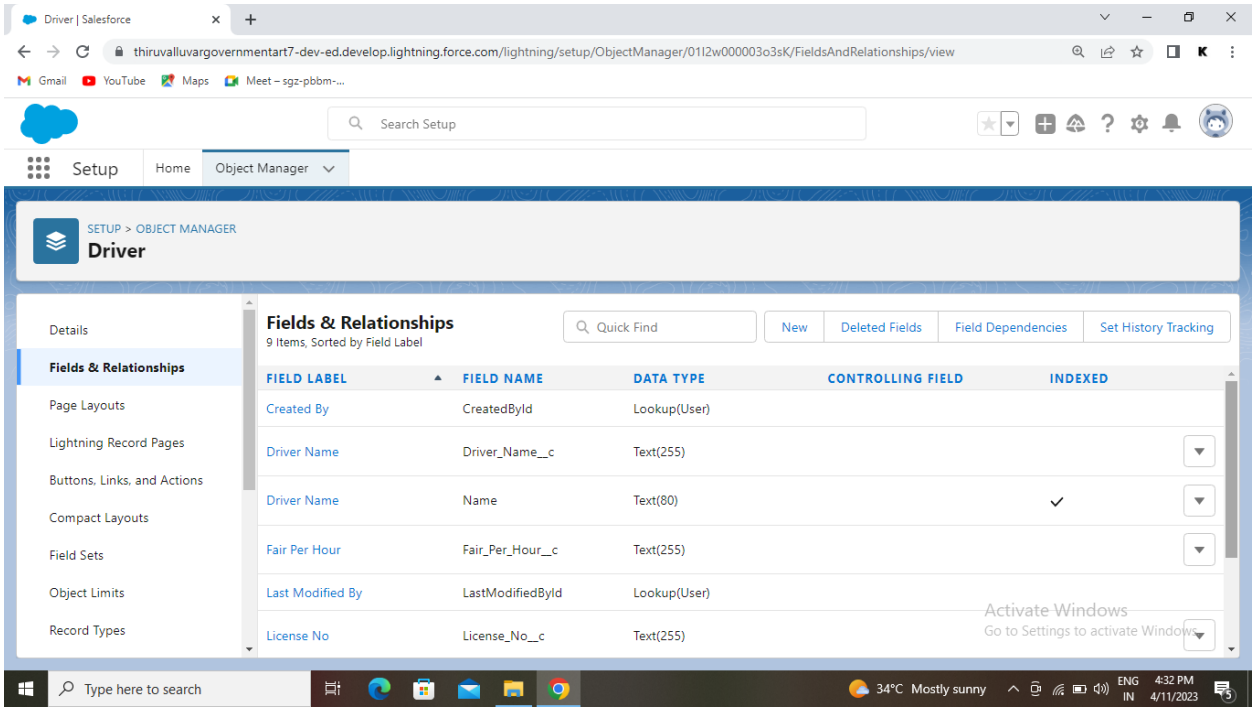
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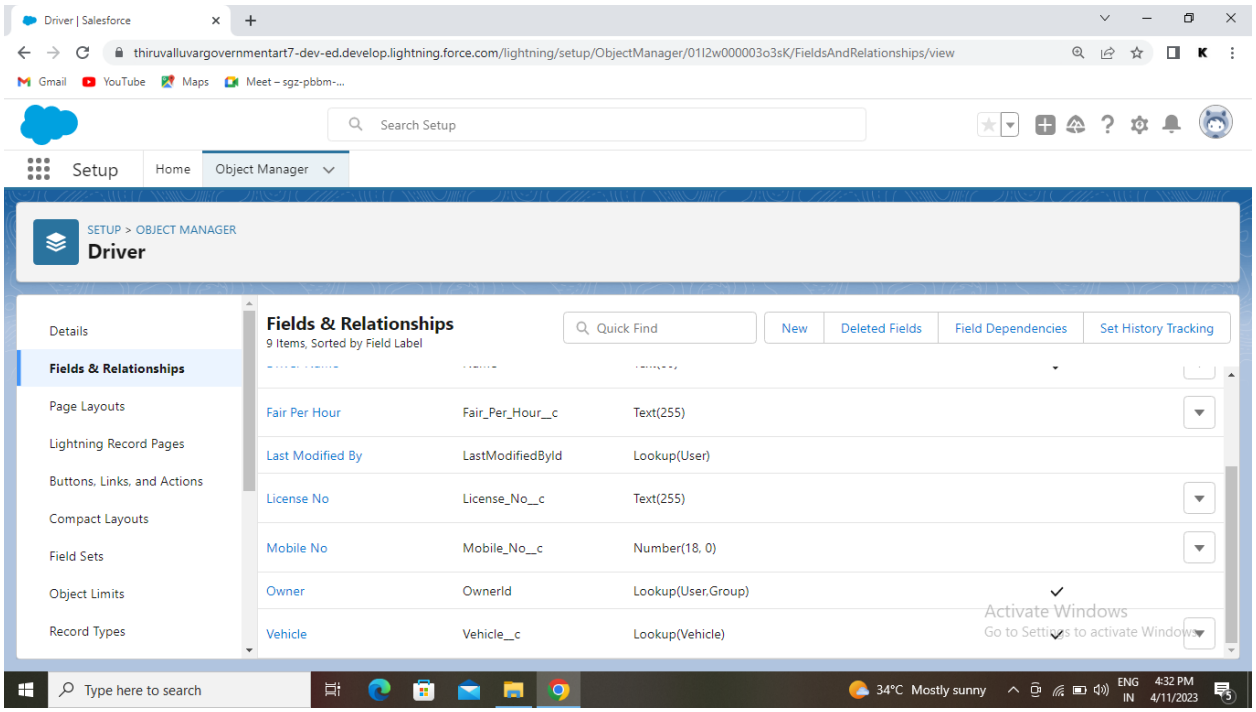
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Lookup(User)
License No
License_No__c
Text(255)
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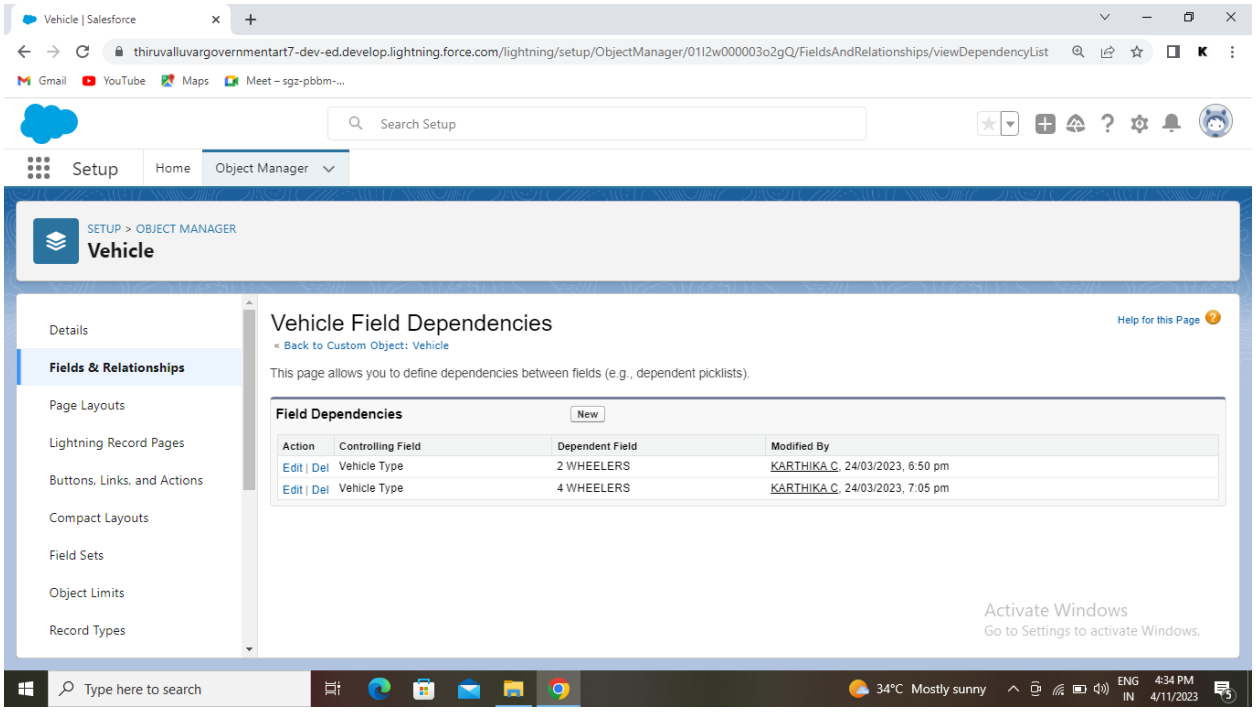
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SETUP > OBJECT MANAGER
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Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Vehicle Field Dependencies
Help for this Page
« Back to Custom Object: Vehicle
This page allows you to define dependencies between fields (e.g., dependent picklists).
Field Dependencies
New
Action
Controlling Field
Dependent Field
Modified By
Edit | Del
Vehicle Type
2 WHEELERS
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Vehicle Type
4 WHEELERS
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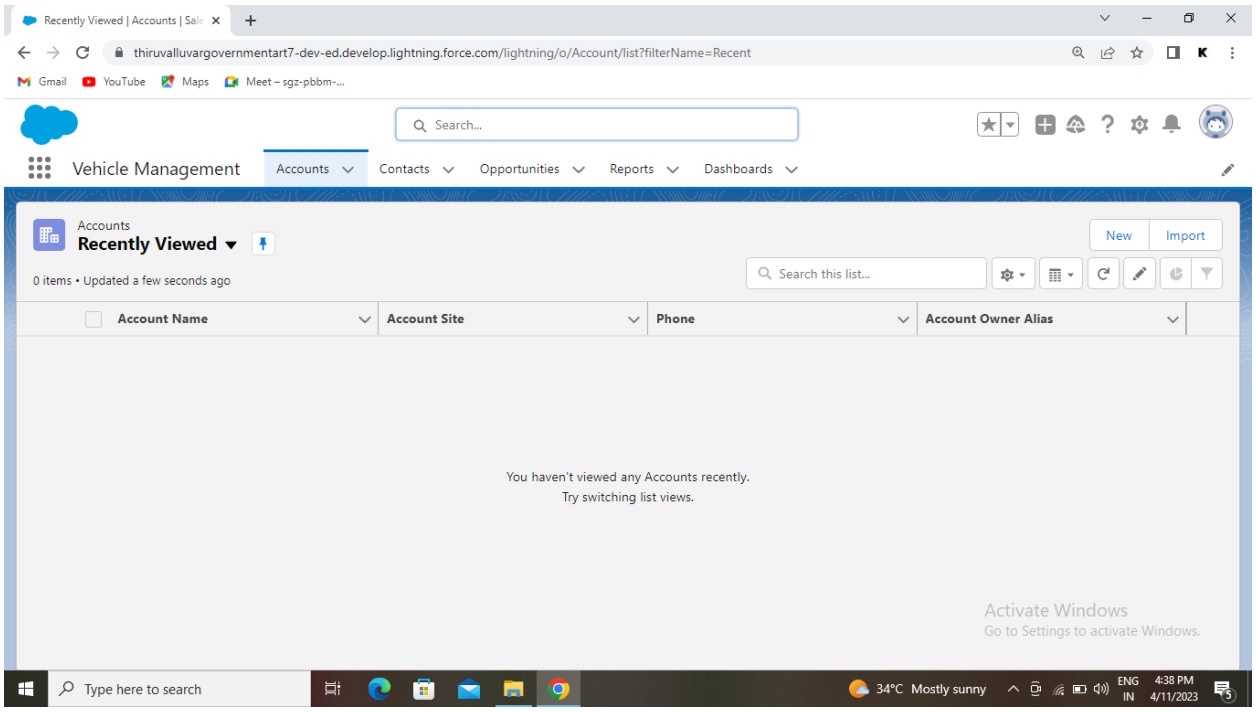
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Opportunities
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Recently Viewed
0 items • Updated a few seconds ago
New
Import
Search this list...
Account Name
Account Site
Phone
Account Owner Alias
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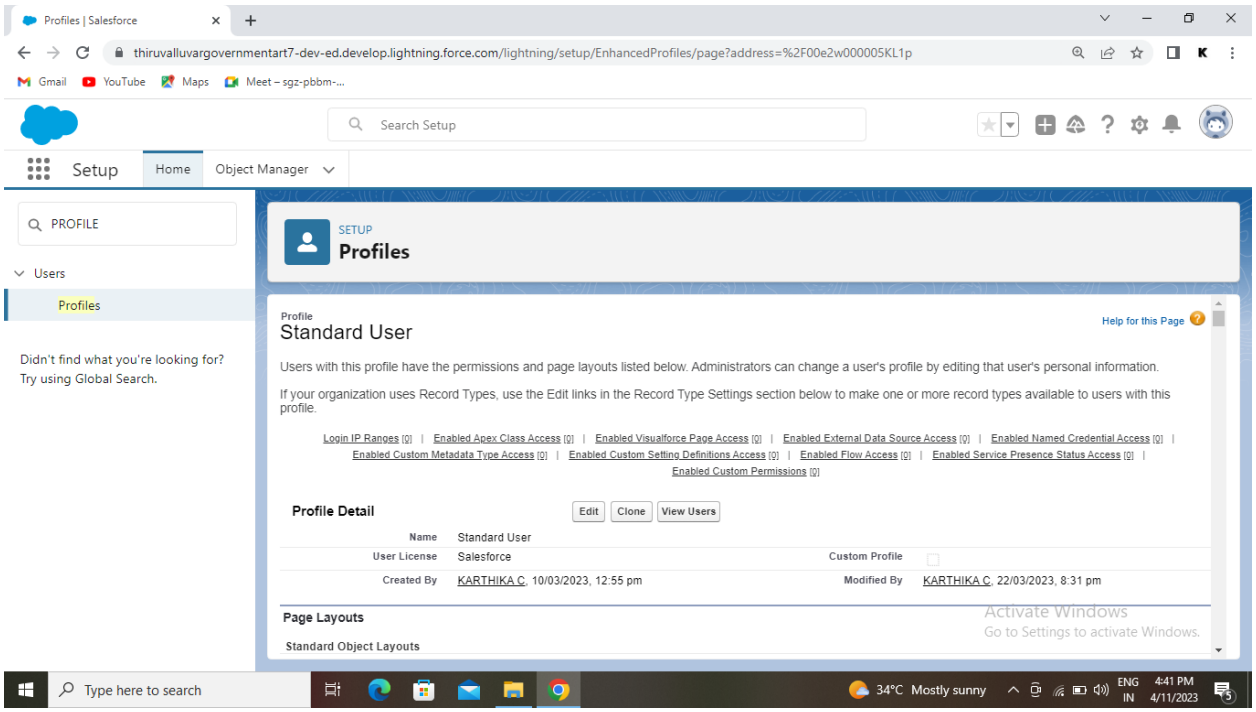
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Search Setup
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PROFILE
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Didn't find what you're looking for?
Try using Global Search.
SETUP
Profiles
Profile
Standard User
Help for this Page
Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.
If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.
Login IP Ranges [0] | Enabled Apex Class Access [0] | Enabled Visualforce Page Access [0] | Enabled External Data Source Access [0] | Enabled Named Credential Access [0] | Enabled Custom Metadata Type Access [0] | Enabled Custom Setting Definitions Access [0] | Enabled Flow Access [0] | Enabled Service Presence Status Access [0] | Enabled Custom Permissions [0]
Profile Detail
Edit
Clone
View Users
Name
Standard User
User License
Salesforce
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KARTHIKA C, 10/03/2023, 12:55 pm
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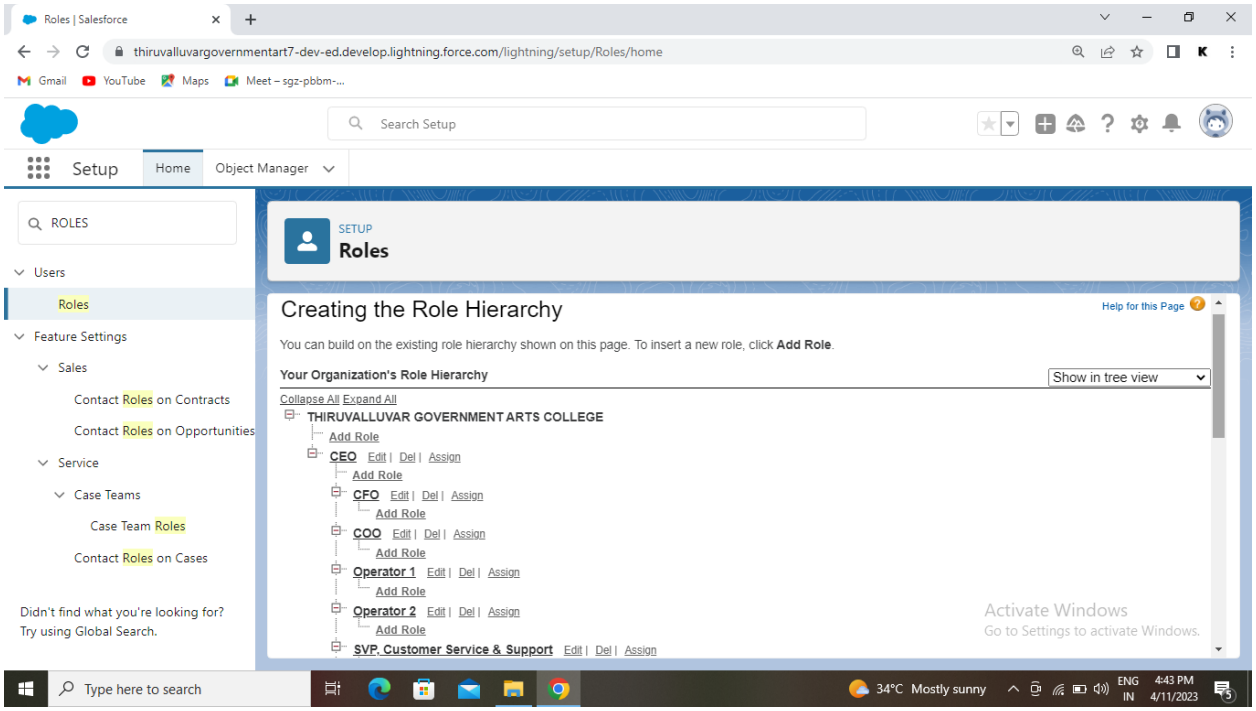
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Search Setup
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Didn't find what you're looking for?
Try using Global Search.
SETUP
Roles
Creating the Role Hierarchy
Help for this Page
You can build on the existing role hierarchy shown on this page. To insert a new role, click Add Role.
Your Organization's Role Hierarchy
Show in tree view
Collapse All Expand All
THIRUVALLUVAR GOVERNMENT ARTS COLLEGE
Add Role
CEO Edit | Del | Assign
Add Role
CFO Edit | Del | Assign
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COO Edit | Del | Assign
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Operator 1 Edit | Del | Assign
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Operator 2 Edit | Del | Assign
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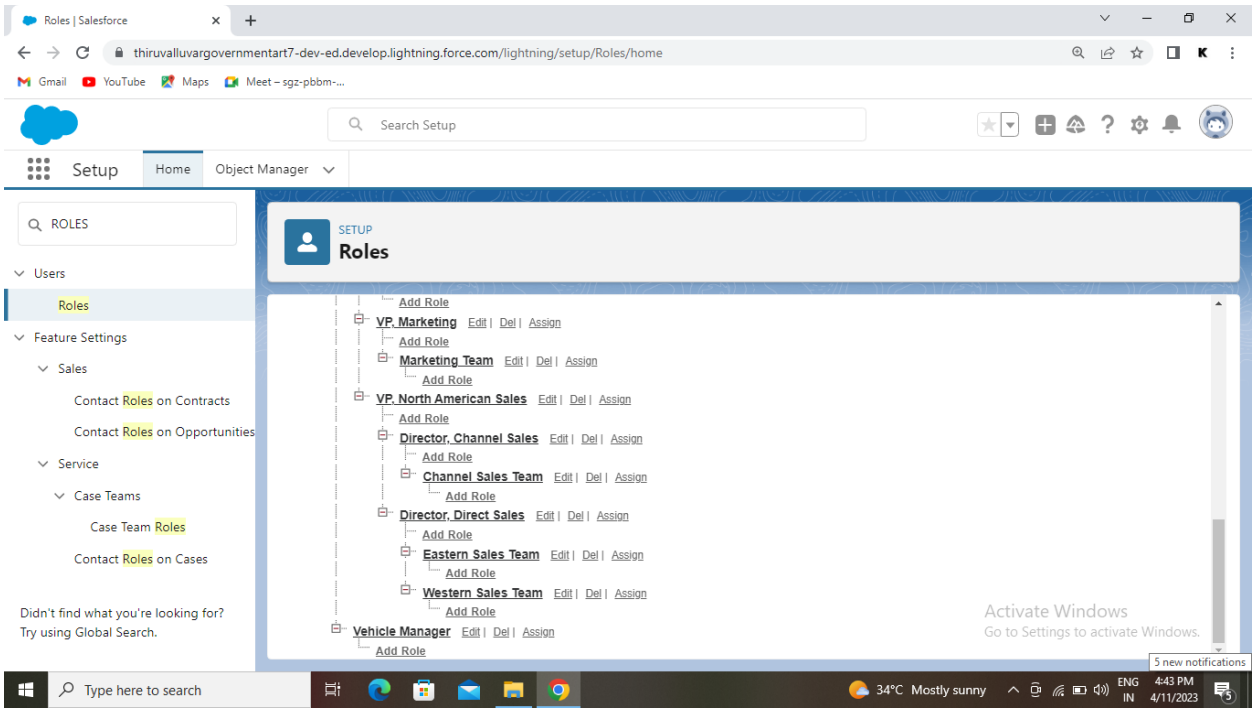
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Case Team Roles
Contact Roles on Cases
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SETUP
Roles
Add Role
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Marketing Team Edit | Del | Assign
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VP, North American Sales Edit | Del | Assign
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Director, Channel Sales Edit | Del | Assign
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Channel Sales Team Edit | Del | Assign
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Director, Direct Sales Edit | Del | Assign
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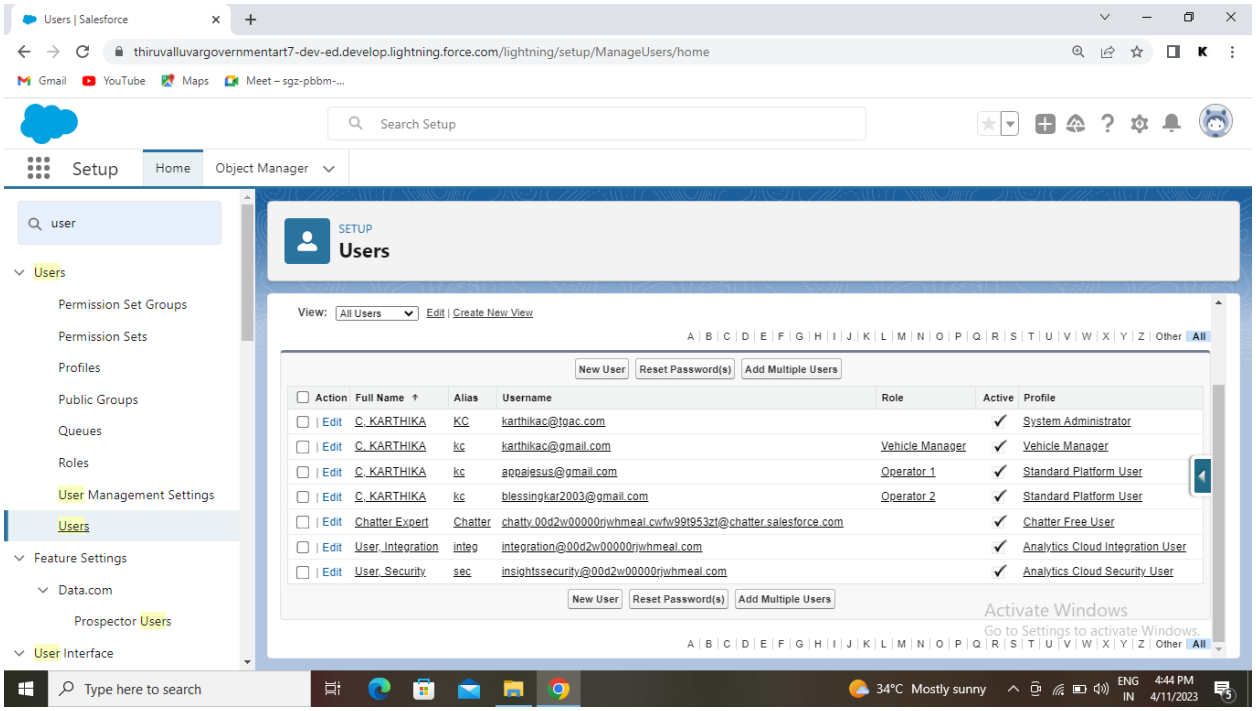
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Edit | C. KARTHIKA | kc | karthikac@gmail.com | Vehicle Manager | | Vehicle Manager
Edit | C. KARTHIKA | kc | appajesus@gmail.com | Operator 1 | | Standard Platform User
Edit | C. KARTHIKA | kc | blessingkar2003@gmail.com | Operator 2 | | Standard Platform User
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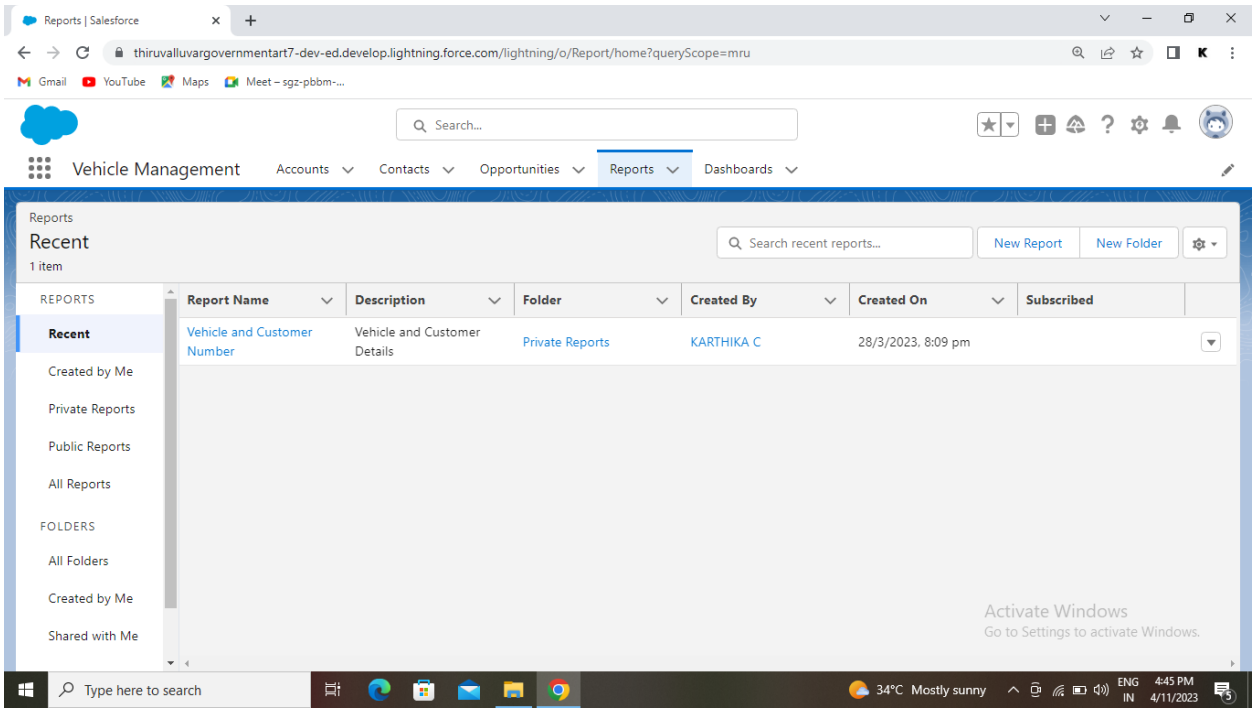
Reports | Salesforce
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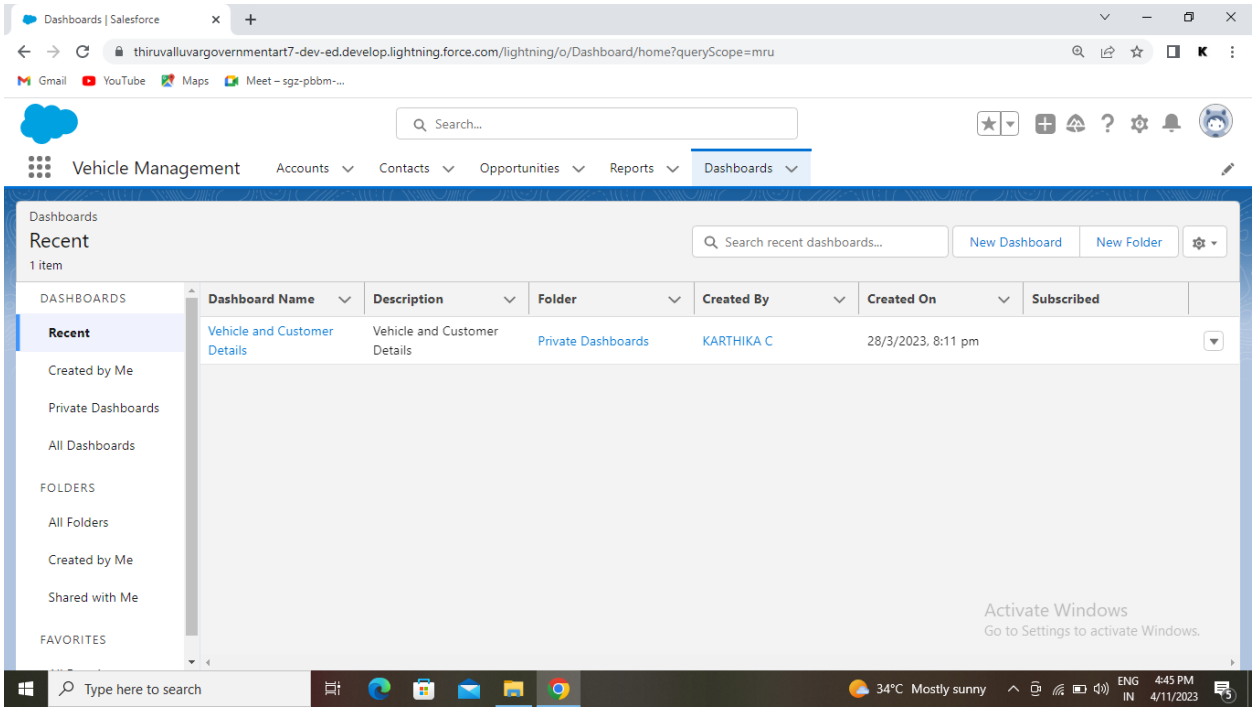

4 TRAILHEAD PROFILE PUBLIC URL

Team Lead- https://trailblazer.me/id/adcdefgh1
Team Member 1- https://trailblazer.me/id/asdfgh3
Team Member 2- https://trailblazer.me/id/zyxwvu
Team Member 3- https://trailblazer.me/id/ammabi3

5 ADVANTAGES

- Easy to manage and cost-effective.
- Because of that there is no towing problems
- No human employee is required

DISADVANTAGE

- Vehicles stand does not specified current location in the parking fields

6 APPLICATIONS

The applications of Vehicle Management are

1. Market place
2. Colleges/Schools
3. Enterprises and Institutions
4. Hospital
5. Factory and Bank, etc

7 CONCLUSION

1. Use this project for industrial purposes in a wide range
2. Low cost
3. The accuracy of this project may be improved by adding some features.

8 FUTURE SCOPE

In the modern age, many people have vehicles. vehicle is now a basic need. Every place is under the process of urbanization. There are many corporate offices and shopping centers etc. There are many recreational place where people used to go for refreshment. So, all these places need parking space where people can park their vehicles safely and easily. Every parking area needs a system that records the detail of vehicles to give the facility. These systems might be computerized or non-computerized. With the help of computerized system we can deliver a good service to customer who wants to park their vehicle into the any organization's premises.