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.

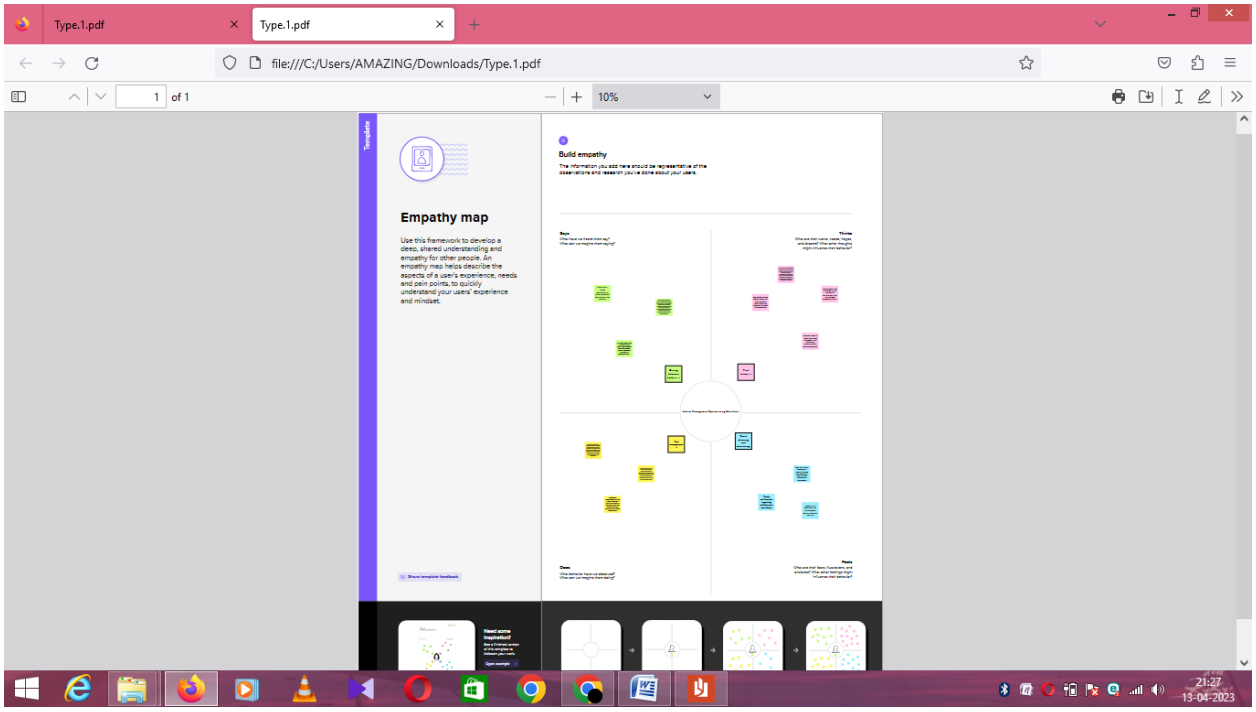
1.2 Purpose

Depending on the type of vehicle management system

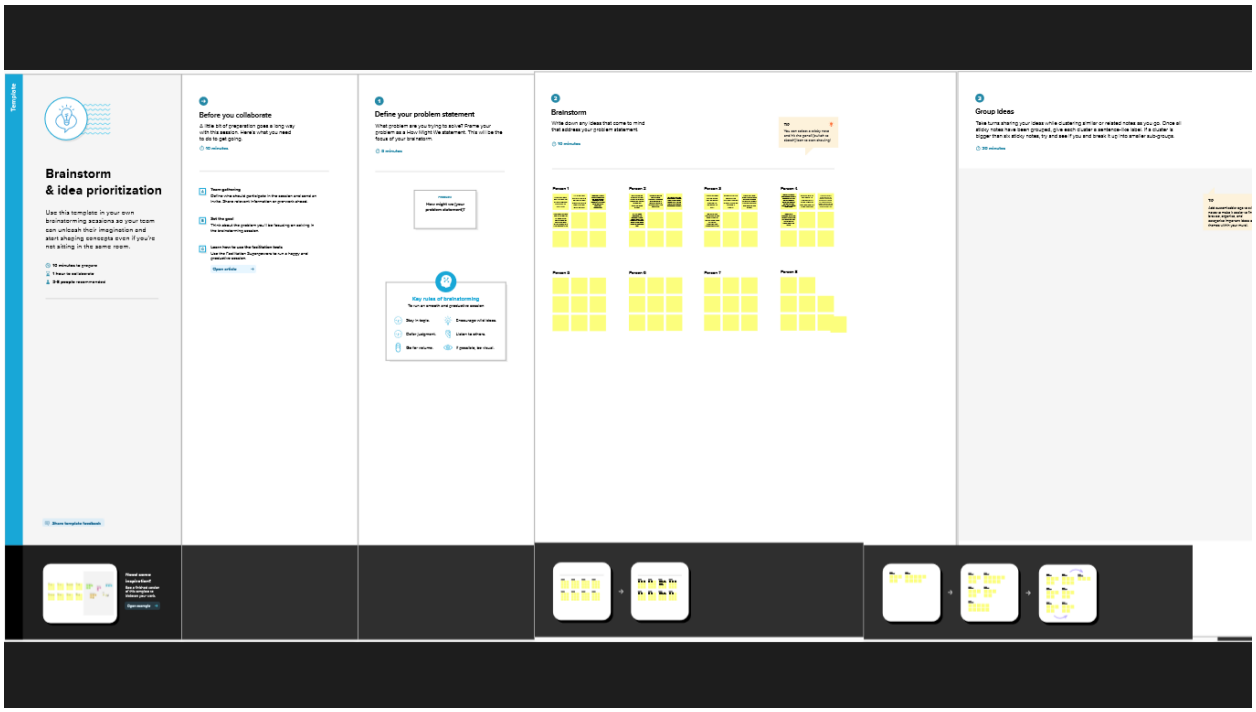
- Improve fleet safety and working conditions
- Improve the behavior and performance of drivers and beat unsafe driving
- Schedule shifts and work hours
- Manage fuel efficiency
- Track vehicles, assets or professional equipment

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

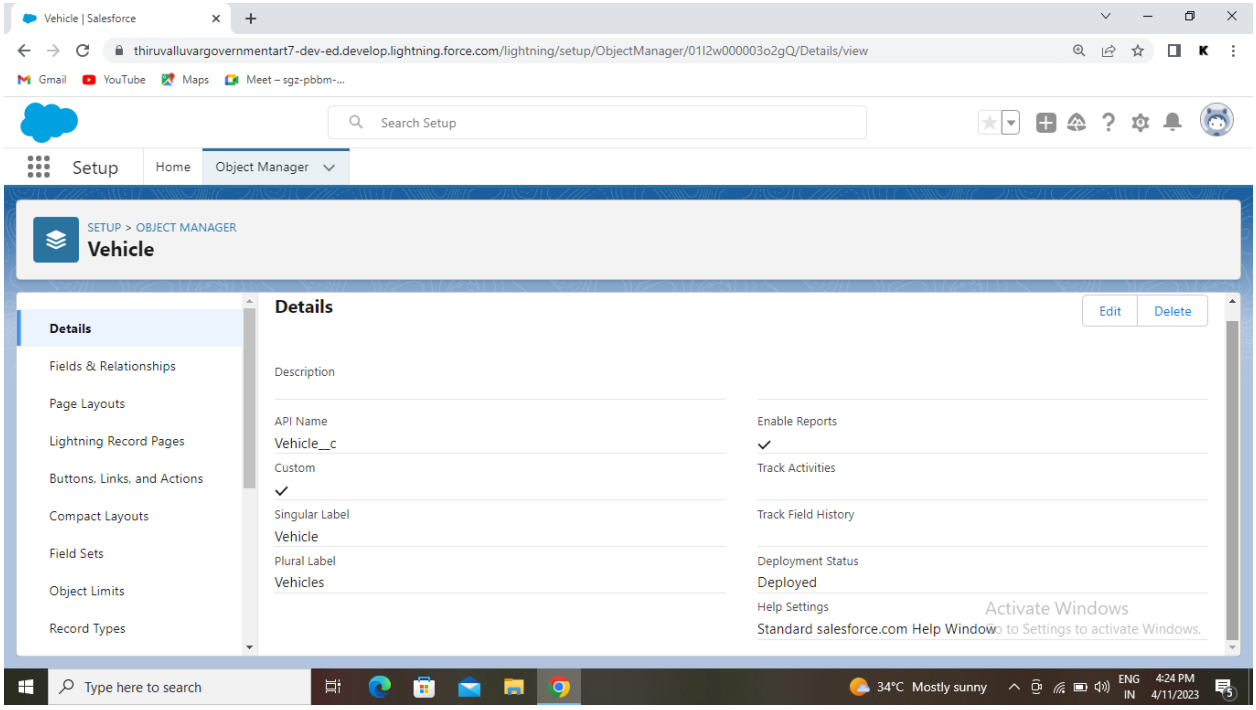
OBJECT 1

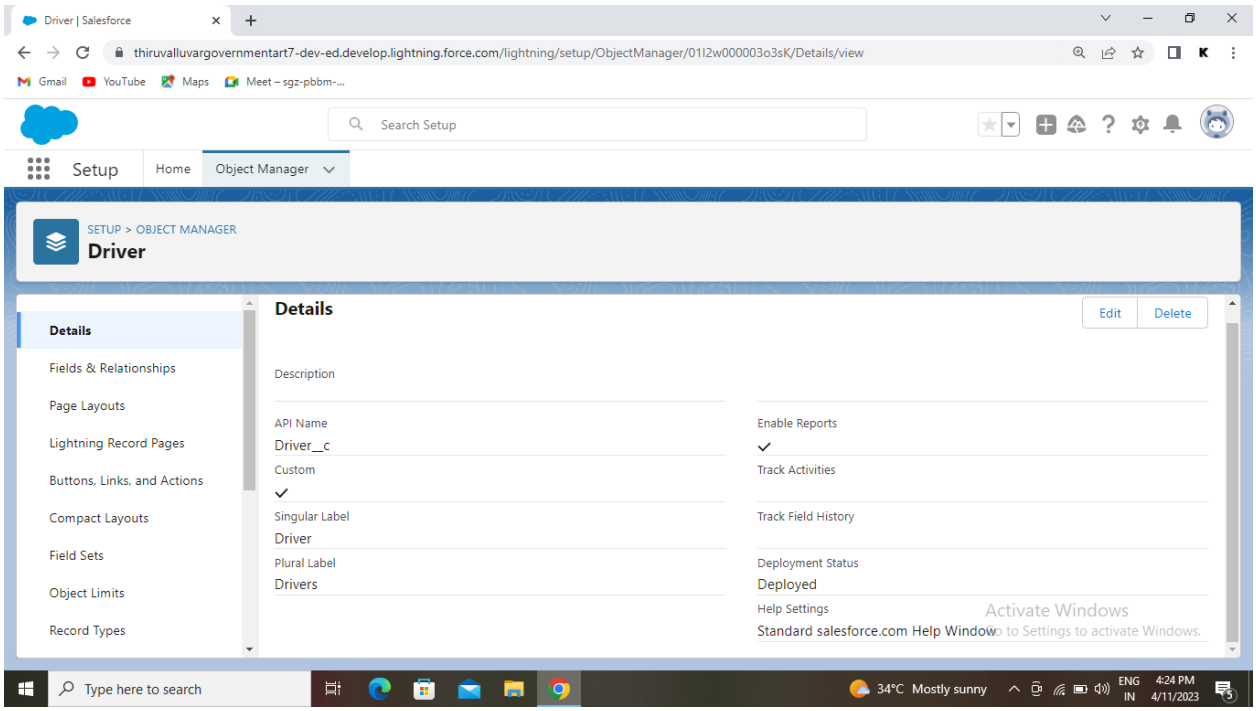
S.NO	FIELD LABEL	DATA TYPE
1	customer name	Text
2	Customer mobile no	Number
3	Vehicle type i)2wheeler ii)4wheeler	Picklist
4	2wheeler i)HERO ii)HONDA iii)BAJAJ iv)ROYAL ENFIELD v)TVS vi)KINECTIC vii)OLA viii)JAWA ix)SD x)BATTERY	Picklist
5	4wheeler i)RENAULT ii)SKODA iii)HONDA iv)HYUNDAI v)SUZUKI vi)MAHINDRA 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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Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Driver
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Edit
Delete
Description
API Name
Driver__c
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Plural Label
Drivers
Enable Reports
Track Activities
Track Field History
Deployment Status
Deployed
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ENG IN
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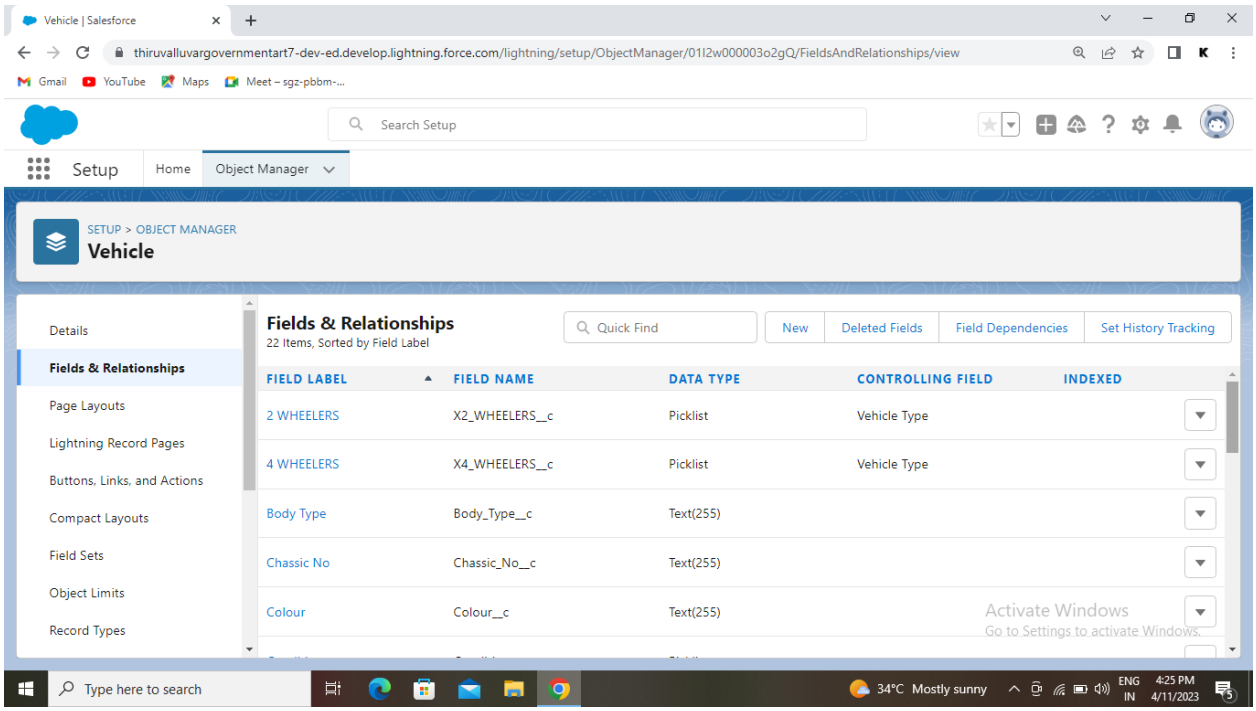
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Fields & Relationships
Page Layouts
Lightning Record Pages
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Compact Layouts
Field Sets
Object Limits
Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
2 WHEELERS
X2_WHEELERS__c
Picklist
Vehicle Type
4 WHEELERS
X4_WHEELERS__c
Picklist
Vehicle Type
Body Type
Body_Type__c
Text(255)
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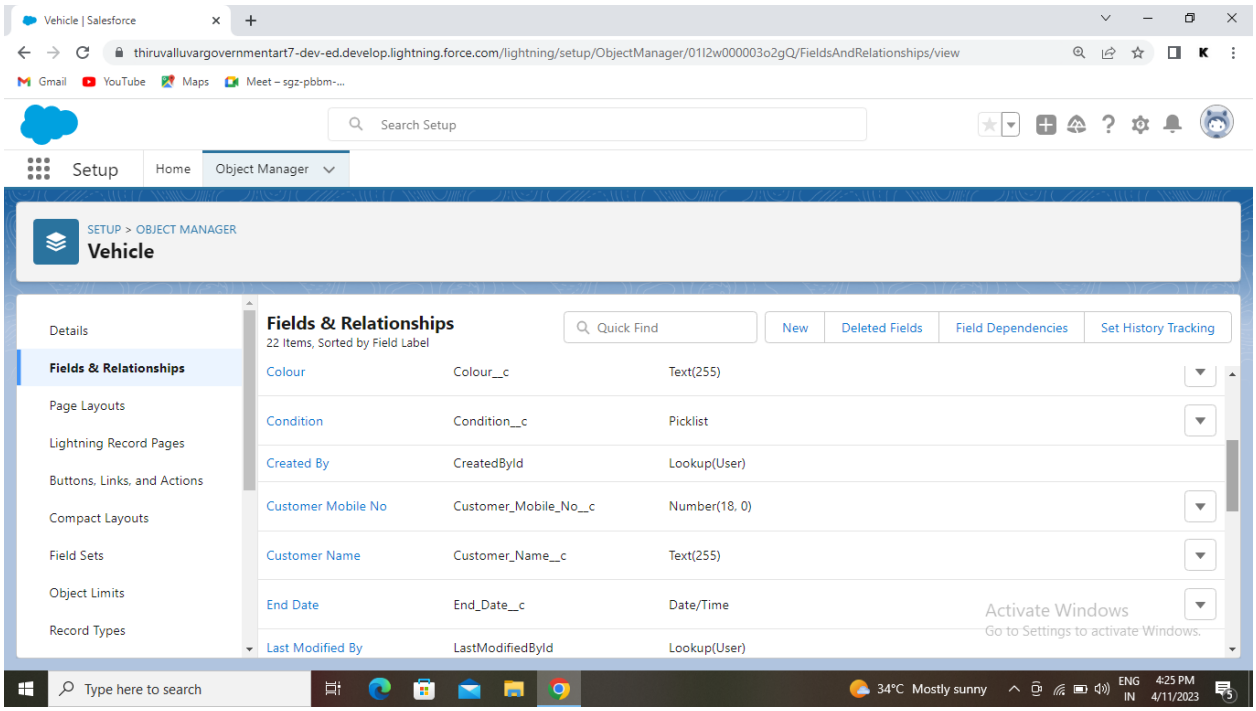
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Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set 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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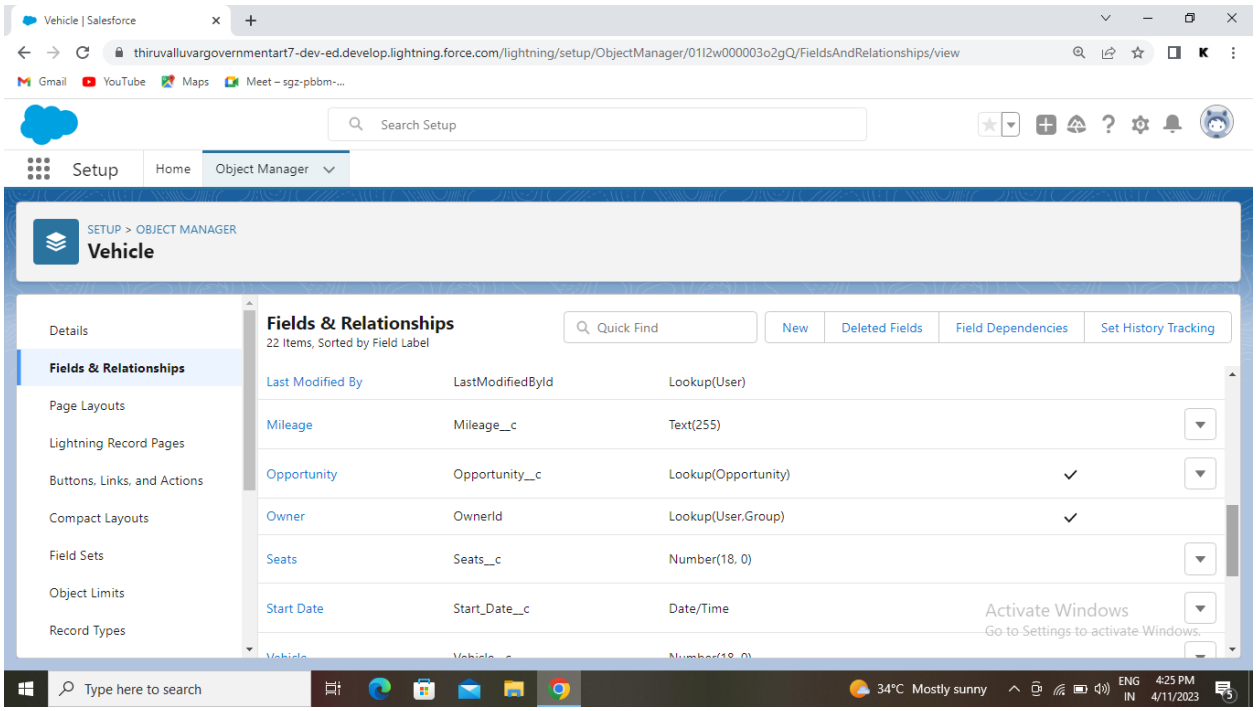
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Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
Last Modified By LastModifiedById Lookup(User)
Mileage Mileage__c Text(255)
Opportunity Opportunity__c Lookup(Opportunity)
Owner OwnerId Lookup(User,Group)
Seats Seats__c Number(18, 0)
Start Date Start_Date__c Date/Time
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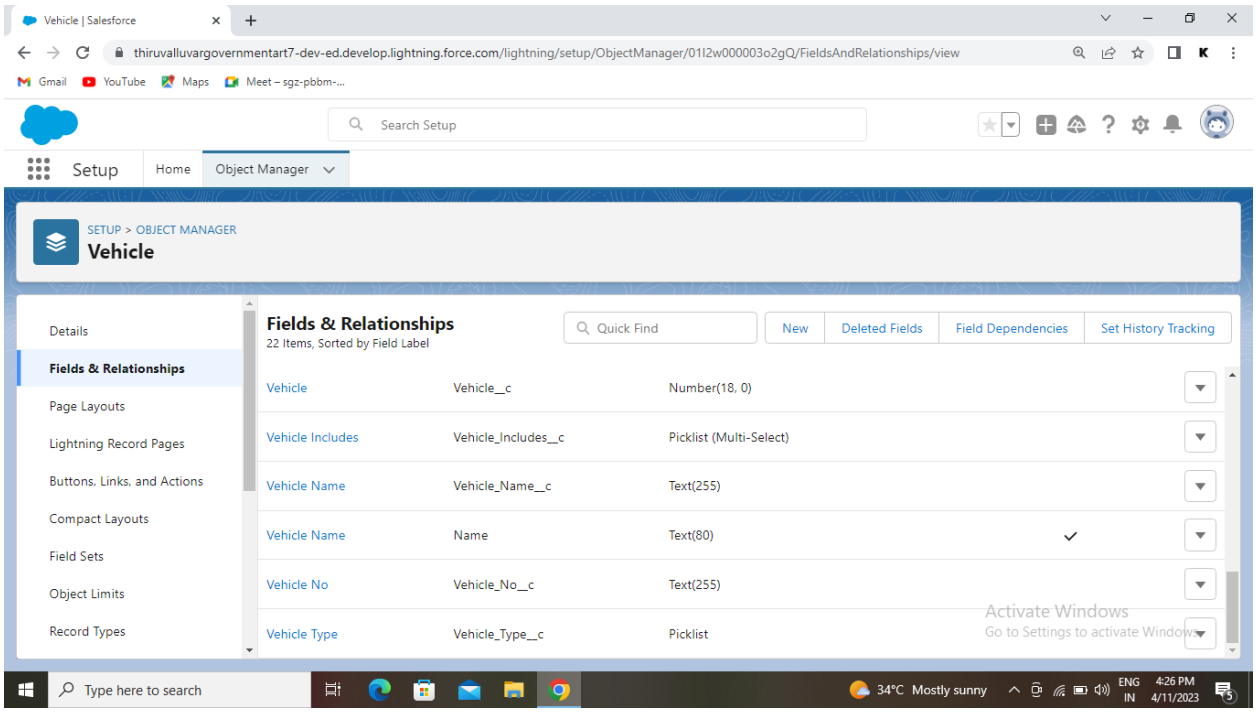
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Field Sets
Object Limits
Record Types
Fields & Relationships
22 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
Vehicle Vehicle__c Number(18, 0)
Vehicle Includes Vehicle_Includes__c Picklist (Multi-Select)
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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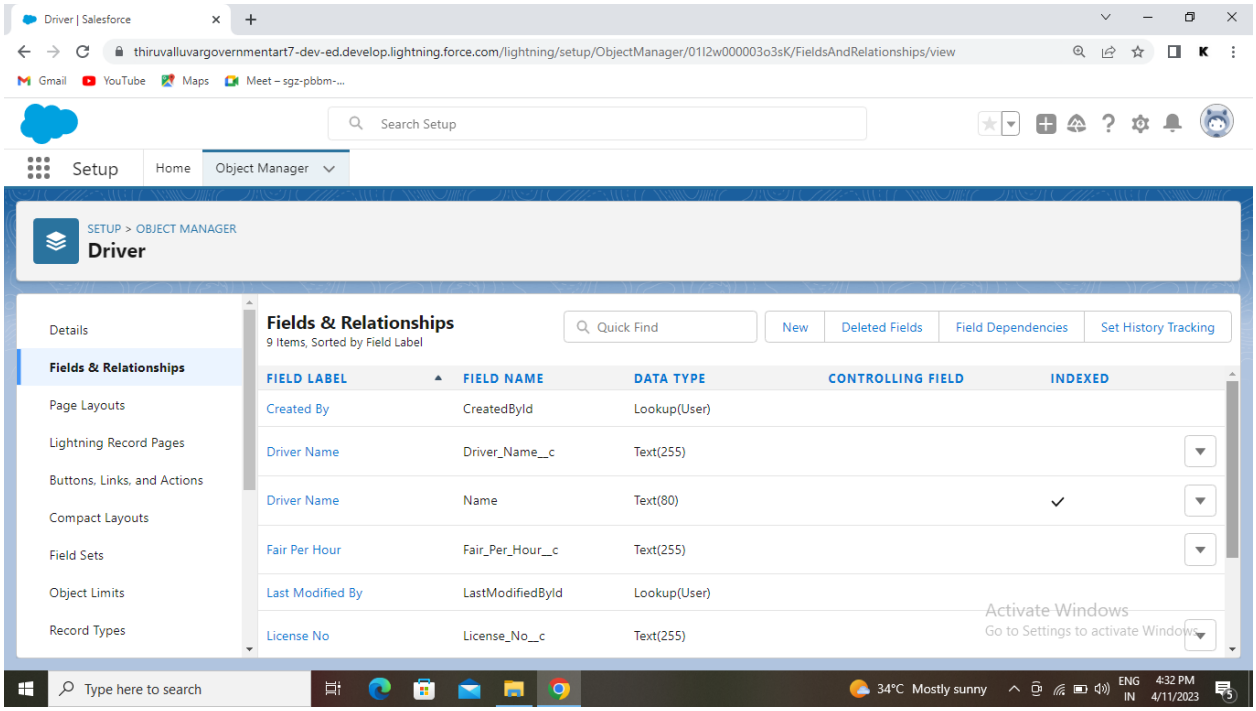
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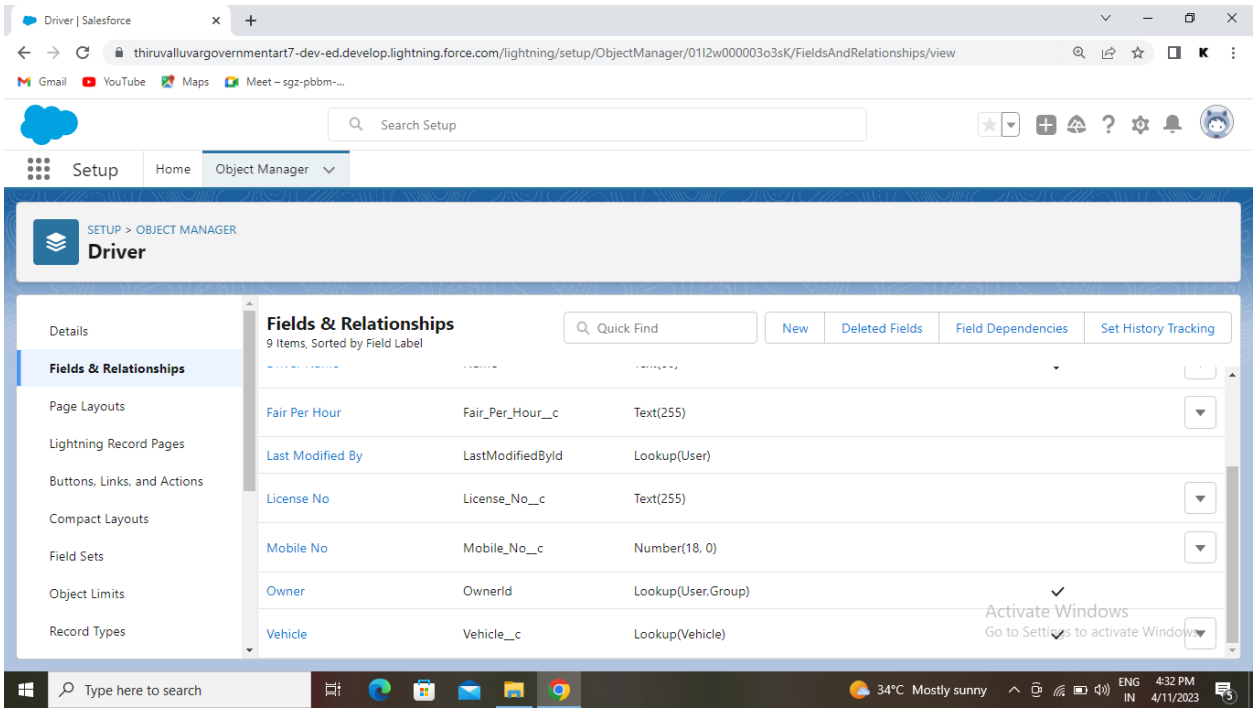
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Object Limits
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Deleted Fields
Field Dependencies
Set History Tracking
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License_No__c
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Owner
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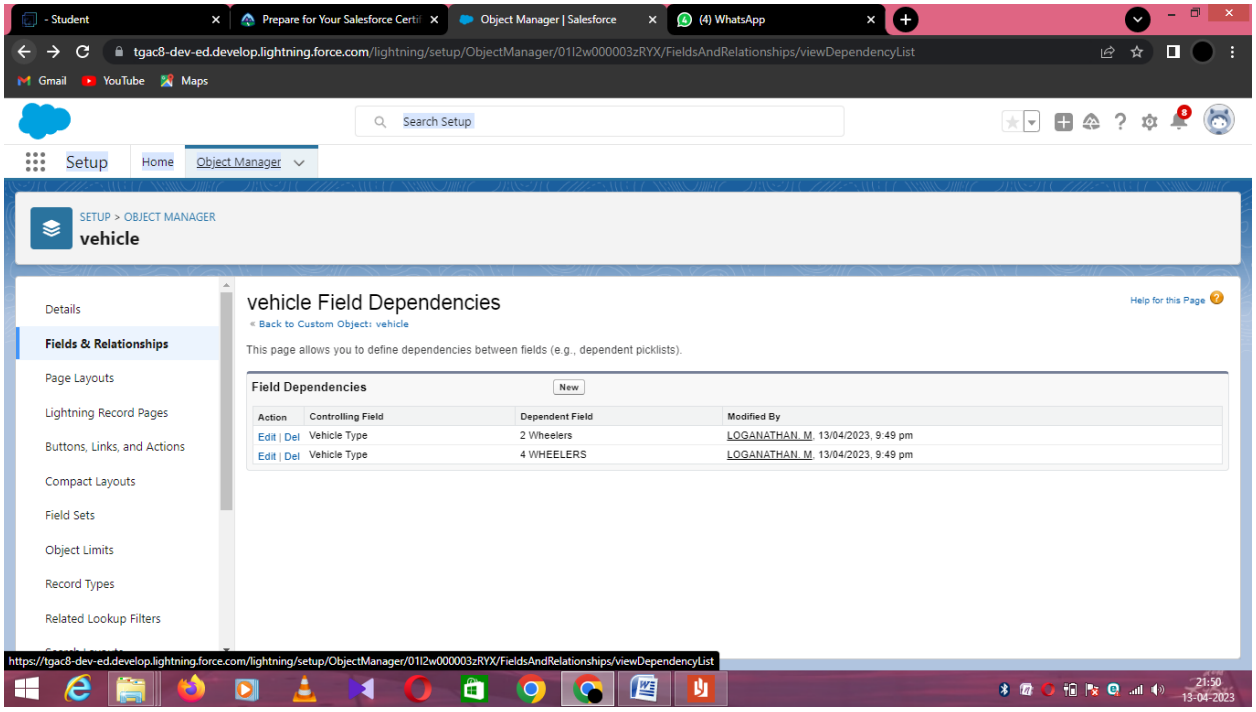
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vehicle
Details
Fields & Relationships
Page Layouts
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Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
vehicle Field Dependencies
« Back to Custom Object: vehicle
Help for this Page
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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Edit | Del
Vehicle Type
4 WHEELERS
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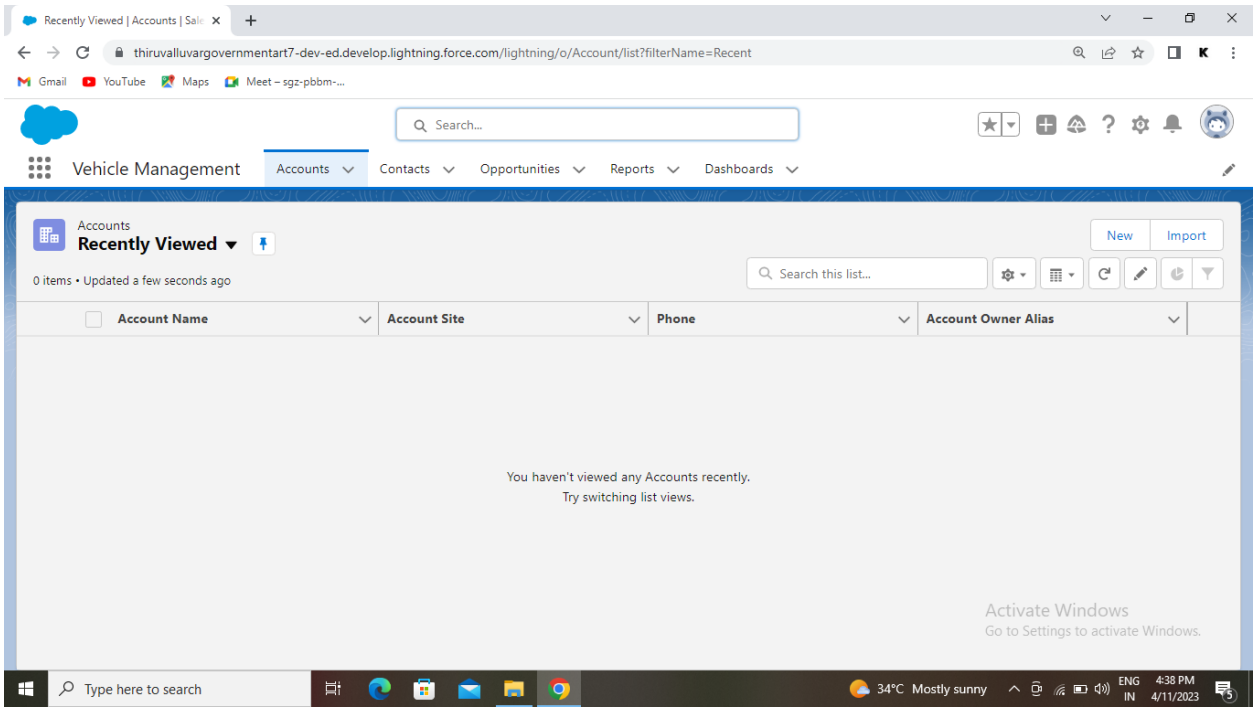
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Maps
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Vehicle Management
Accounts
Contacts
Opportunities
Reports
Dashboards
Accounts
Recently Viewed
0 items • Updated a few seconds ago
New
Import
Search this list...
Account Name
Account Site
Phone
Account Owner Alias
You haven't viewed any Accounts recently.
Try switching list views.
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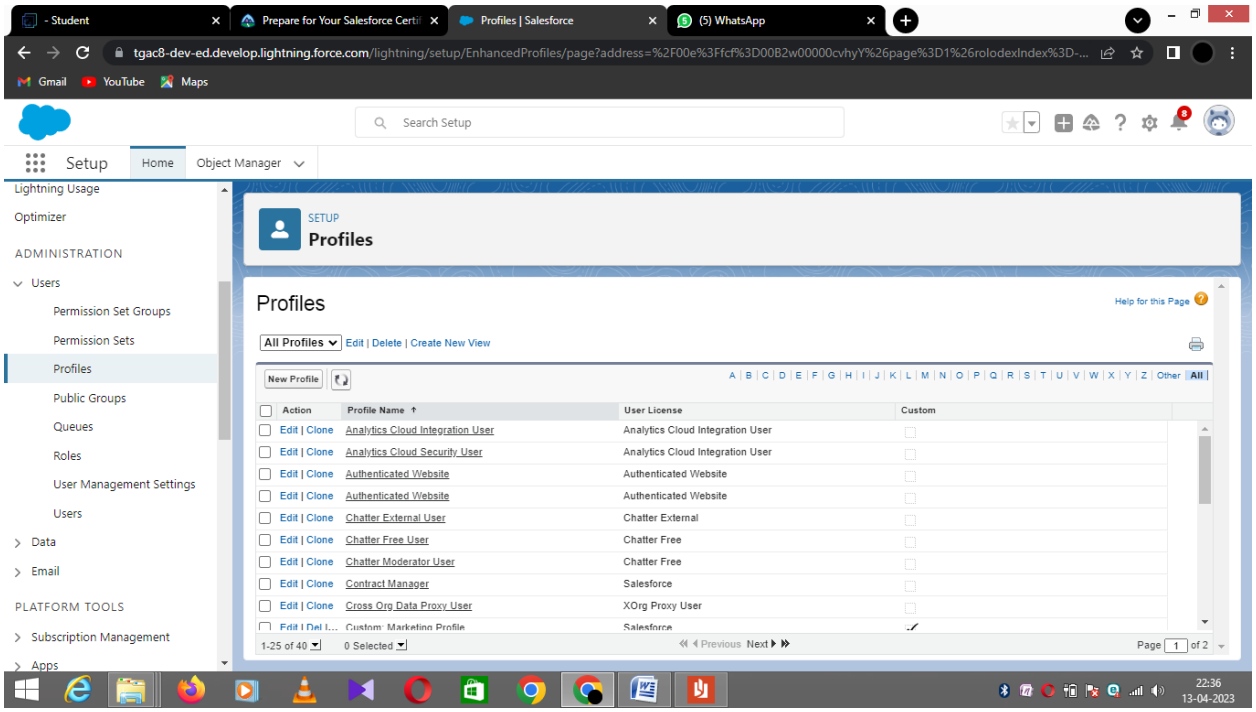
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Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Data
Email
PLATFORM TOOLS
Subscription Management
Apps
SETUP
Profiles
Profiles
Help for this Page
All Profiles
Edit | Delete | Create New View
New Profile
A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All
Action
Profile Name
User License
Custom
Edit | Clone
Analytics Cloud Integration User
Analytics Cloud Integration User
Edit | Clone
Analytics Cloud Security User
Analytics Cloud Integration User
Edit | Clone
Authenticated Website
Authenticated Website
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Edit | Clone
Chatter External User
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Chatter Free
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Chatter Moderator User
Chatter Free
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Contract Manager
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1-25 of 40
0 Selected
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Page 1 of 2
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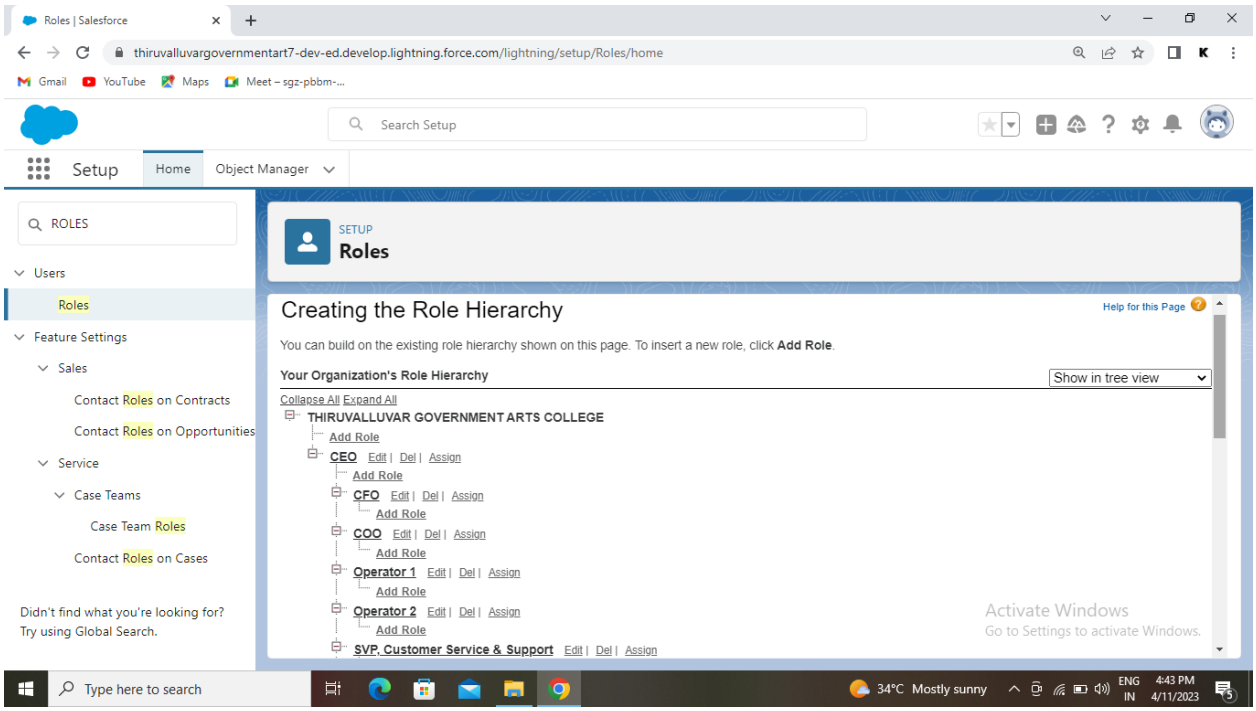
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Users
Roles
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Contact Roles on Contracts
Contact Roles on Opportunities
Service
Case Teams
Case Team Roles
Contact Roles on Cases
Didn't find what you're looking for?
Try using Global Search.
SETUP
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
Add Role
COO Edit | Del | Assign
Add Role
Operator 1 Edit | Del | Assign
Add Role
Operator 2 Edit | Del | Assign
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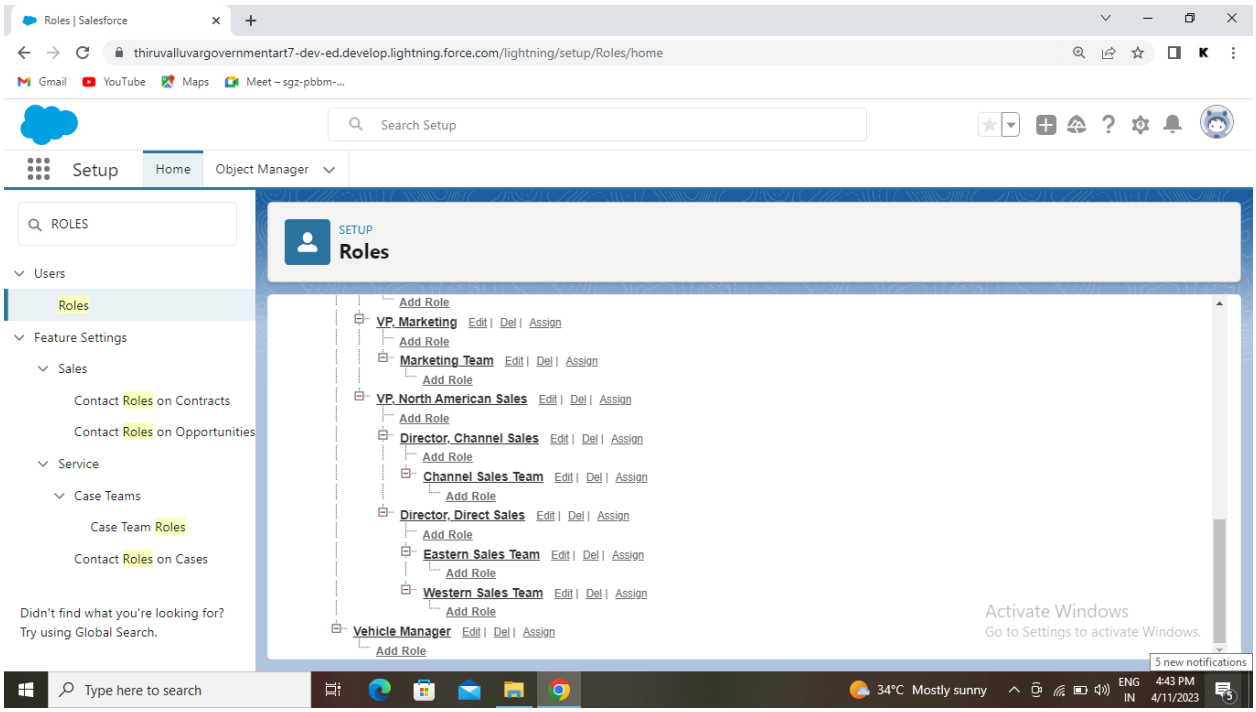
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Contact Roles on Opportunities
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Case Team Roles
Contact Roles on Cases
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Roles
Add Role
VP, Marketing Edit | Del | Assign
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Marketing 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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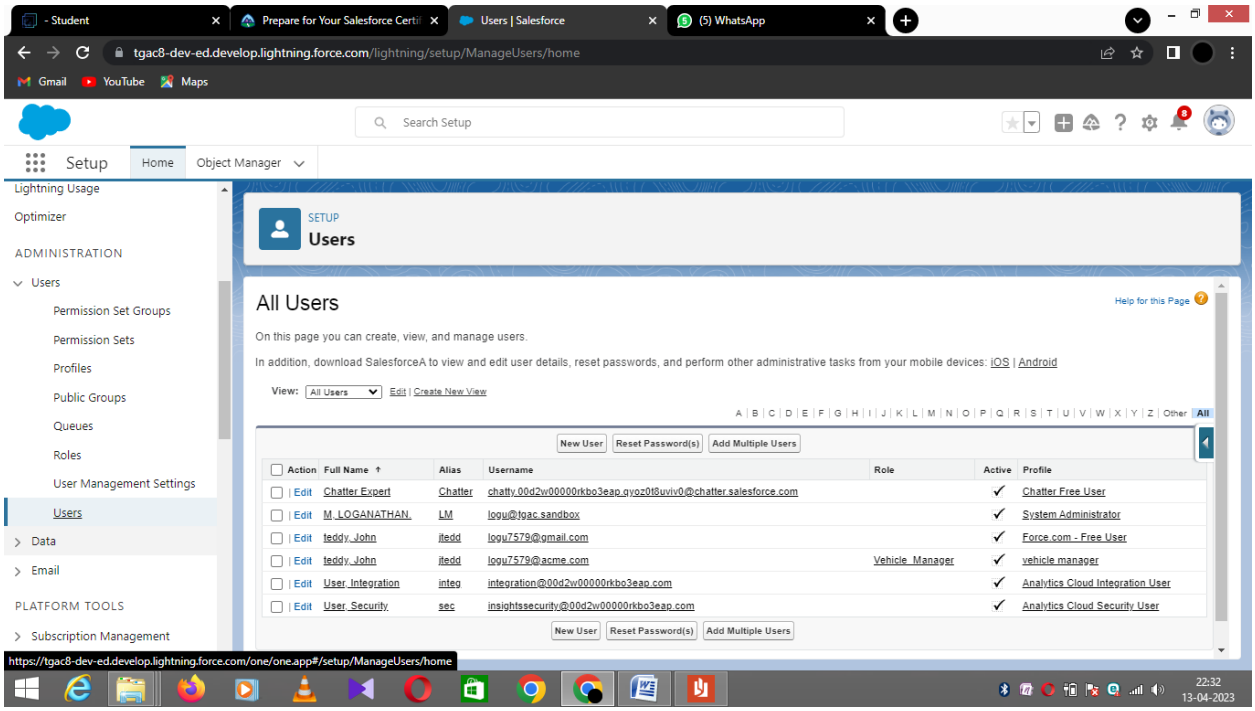
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Profiles
Public Groups
Queues
Roles
User Management Settings
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PLATFORM TOOLS
Subscription Management
SETUP
Users
All Users
Help for this Page
On this page you can create, view, and manage users.
In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: iOS | Android
View: All Users
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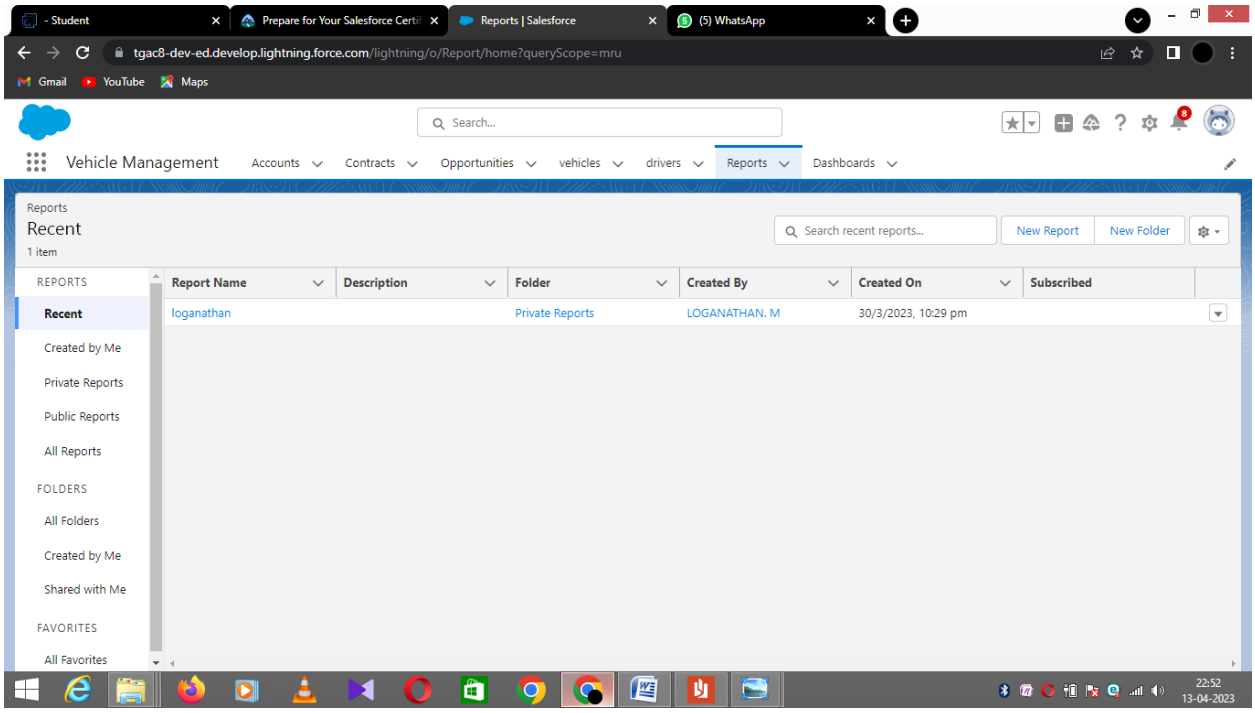
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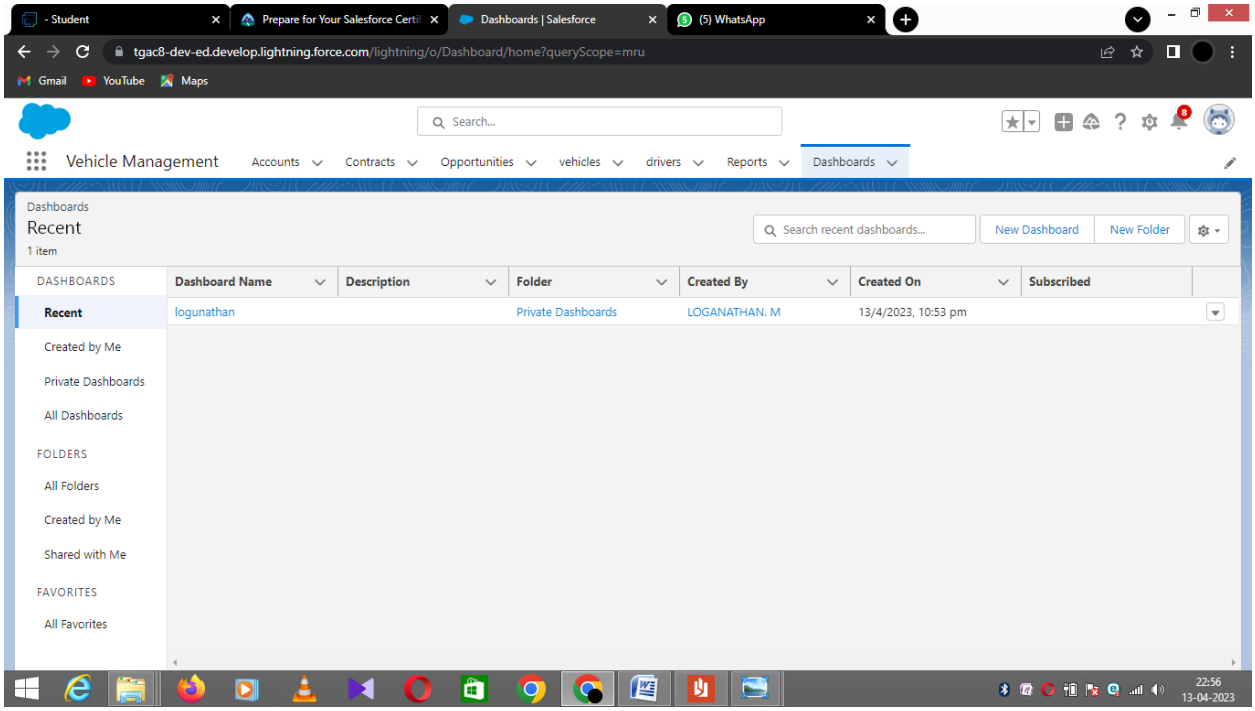

4 TRAILHEAD PROFILE PUBLIC URL

Team Lead- https://trailblazer.me/id/sents21

Team Member 1- https://trailblazer.me/id/anana68

Team Member 2- https://trailblazer.me/id/logam7

Team Member 3- https://trailblazer.me/id/kalaa17

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.