VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

SUBMITTED BY

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1 INTRODUCTION

1.1 Overview

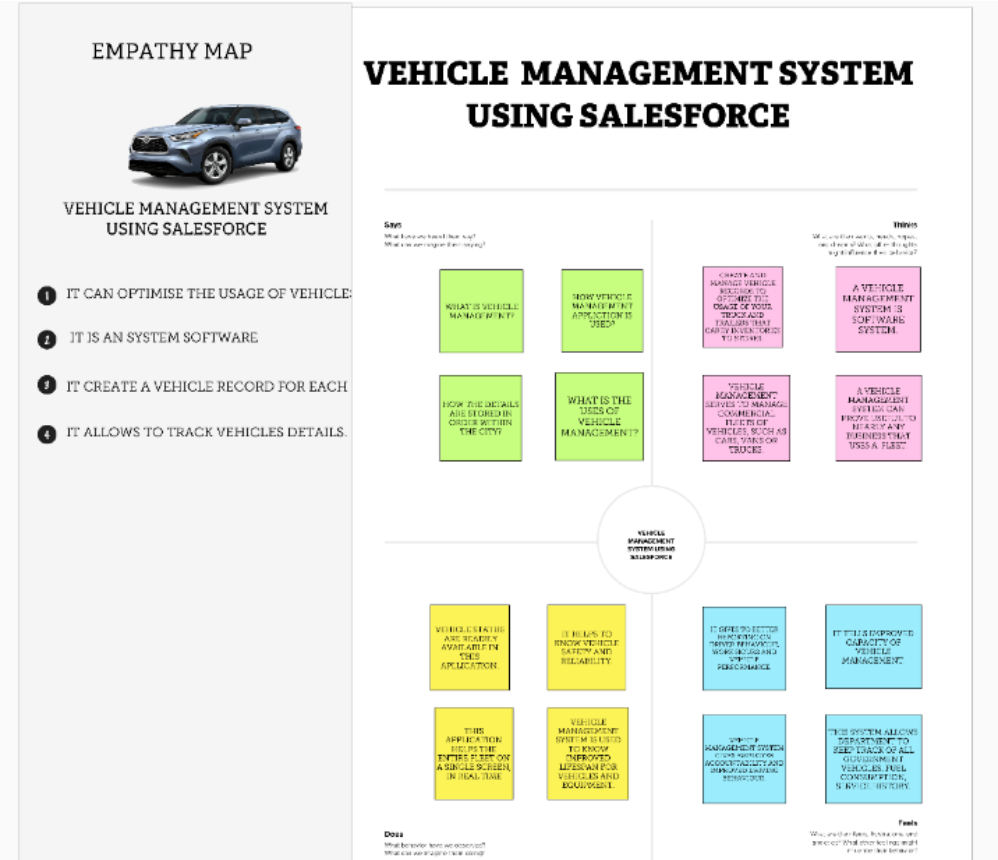
Vehicle Management System is software which is helpful for bus operators, who wants to operate many bus trips in a day. Vehicle Management System is a windows application written for 32-bit Windows operating systems which focused in the area of adding, editing and deleting the passengers, staff and the bus routes. In this software a person can be register as a user and he can manage the bus routes and the staff, passengers details.He can add a bus and its details including bus route details. User can also add the details of the staff and their duty time in the system.

1.2 Purpose

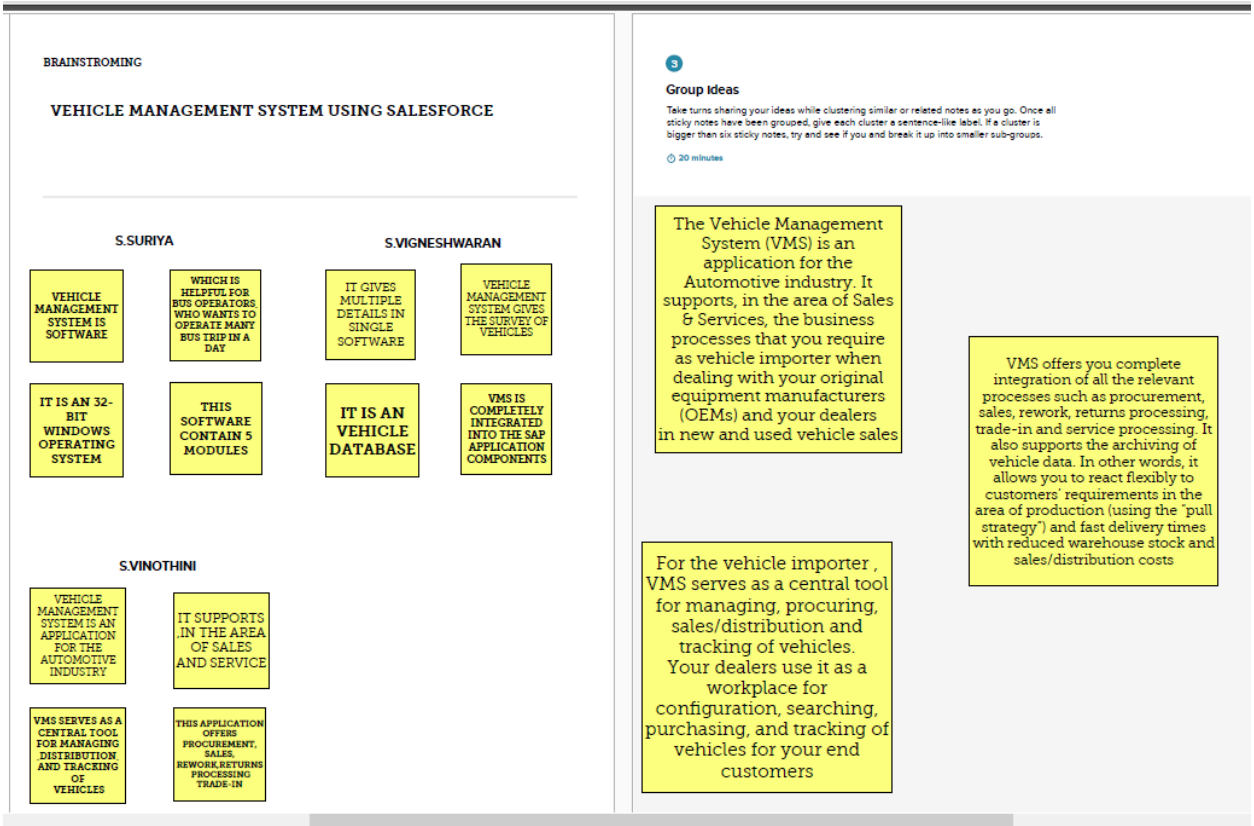
A vehicle management system keeps the record of every important function & daily activities such as vehicle type, vehicle fitness, document validity date, insurance policy, etc. It also keeps the record of driver & helper details to monitories & improves their productivity. Beside trip & fleet operation records also be recorded by it. To keep your company lifetime detail a vehicle management system provides you the best opportunity.

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	
Vehicle	Field label	Data type
	Customer Name	Text
	Customer Mobile No	Number
	2WHEELERS	Picklist
	Vehicle name	Text
Driver	Field label	Data type
	Driver Name	Text
	Licence No	Text
	Mobile No	Number
	Fair Per Hour	Text

3.2 Activity & Screenshot

MILESTONE 1:Creation Salesforce Org:

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Last Name* S

Email* vinothiniias2003@gmail.com

Role* Developer

Company* Arignar Anna Government Arts College Musiri

Country/Region* India

Postal Code* 621211

Username* vinos@aagacm.com

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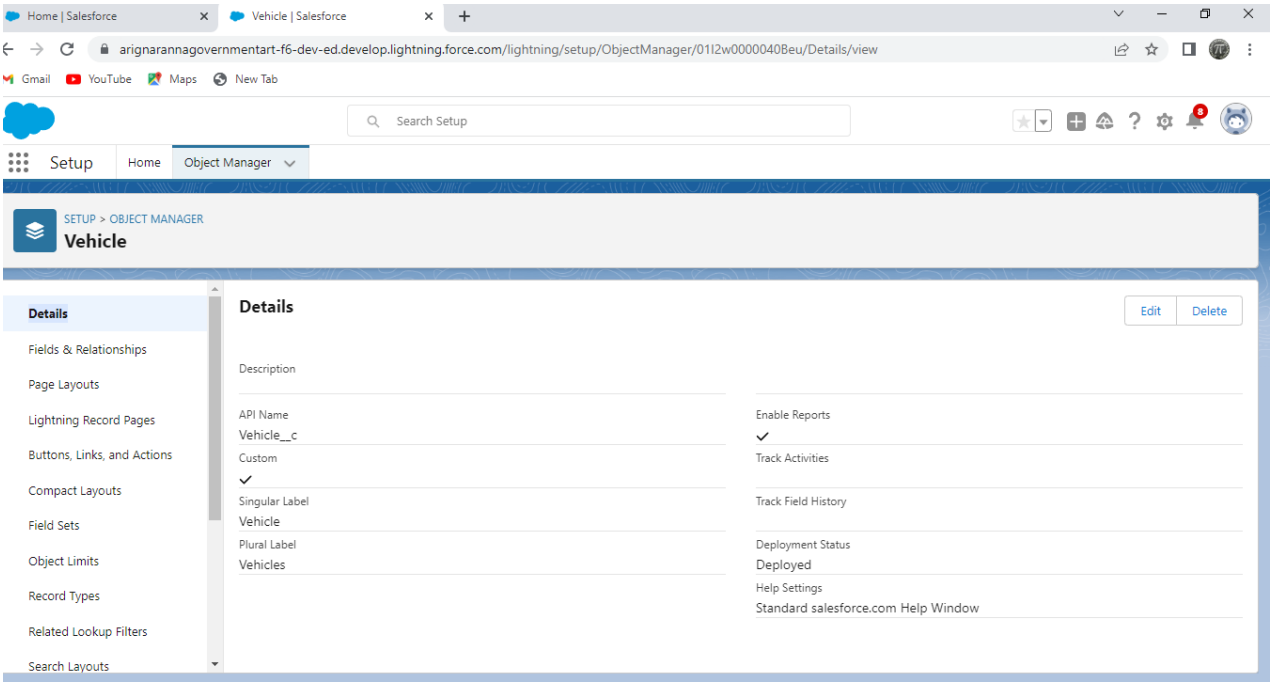
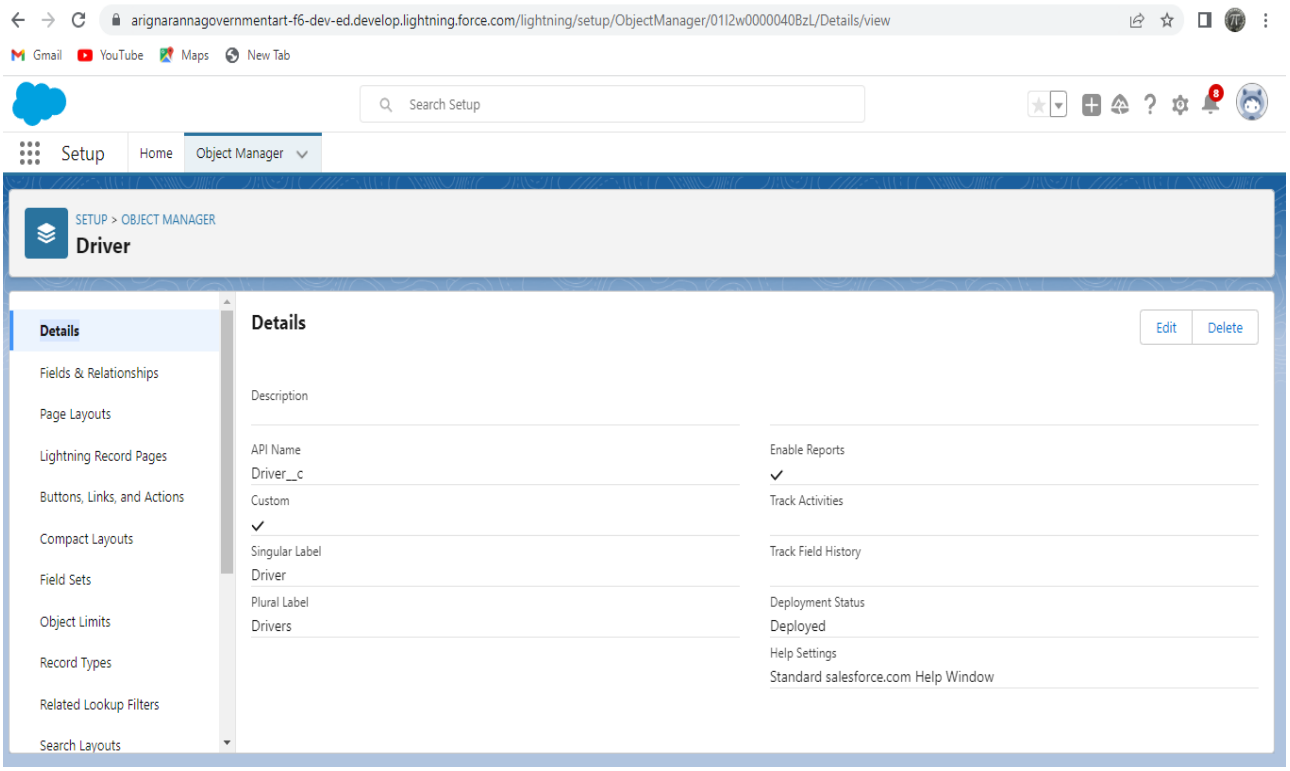
MILESTONE 2:OBJECT

Activity:1 To create an Vehicle Object

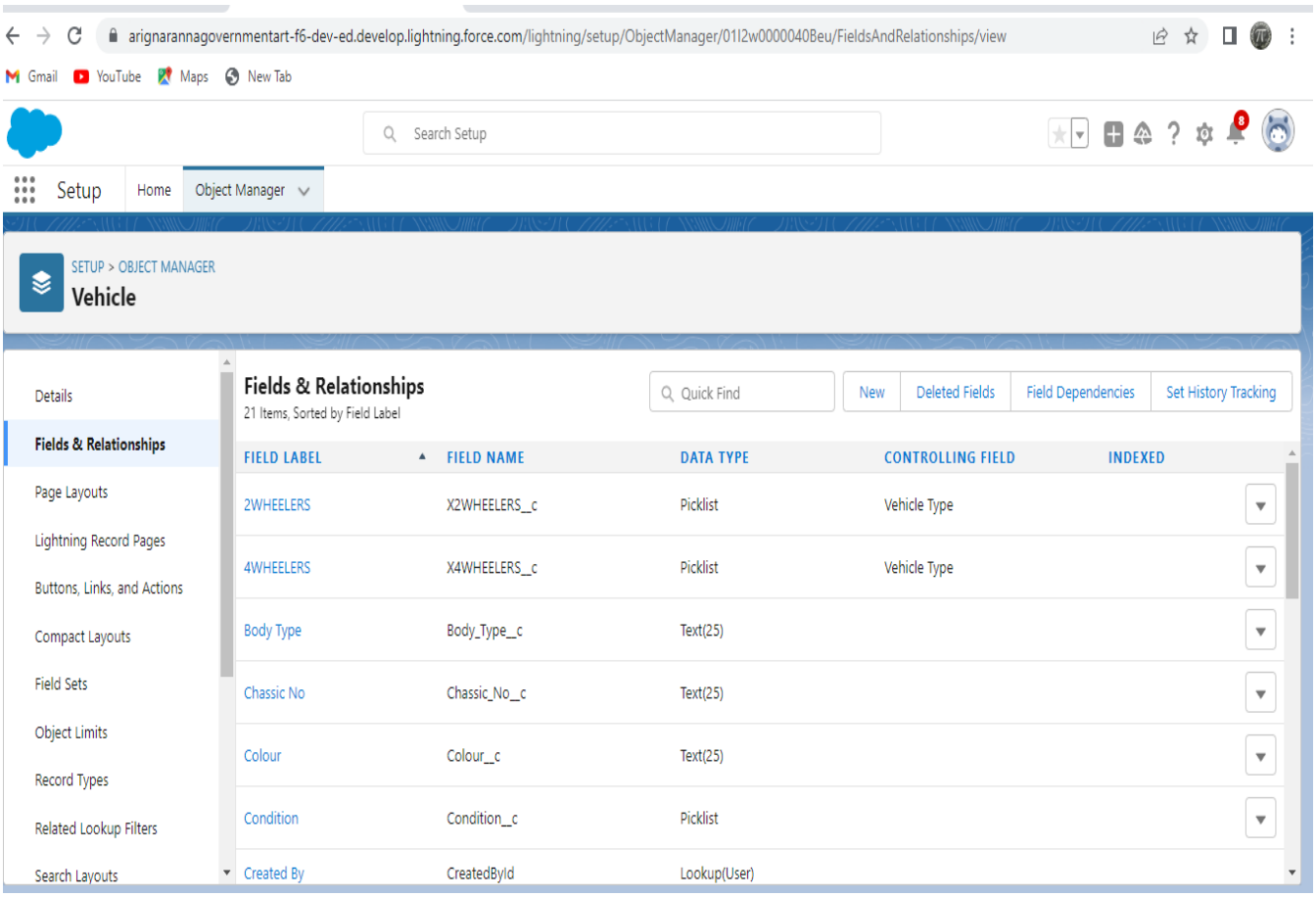


Activity 2 To create a driver Object

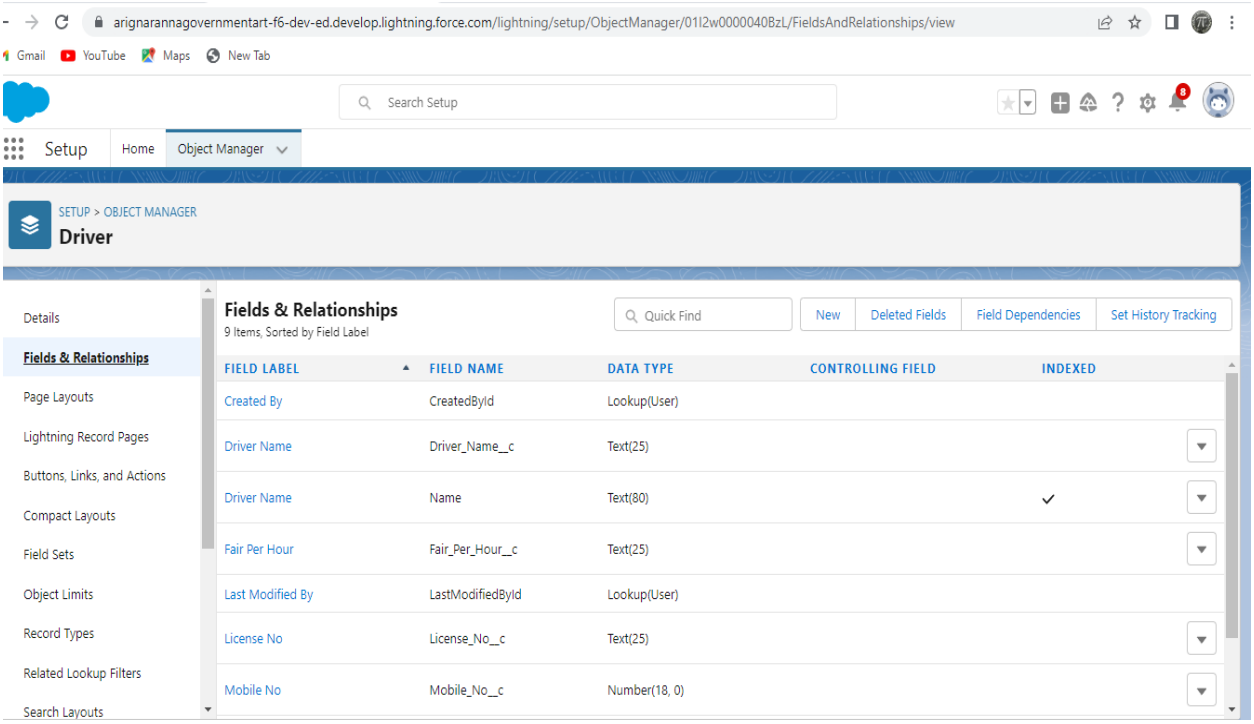


MILESTONE:3 :Fields and Relationship

Activity 1: Creation of fields in vehicle object

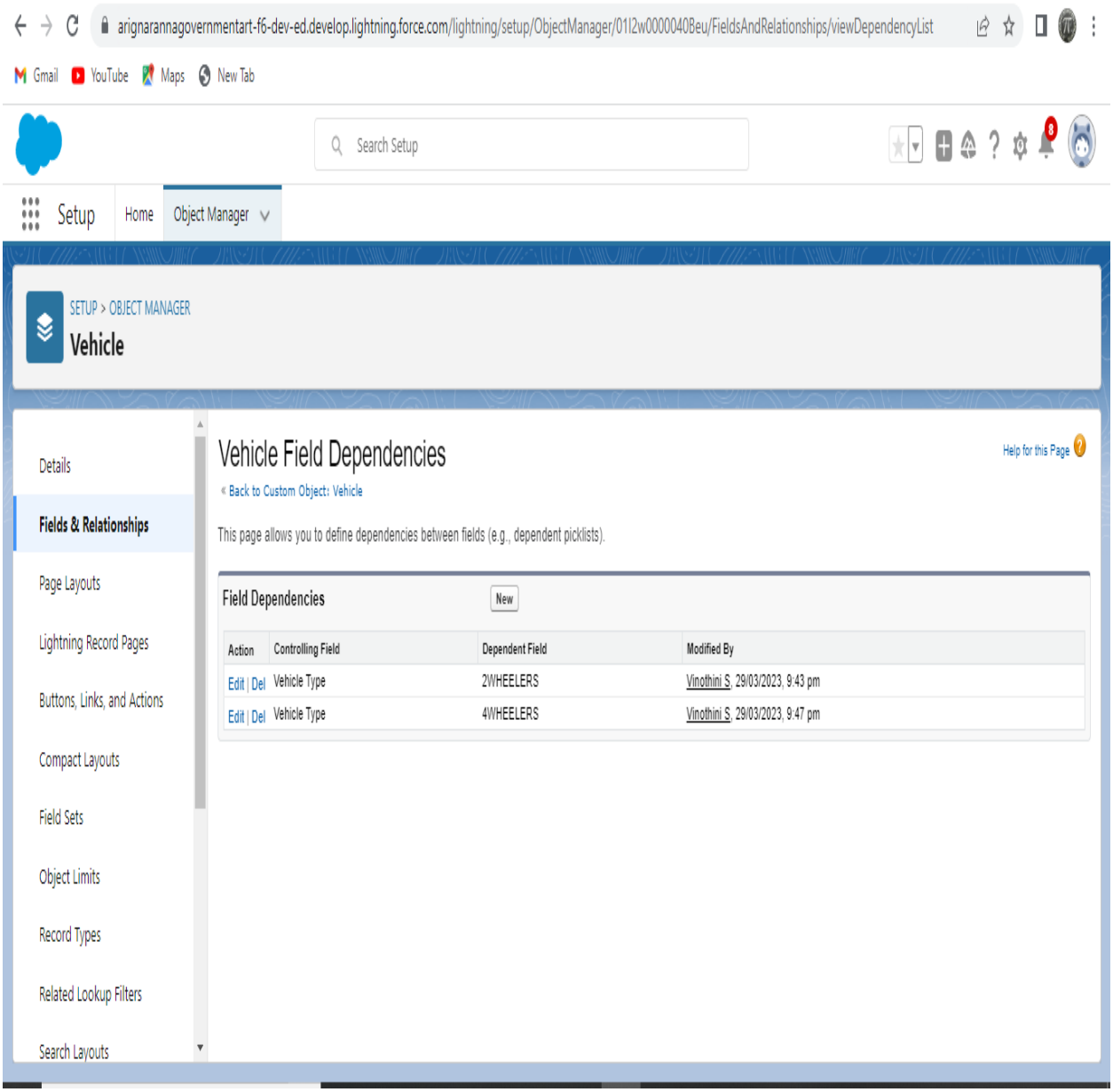


Activity 2 Fields in Driver object



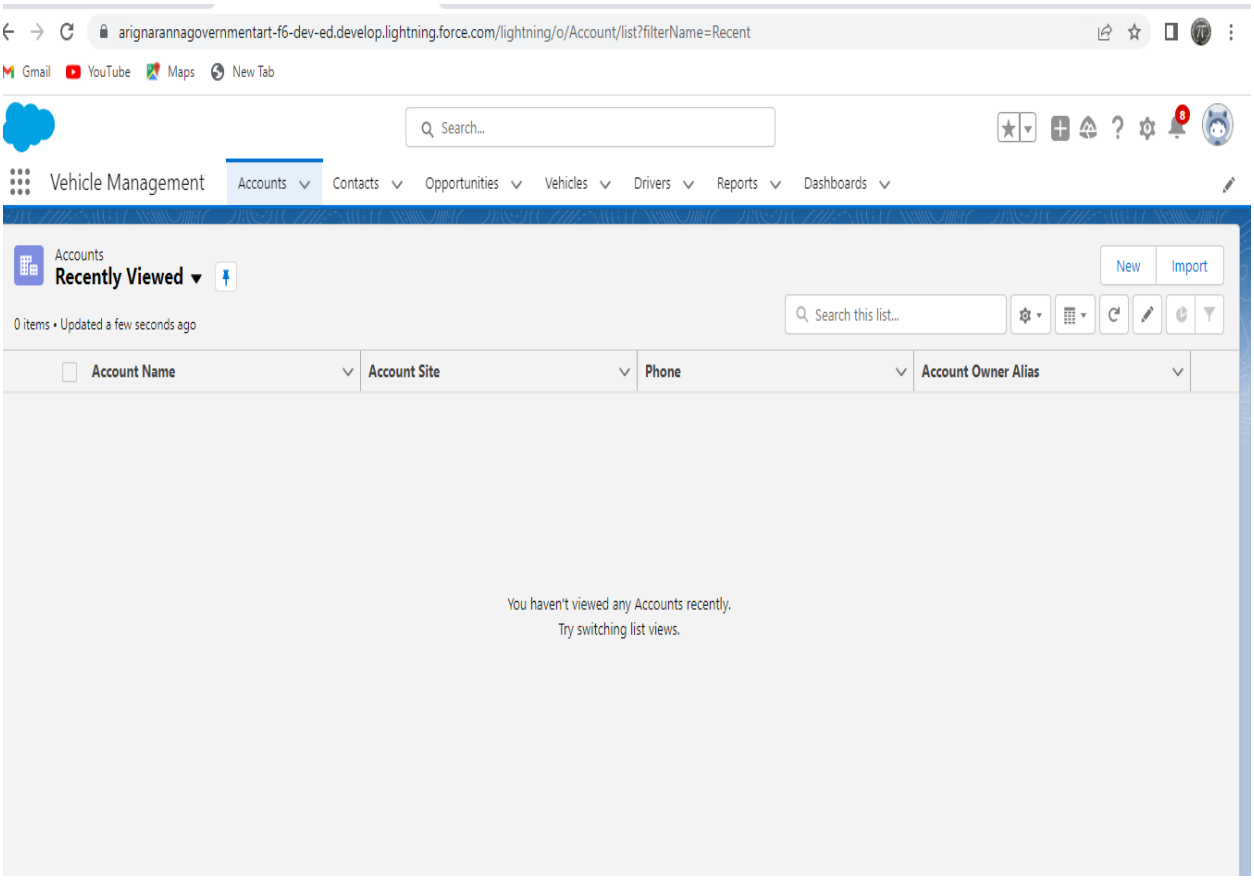
Activity 3

Fields in driver object create a dependency



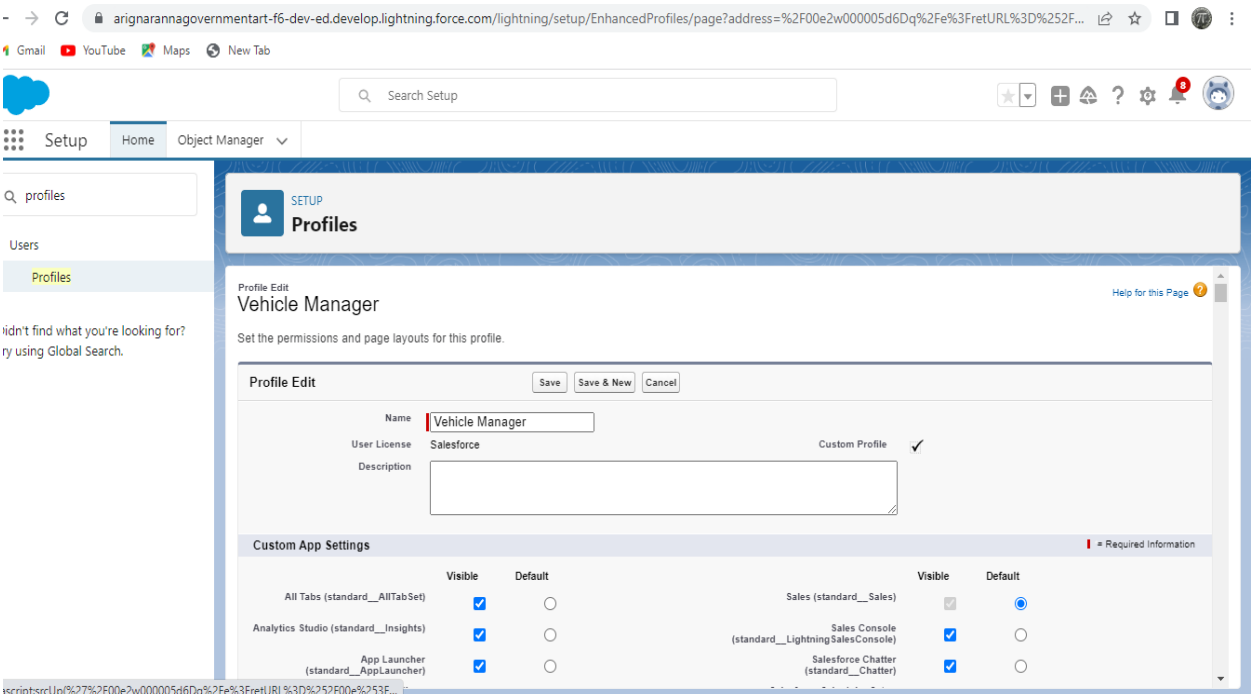
MILESTONE 4:Lightning App

Activity:1 Create the Vehicle Management Construction app



MILESTONE 5:Profile

Activity 1:Creating a Profile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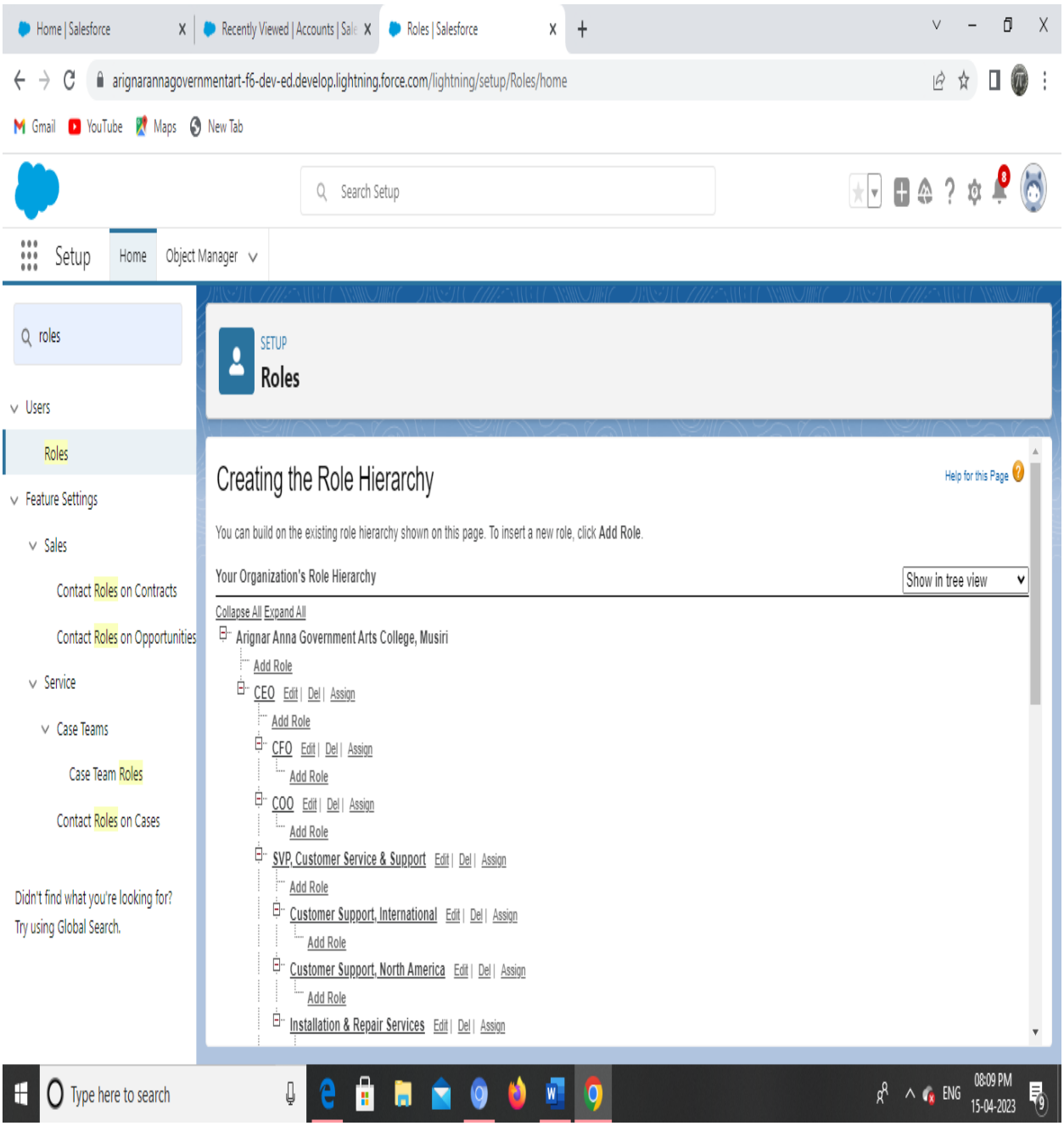
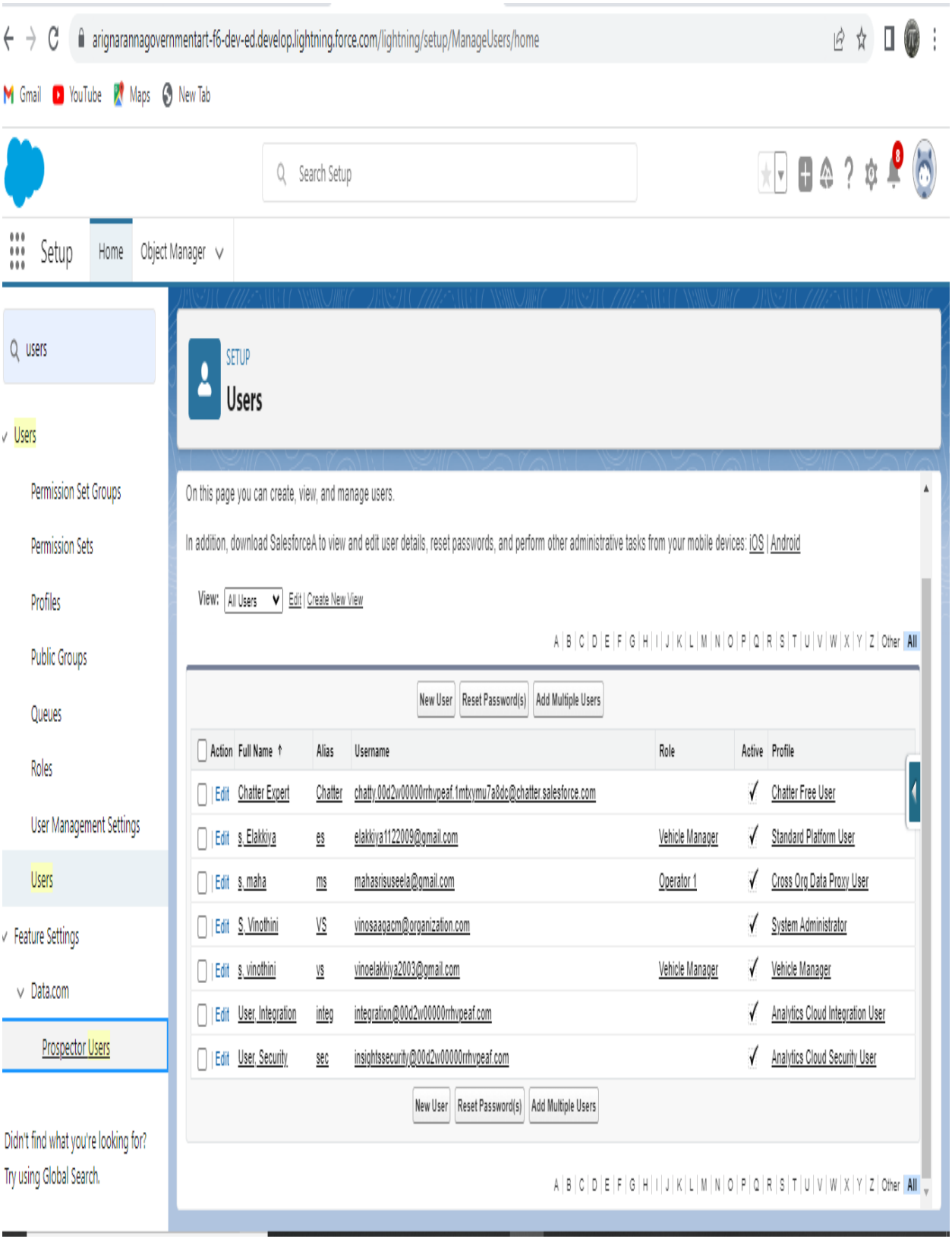
Gmail
YouTube
Maps
New Tab
Search Setup
Setup
Home
Object Manager
profiles
Users
Profiles
SETUP
Profiles
Profile Edit
Vehicle Manager
Help for this Page
Set the permissions and page layouts for this profile.
Profile Edit
Save
Save & New
Cancel
Name
Vehicle Manager
User License
Salesforce
Custom Profile
Description
Custom App Settings
= Required Information
Visible
Default
All Tabs (standard__AllTabSet)
Analytics Studio (standard__Insights)
App Launcher (standard__AppLauncher)
Sales (standard__Sales)
Sales Console (standard__LightningSalesConsole)
Salesforce Chatter (standard__Chatter)

Setup Roles



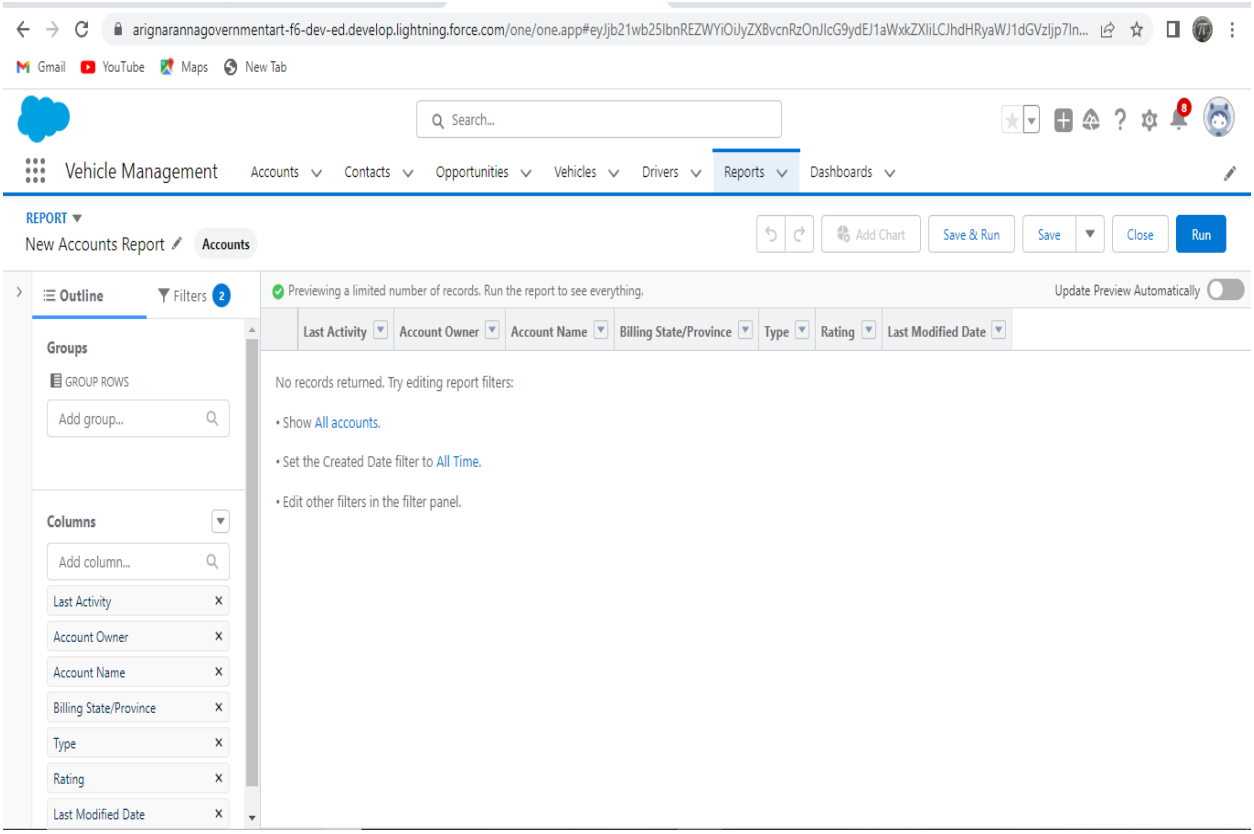
MILESTONE 6:Users

Activity 1:Creating a users

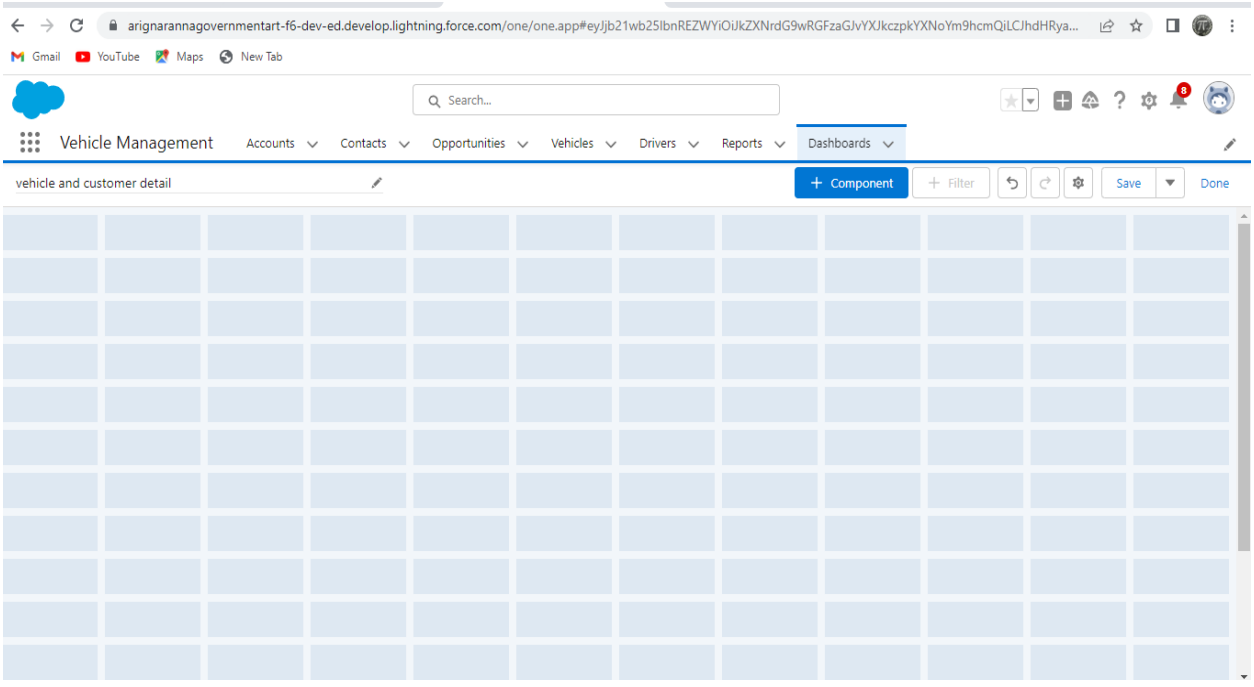


MILESTONE 7:REPORTS

Activity 1:To create a report



Activity 2 :To create a dashboard



4 Trailhead Profile Public URL
Team Lead – https://trailblazer.me/id/ssomaiya
Team Member 1 – https://trailblazer.me/id/vickys21
Team Member 2– https://trailblazer.me/id/vinothini31

5 ADVANTAGES & DISADVANTAGE

ADVANTAGES OF VEHICLE MANAGEMENT SYSTEM

It is widely accepted by VMS that available feature changes the playing field by providing numerous benefits. The science of Vehicle Management has been forever changed by these advantages:

- Improved Customer Service: more accurate prediction of arrival times, faster pickups and deliveries (dispatch closest vehicle by having real time information), reduce operator tardiness (information makes managing this a reality), Resolve Billing Disputes (recorded arrival and departure times)
- Efficient Logistics Management: assist lost drivers, eliminate employee downtime, Dispatch at a glance (view part or the entire Vehicle), knowledge will create confidence and reduce stress and assures better management decisions (route evaluation, attract and retrain the best employees, efficient scheduling)
- Profitability: serve more customers in less time, save on gas and slow Vehicle wear and tear, reduce unnecessary overtime, minimize unauthorized use of company vehicles, fewer resources to do equal or more work

DISADVANTAGES OF VEHICLE MANAGEMENT SYSTEM

- **It is difficult to track the occupany.**
- **More manual hours need to generate required reports.**
- **There is no possibility to track the approvals of requests.**

6 APPLICATIONS

The vehicle management solutions we create include but not limited to:

- Vehicle Fuel Tracking Systems. Our software engineers create robust solutions for cost-effective and accurate management of fuel.
- Vehicle Maintenance Software Solutions.
- Vehicle Tracking Systems.
- Vehicle Inventory Management Systems.
- The Vehicle Management System In PHP is a simple mini project for management the vehicles, buses & cars of RUET.

- In RUET there are many vehicles that can be hired for money. The project contains the admin side an the user side.
- The admin can control all the vehicle request and check if the request can be granted or not. They can updated the driver and vehicle list , add new vehicles, etc.
- An admin can control the whole booking process from the admin panel like which car to give to a certain user and which driver etc. As a whole, the admin has all the power to control the whole management process.

7 CONCLUSION

The Corporate Company's Vehicle Management application has rich user interface so that novice users can access easily. This application provides the management reports like Occupancy report, Approval status report, to track the usage company's transport facility.

Our project is only a humble venture to satisfy the needs in a library. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the organization. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses. Last but not least it is no the work that played the ways to success but ALMIGHTY.

8 FUTURE SCOPE

VMS is web-based solution, to fulfill the Falcon Motors requirements. VMS is integrated web-based solution comprises of following modules:

- Vehicle Management
- Tyre Management
- Workshop
- Trip Planning
  Trip
- Incidents and Accidents
- Reports

The scope of thin this project is to enhance the facilities available in the current notepad system and different security measures would be applicable in the future for the student point of view and management point of view. The application would be fruitful.