VEHILE MANAGEMENT

Introduction:

1.1 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.

1.2 Purpose

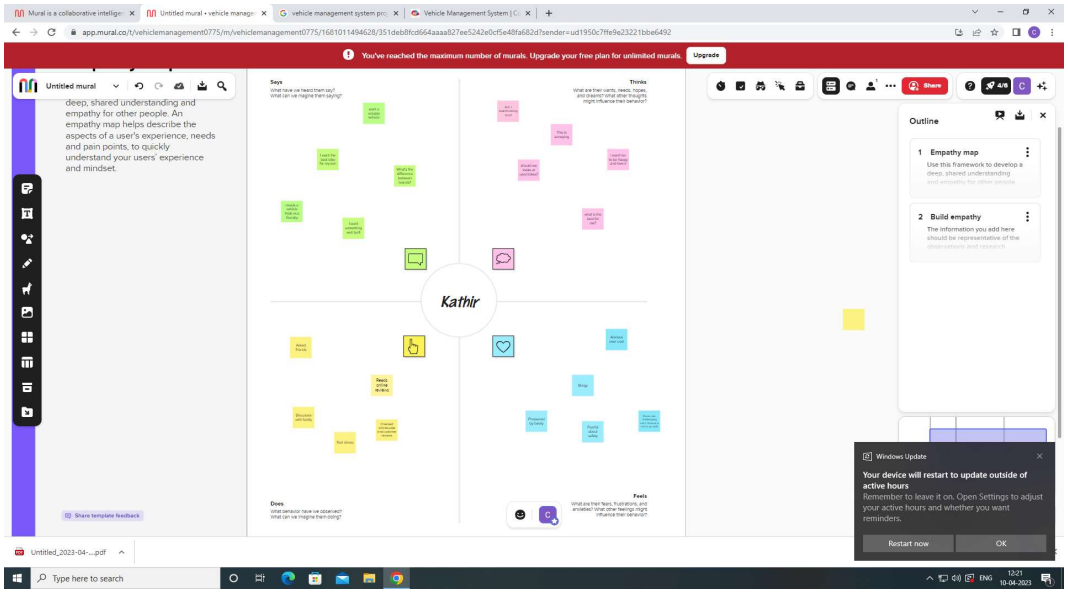
The vehicle management portion of the system should allow you to track your drivers and vehicles, such as through a GPS tracking system. It should also make operations management run smoother by helping you manage fuel and labor costs and provide proper trip planning for your drivers and customers.

Problem Definition & Design Thinking:

2.1 Empathy Map

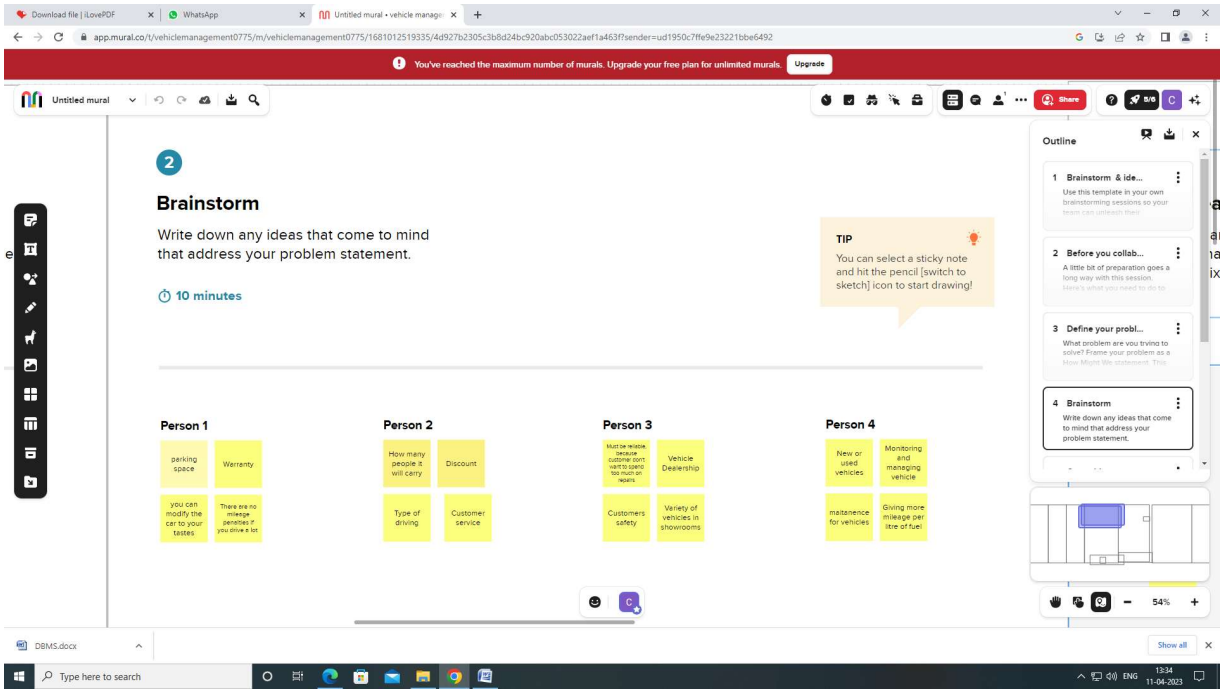
An empathy map is **a collaborative tool teams can use to gain a deeper insight into their customers**. Much like a user persona, an empathy map can represent a group of users, such as a customer segment. The empathy map was originally created by Dave Gray and has

gained much popularity within the agile community.



2.2 Ideation & Brainstorming Map

Brainstorming is an activity that will help you generate more innovative ideas. It's one of many methods of ideation—the process of coming up with new ideas—and it's core to the design thinking process.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Untitled mural • vehicle manage
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You've reached the maximum number of murals. Upgrade your free plan for unlimited murals.
Upgrade
Untitled mural
Share
2
Brainstorm
Write down any ideas that come to mind that address your problem statement.
10 minutes
TIP
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!
Person 1
parking space
Warranty
you can modify the car to your tastes
There are no mileage penalties if you drive a lot
Person 2
How many people it will carry
Discount
Type of driving
Customer service
Person 3
Must be reliable because customer don't want to spend too much on repairs
Vehicle Dealership
Customers safety
Variety of vehicles in showrooms
Person 4
New or used vehicles
Monitoring and managing vehicle
maitanence for vehicles
Giving more mileage per litre of fuel
Outline
1 Brainstorm & ide...
Use this template in your own brainstorming sessions so your team can unleash their
2 Before you collab...
A little bit of preparation goes a long way with this session.
3 Define your probl...
What problem are you trying to solve? Frame your problem as a
4 Brainstorm
Write down any ideas that come to mind that address your problem statement.
54%
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Show all
Type here to search
ENG
13:34
11-04-2023

Result:

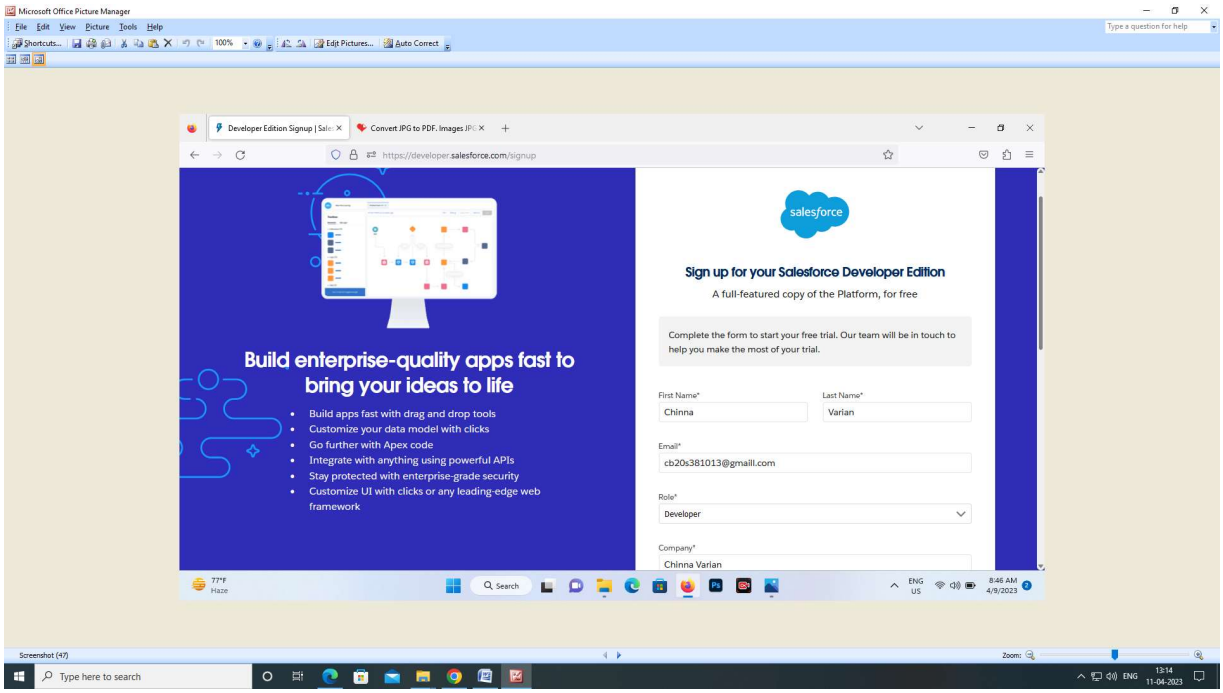
3.1 Data Model

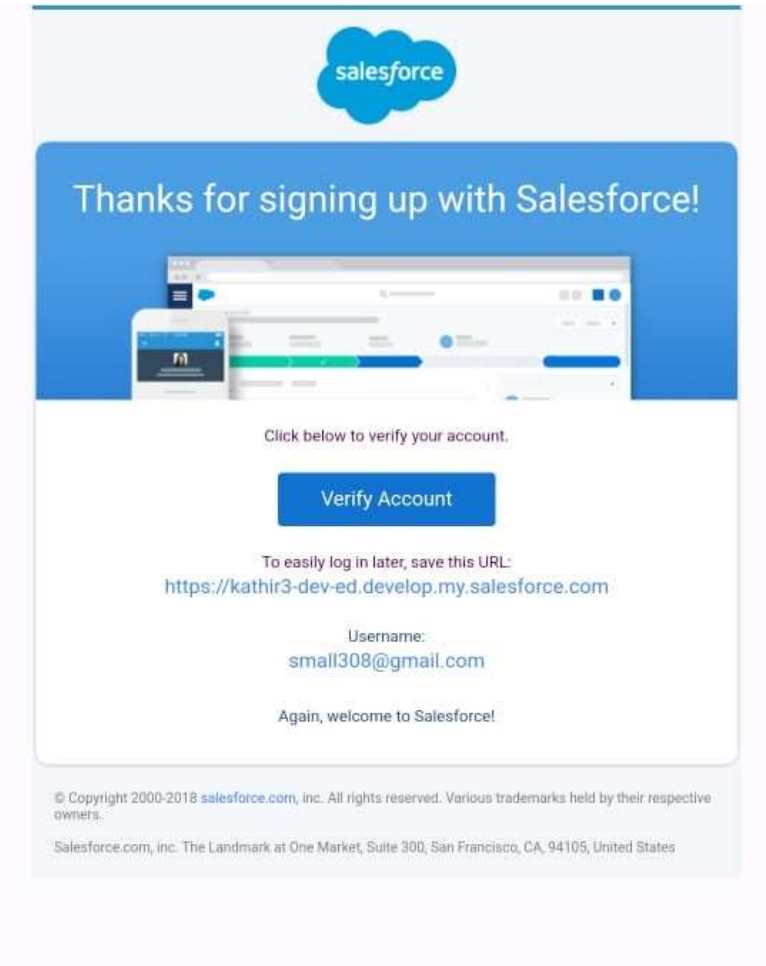
<table>
<tr><th>Object name</th><th>Fields in the Object</th></tr>
<tr><td>vehicles</td><td>
<table>
<tr><th>Field Label</th><th>Data type</th></tr>
<tr><td>Customer Name</td><td>Text</td></tr>
<tr><td>Customer Mobile No</td><td>Number</td></tr>
<tr><td>Vehicle Type
i)2 wheeler
ii)4 wheeler</td><td>Picklist</td></tr>
<tr><td>2WHEELERS
i)HERO
ii)HONDA
iii)BAJAJ
iv)ROYAL ENFIELD
v)TVS
vi)KINETIC
vii)OLA
viii)JAWA
ix)SD
x)BATTERY</td><td>Picklist</td></tr>
<tr><td>4WHEELERS
I)RENAULT
ii)SKODA
iii) HONDA</td><td>Picklist</td></tr>
</table>
</td></tr>
</table>

		iv)HYUNDAI v)SUZUKI vi)MAHINDRA vii)VOLKSWAGEN viii)BENZ ix)AUDI x)VOLVO	
		Vehicle Name	Text
		Vehicle No	Text
		Chassic No	Text
		Colour	Text
		Body Type	Text
		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
		Condition i)Good ii)Medium iii)Least	Picklist
		Mileage	Text
		Seats	Number

	Start Date | Date/Time End Date | Date/Time Opportunity | Lookup(opportunities)
Drivers	***Field Lable*** | ***Data type*** Driver Name | Text Licence No | Text Mobile No | Number Fair Per Hour | Text Vehicle | Lookup(Vehicle)

3.2 Activity & Screenshot




salesforce
Thanks for signing up with Salesforce!
Click below to verify your account.
Verify Account
To easily log in later, save this URL:
https://kathir3-dev-ed.develop.my.salesforce.com
Username:
small308@gmail.com
Again, welcome to Salesforce!
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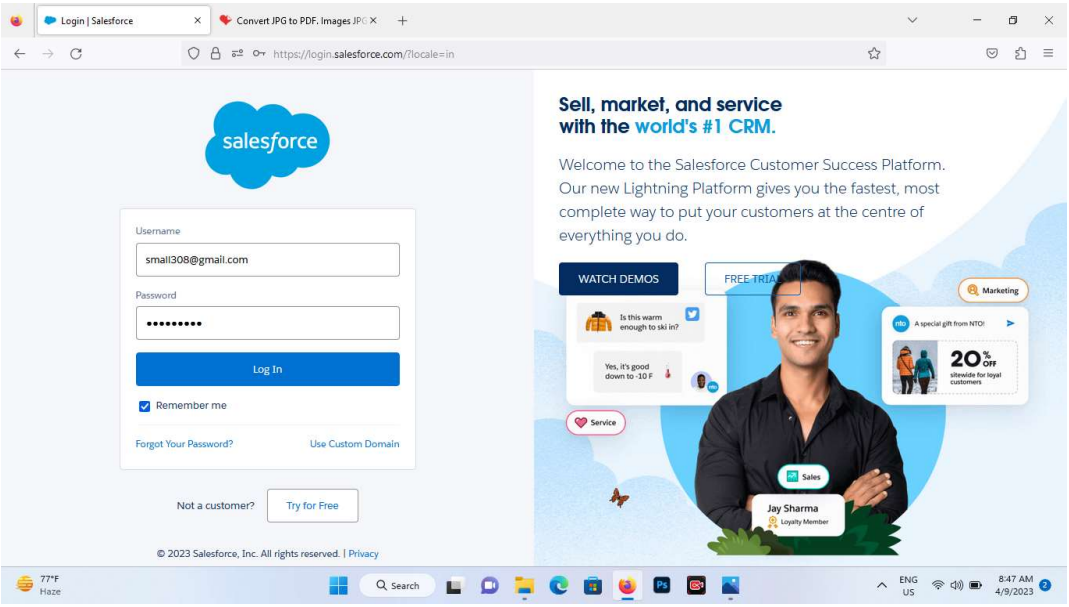
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small308@gmail.com
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Log In
Remember me
Forgot Your Password?
Use Custom Domain
Not a customer?
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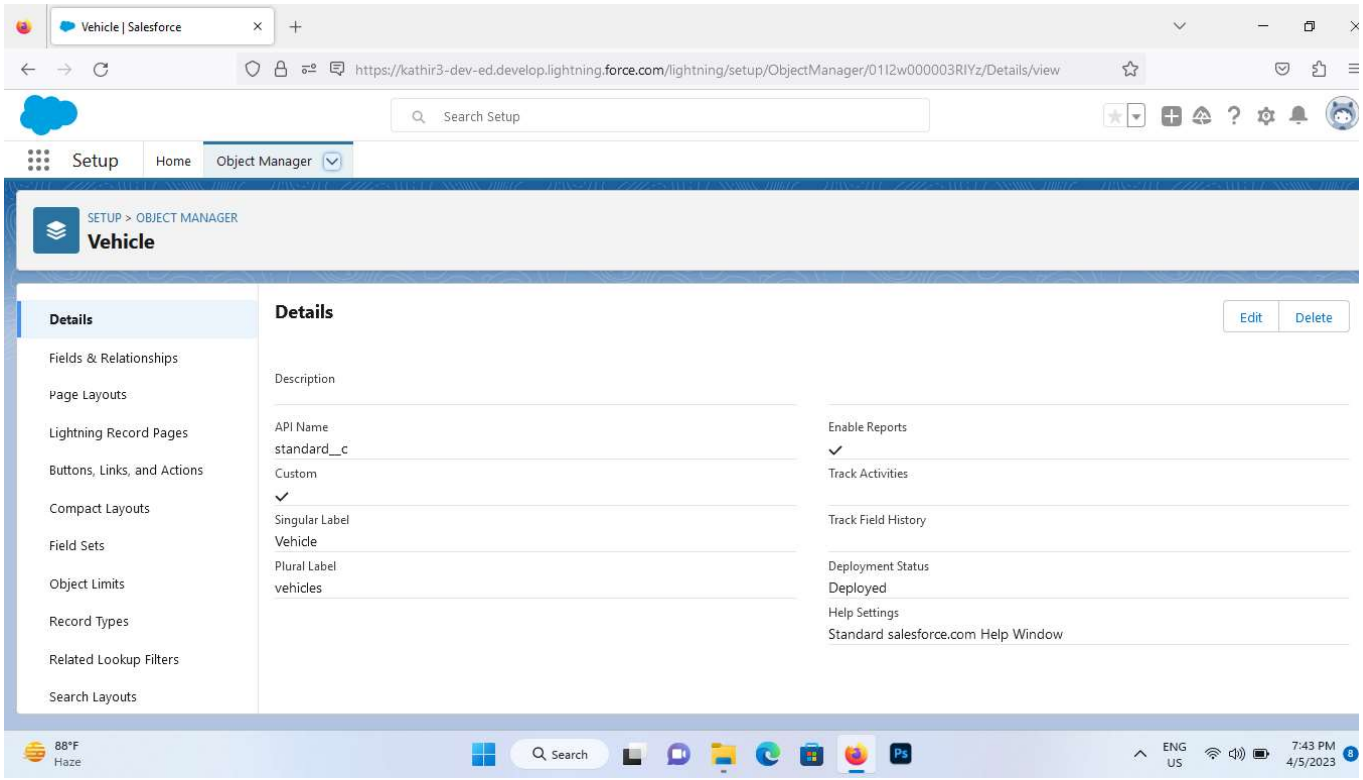
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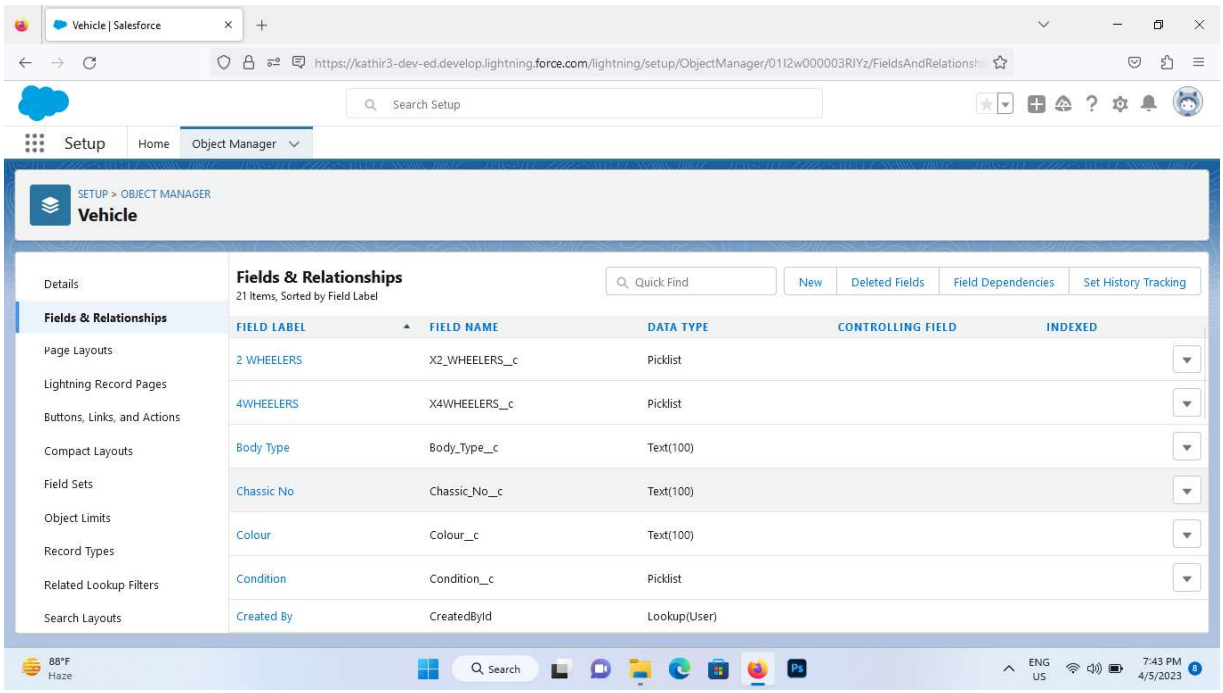
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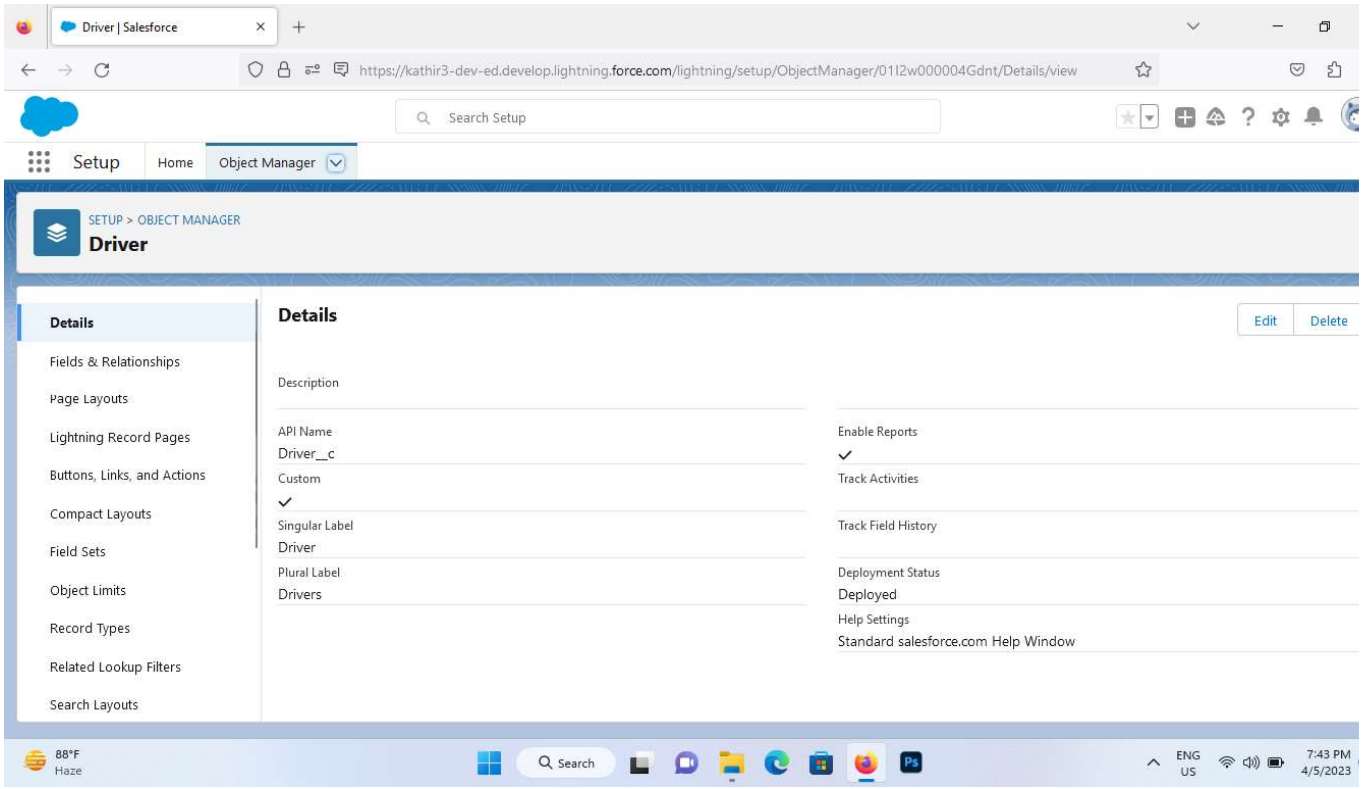
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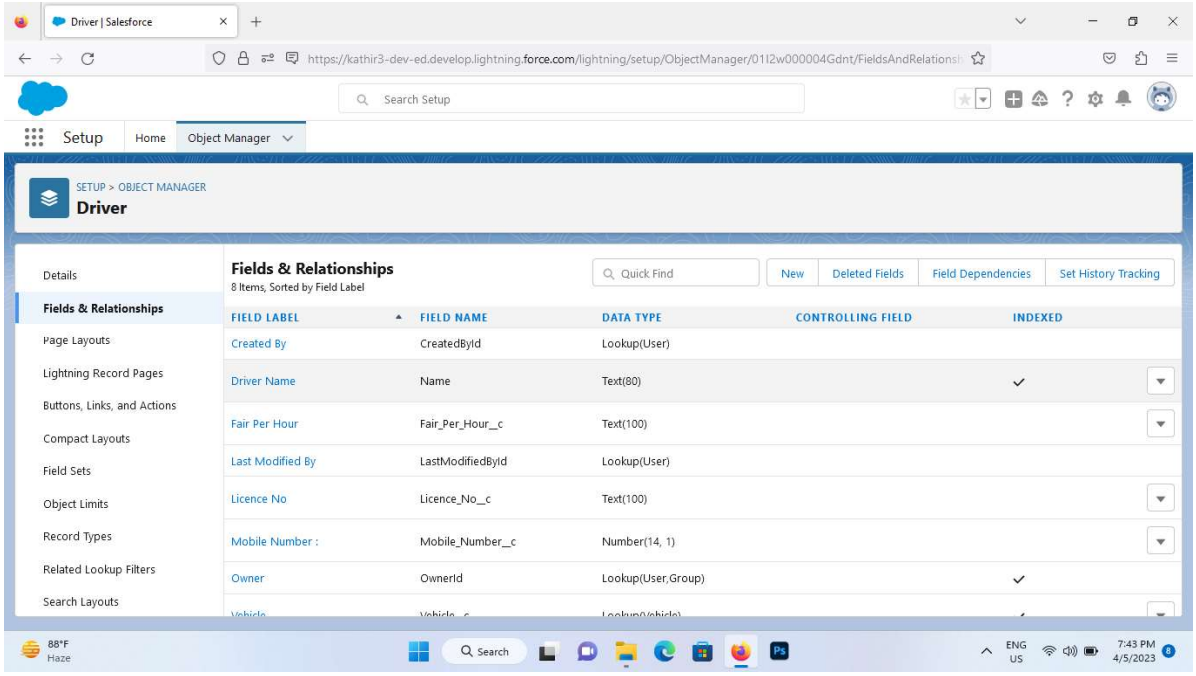
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Fields & Relationships
8 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
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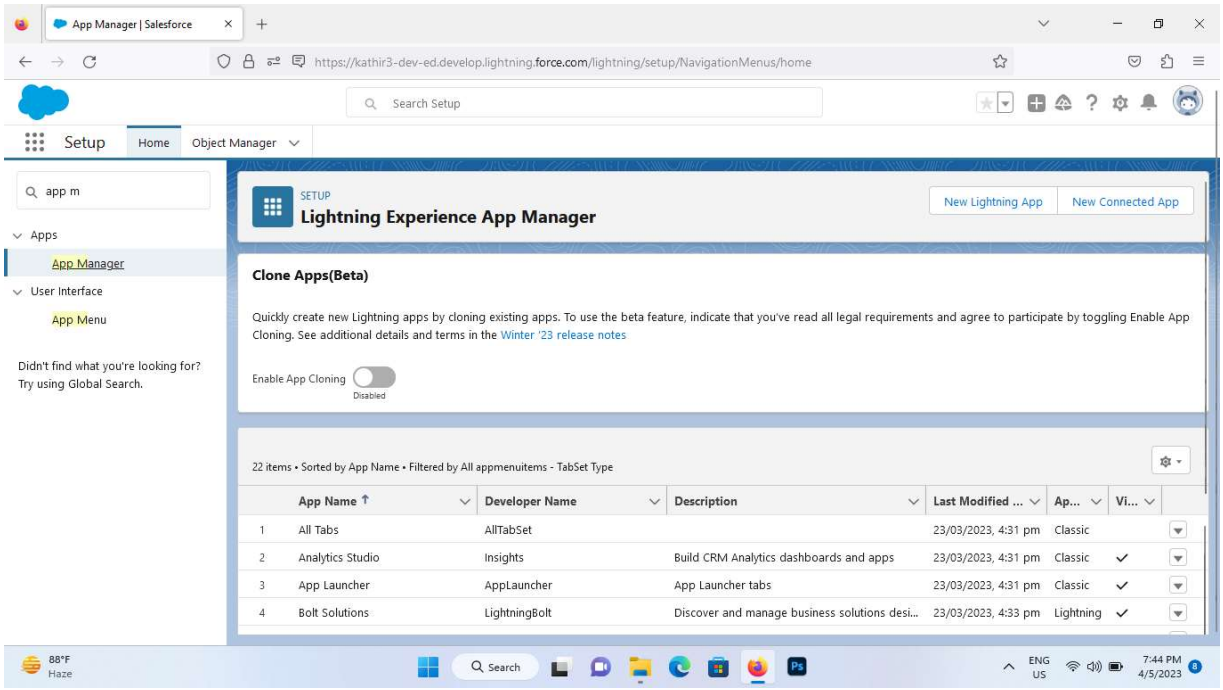
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User Interface
App Menu
Didn't find what you're looking for?
Try using Global Search.
SETUP
Lightning Experience App Manager
New Lightning App
New Connected App
Clone Apps(Beta)
Quickly create new Lightning apps by cloning existing apps. To use the beta feature, indicate that you've read all legal requirements and agree to participate by toggling Enable App Cloning. See additional details and terms in the Winter '23 release notes
Enable App Cloning
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22 items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type
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2 Analytics Studio Insights Build CRM Analytics dashboards and apps 23/03/2023, 4:31 pm Classic
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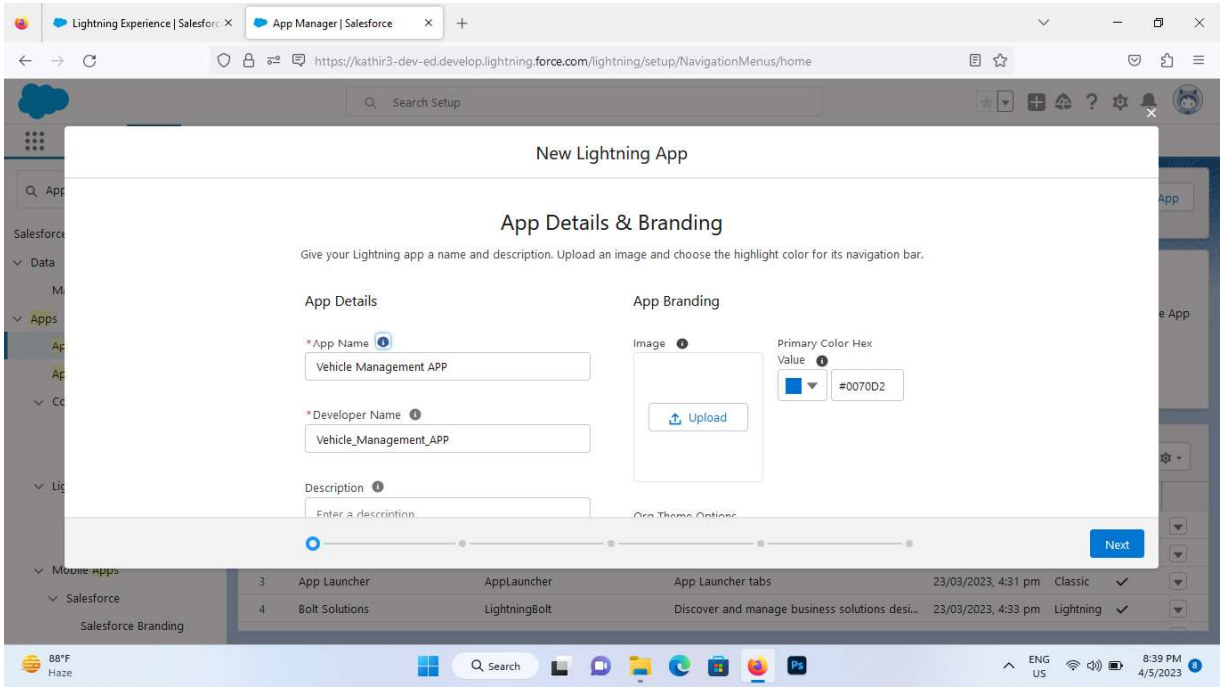
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New Lightning App
App Details & Branding
Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.
App Details
App Branding
*App Name
Vehicle Management APP
*Developer Name
Vehicle_Management_APP
Description
Enter a description...
Image
Upload
Primary Color Hex Value
#0070D2
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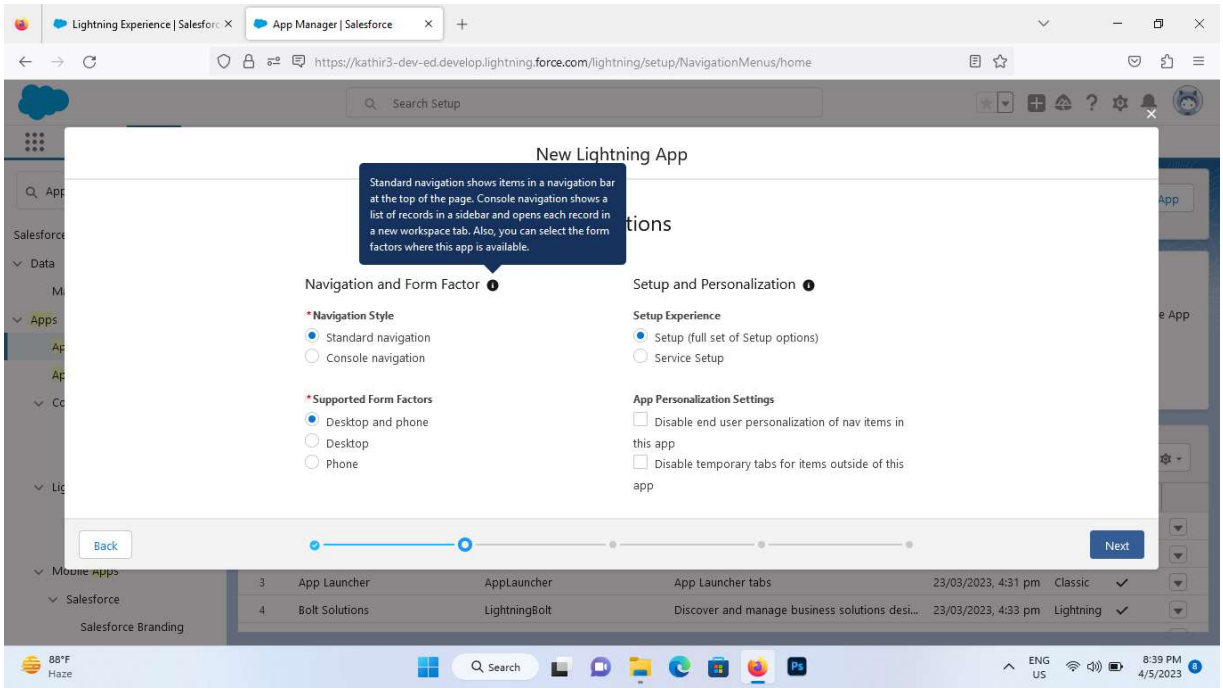
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Search Setup
New Lightning App
Standard navigation shows items in a navigation bar at the top of the page. Console navigation shows a list of records in a sidebar and opens each record in a new workspace tab. Also, you can select the form factors where this app is available.
Navigation and Form Factor
*Navigation Style
Standard navigation
Console navigation
*Supported Form Factors
Desktop and phone
Desktop
Phone
Setup and Personalization
Setup Experience
Setup (full set of Setup options)
Service Setup
App Personalization Settings
Disable end user personalization of nav items in this app
Disable temporary tabs for items outside of this app
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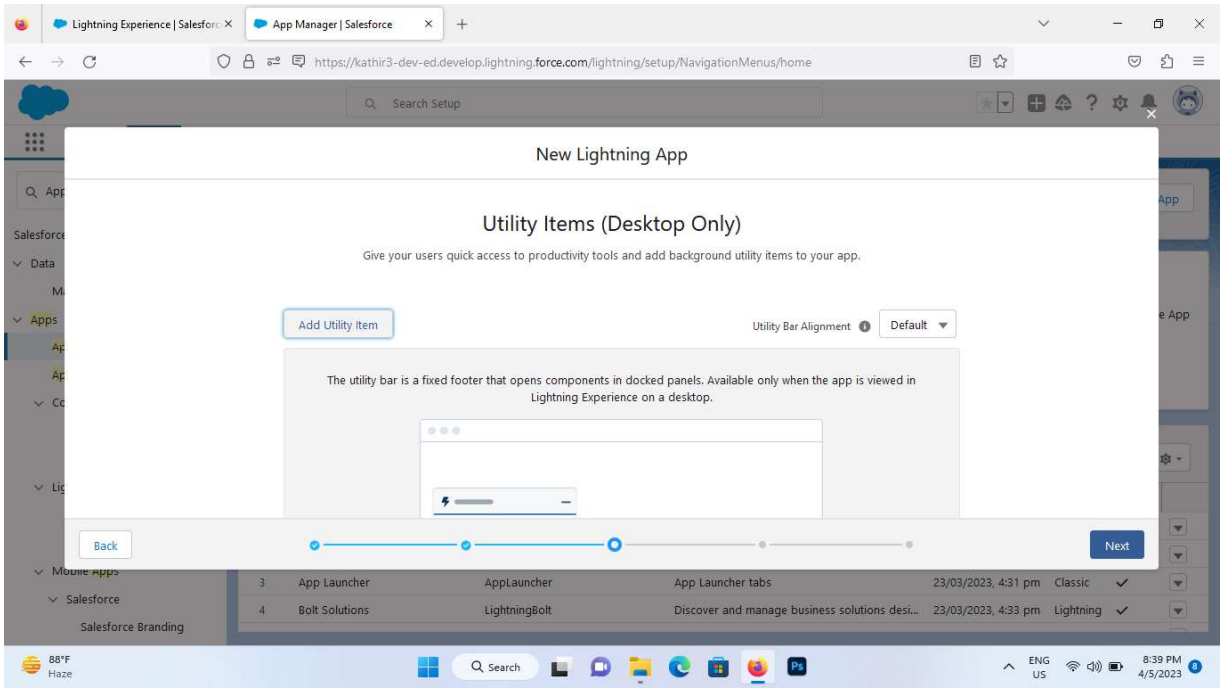
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Search Setup
New Lightning App
Utility Items (Desktop Only)
Give your users quick access to productivity tools and add background utility items to your app.
Add Utility Item
Utility Bar Alignment
Default
The utility bar is a fixed footer that opens components in docked panels. Available only when the app is viewed in Lightning Experience on a desktop.
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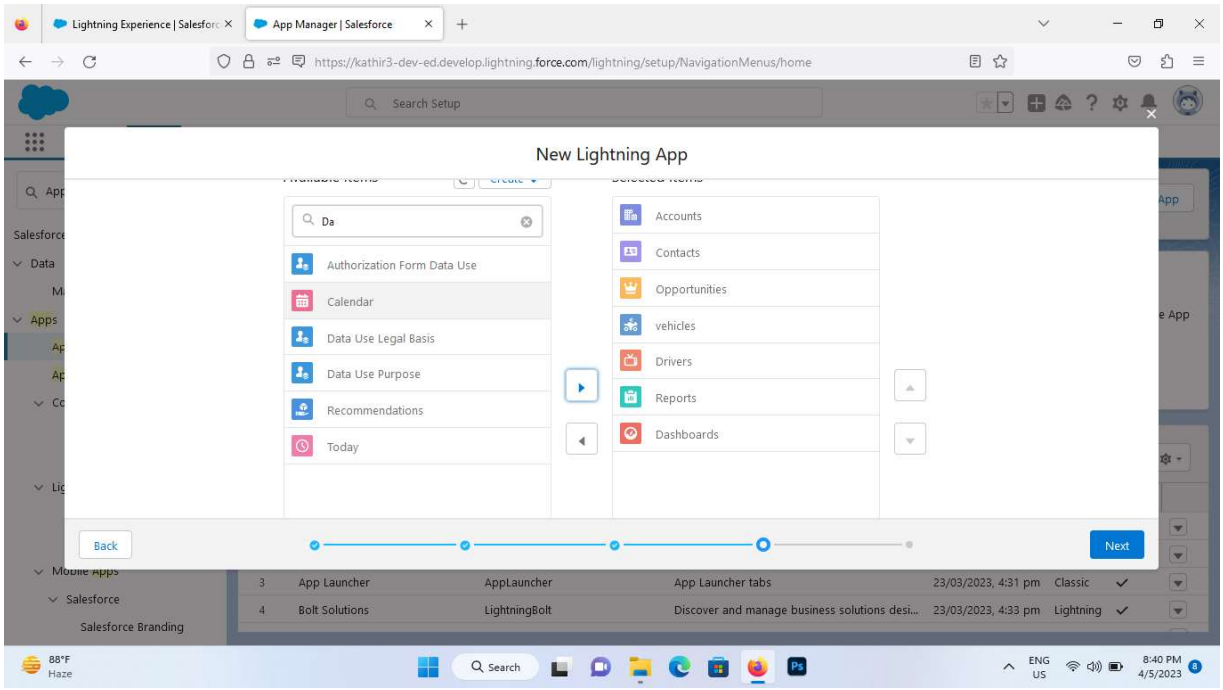
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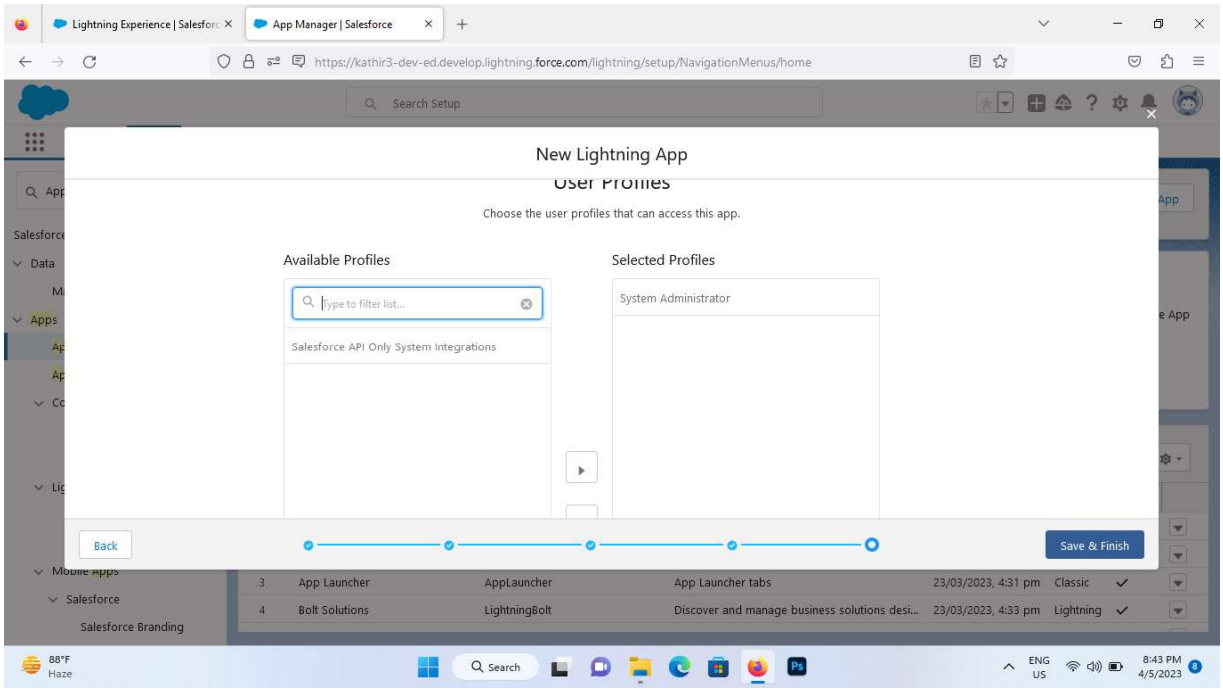
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New Lightning App
User Profiles
Choose the user profiles that can access this app.
Available Profiles
Type to filter list...
Salesforce API Only System Integrations
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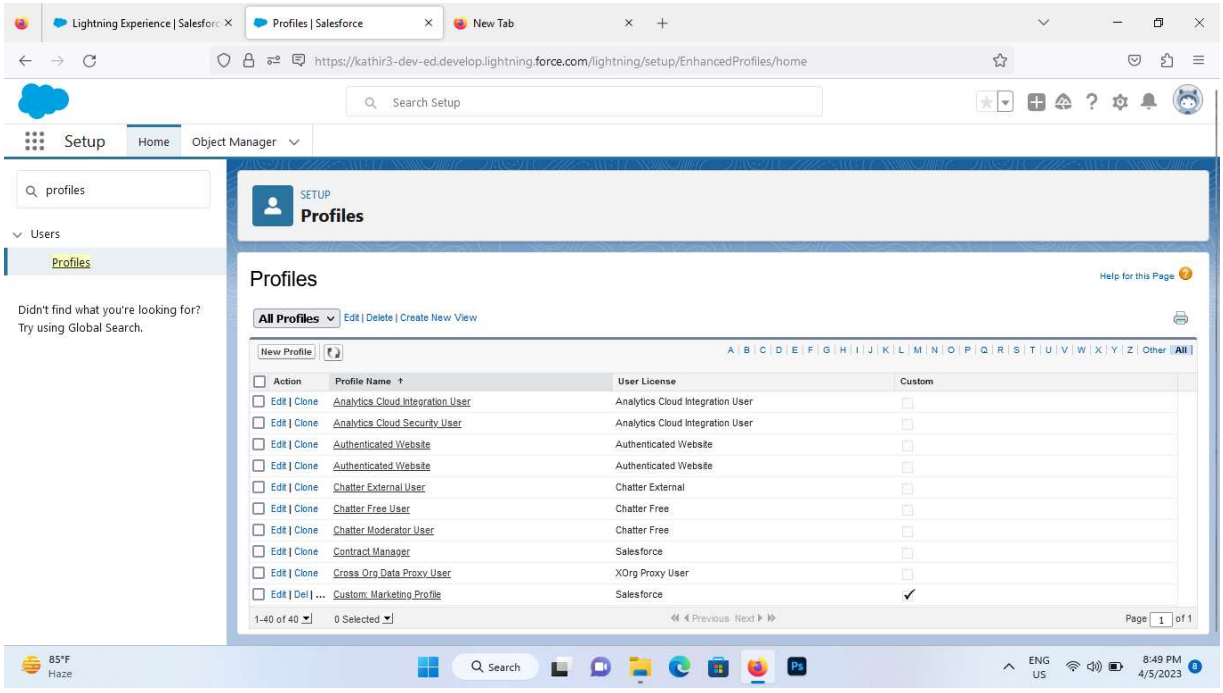
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Search Setup
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profiles
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Didn't find what you're looking for?
Try using Global Search.
SETUP
Profiles
Profiles
Help for this Page
All Profiles
Edit | Delete | Create New View
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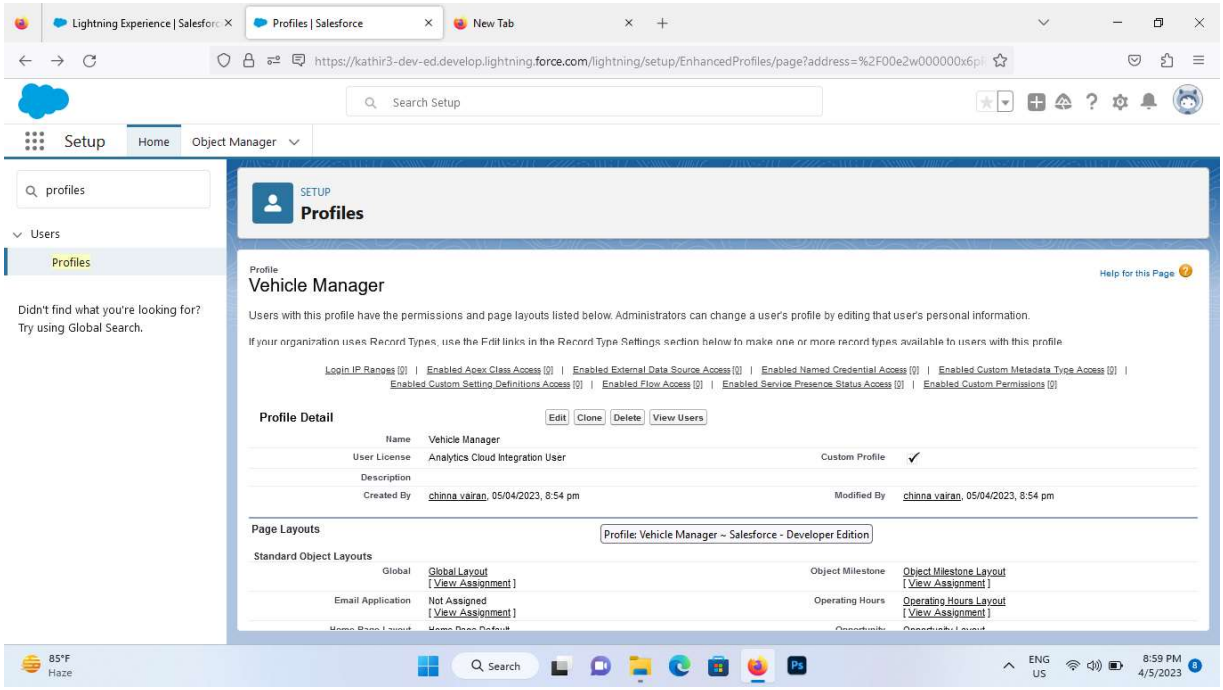
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Search Setup
Setup
Home
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profiles
Users
Profiles
Didn't find what you're looking for?
Try using Global Search.
SETUP
Profiles
Profile
Vehicle Manager
Help for this Page
Users with this profile have 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 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]
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Page Layouts
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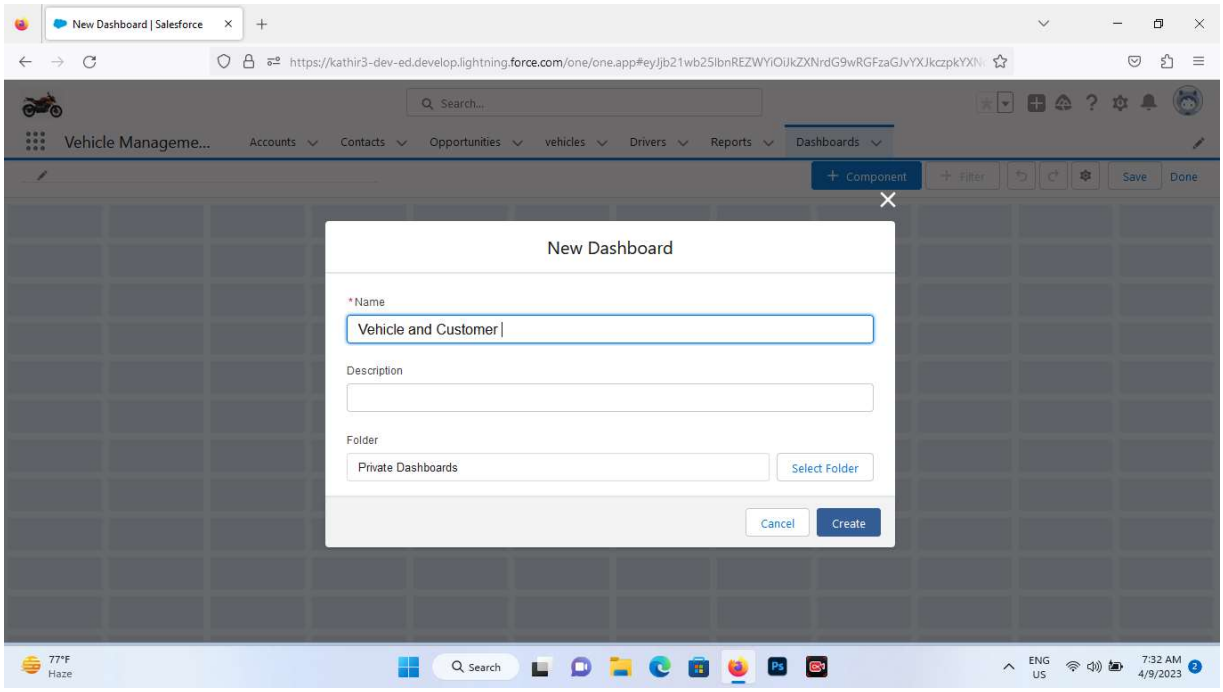
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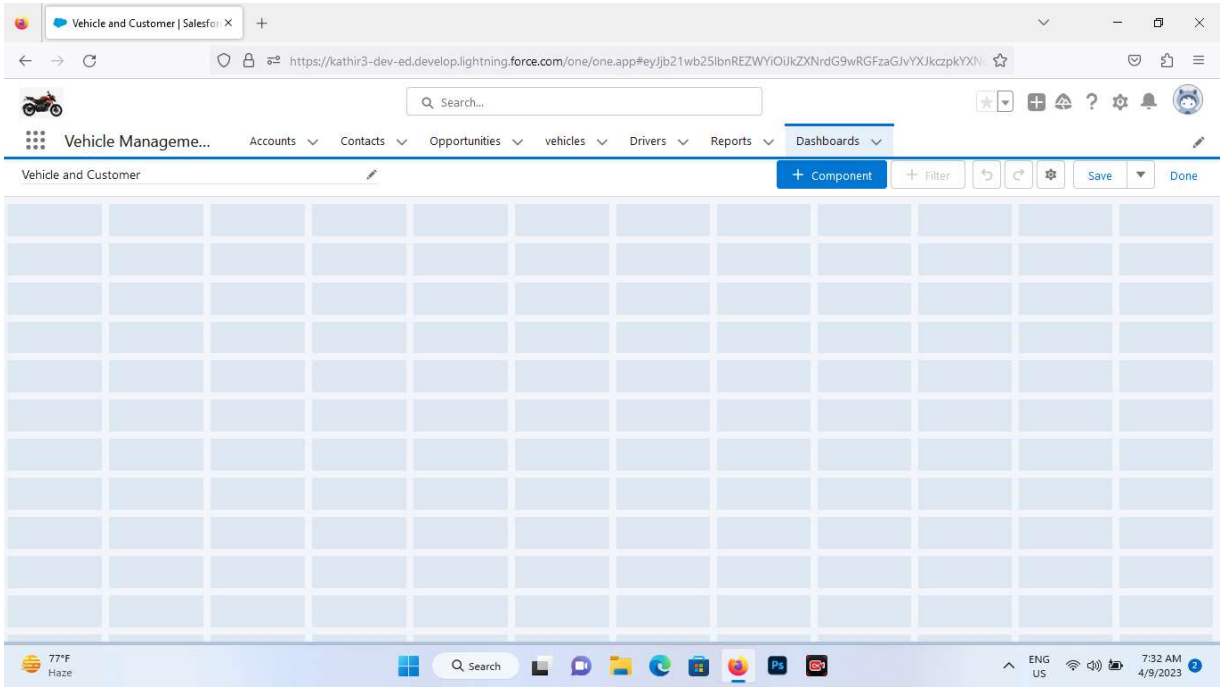
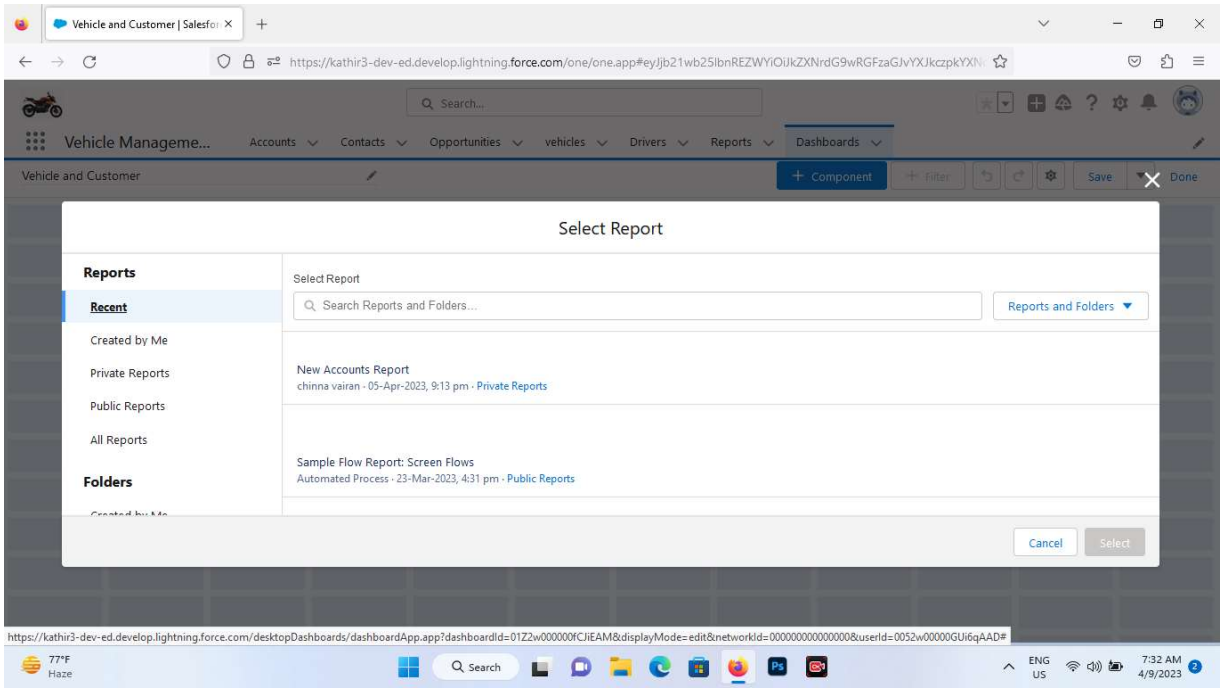
Component
Filter
Save
Done
New Dashboard
*Name
Vehicle and Customer
Description
Folder
Private Dashboards
Select Folder
Cancel
Create


Vehicle and Customer | Salesfor
Vehicle Manageme...
Accounts
Contacts
Opportunities
vehicles
Drivers
Reports
Dashboards
Vehicle and Customer
Component
Filter
Save
Done


Vehicle and Customer | Salesfor
https://kathir3-dev-ed.develop.lightning.force.com/one/one.app#eyJjb21wb25lbnREZWYiOiJkZXNrdG9wRGFzaGJvYXJkczpkYXN
Vehicle Manageme...
Accounts
Contacts
Opportunities
vehicles
Drivers
Reports
Dashboards
Vehicle and Customer
Component
Filter
Save
Done
Select Report
Reports
Recent
Created by Me
Private Reports
Public Reports
All Reports
Folders
Select Report
Search Reports and Folders...
Reports and Folders
New Accounts Report
chinna vairan · 05-Apr-2023, 9:13 pm · Private Reports
Sample Flow Report: Screen Flows
Automated Process · 23-Mar-2023, 4:31 pm · Public Reports
Cancel
Select
https://kathir3-dev-ed.develop.lightning.force.com/desktopDashboards/dashboardApp.app?dashboardId=01Z2w000000fCJiEAM&displayMode=edit&networkId=0000000000000000&userId=0052w00000GUi6qAAD#
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Haze
Search
ENG
US
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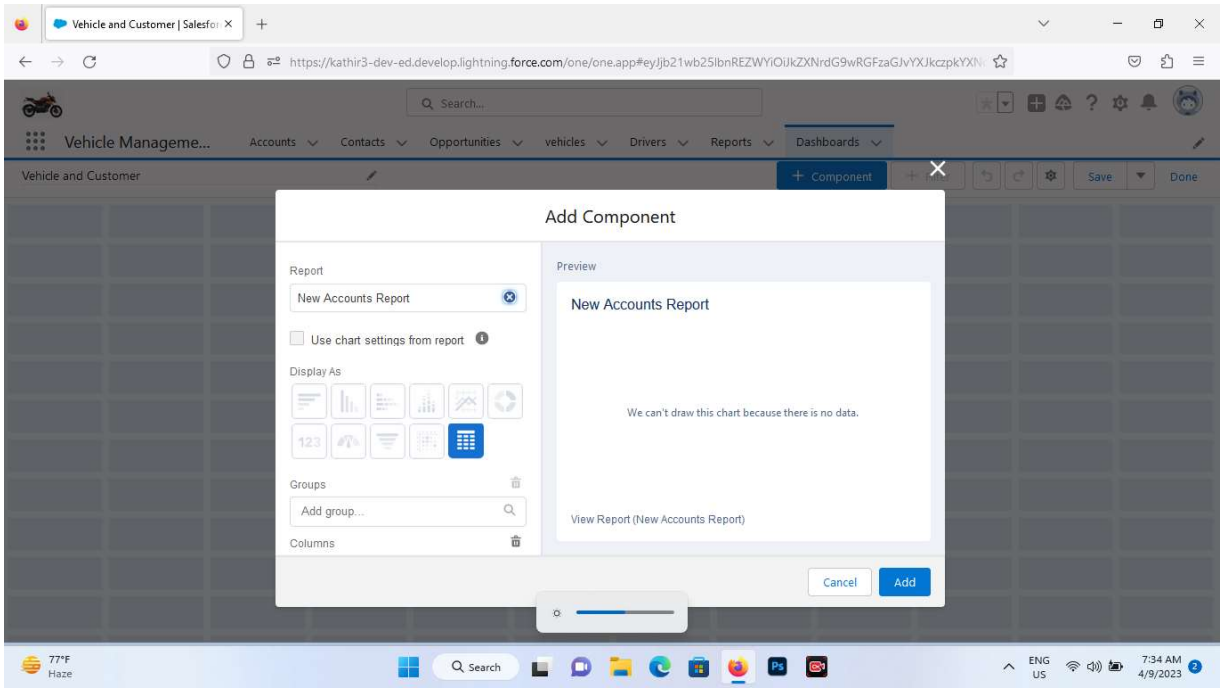
4/9/2023


Vehicle and Customer | Salesfor
https://kathir3-dev-ed.develop.lightning.force.com/one/one.app#eyJjb21wb25lbnREZWYiOiJkZXNrdG9wRGFzaGJvYXJkczpkYXN
Vehicle Manageme...
Accounts
Contacts
Opportunities
vehicles
Drivers
Reports
Dashboards
Vehicle and Customer
Component
Save
Done
Add Component
Report
New Accounts Report
Use chart settings from report
Display As
Groups
Add group...
Columns
Preview
New Accounts Report
We can't draw this chart because there is no data.
View Report (New Accounts Report)
Cancel
Add
77°F
Haze
Search
ENG
US
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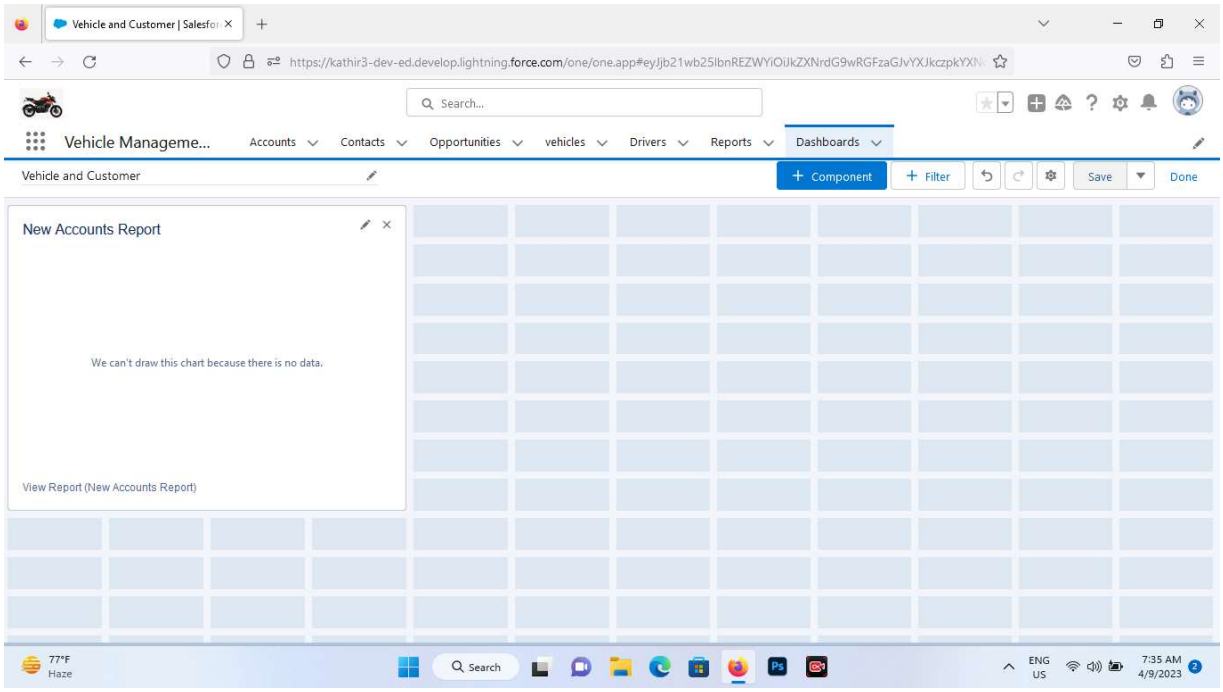
4/9/2023



Trailhead Profile Public URL

Team Lead- *https://trailblazer.me/id/cvairan*

Team Member 1- https://trailblazer.me/id/kathiresan123

Team Member 2- https://trailblazer.me/id/amsavalli123

Team Member 3- https://trailblazer.me/id/nafila123

ADVANTAGES & DISADVANTAGES

A motor bike uses considerably less fuel than a car, especially on longer journeys. Since the gas tank on a motor bike is smaller, it will also cost less to fill up at the pump and there will be less times you find yourself at the gas pump to begin with.

Motor bikes need less repairs and maintenance than an automobile. Unlike a regular car, oil changes are relatively simple and can be done by the owner rather than a specialized mechanic. Repairs for motor bikes also cost less than car repairs.

When you are in the big city there is limited parking. Often if you have a larger car you cannot always easily find parking space. With a motor bike you can park anywhere you like and often there are special parking stalls just for motocycles.

Traffic is always a problem when you need to get somewhere. With a motor bike you no longer have to sit behind a sea of cars waiting for the traffic to get moving. Motor bikes can travel in between cars parked on the highway rather than waiting for their turn to move.

Registration and taxes for motor bikes are considerably less than for automobiles. Since motor bikes do not use as much fuel, there are government discounts on registering motor bikes.

Though there are advantages to saving money with a motor bike, there is the risk of personal safety. Unlike a car, drivers of motor bikes do not have doors, air bags or a bumper to protect them from impacts with property and other vehicles.

Other drivers on the road are often oblivious to motor bikes simply because they cannot always see them in their rear- and side-view mirrors. Drivers can cut off motor bikes or even run into them simply because they do not see them.

Though a motor bike is helpful for getting around, it has limited seating and storage. If you are going to the grocery store, you will not be able to haul home too many groceries. When you are out with friends, you have seating for only one more person, that is if you have the proper safety equipment for them.

APPLICATIONS

1. Fleet management: Businesses that have a fleet of vehicles can use these applications to manage and track their vehicles, divers, and maintenance schedules. This helps them optimize routes, reduces fuel costs, and increase efficiency.
2. Vehicle tracking: Vehicle tracking applications can be used by individuals or businesses to keep track of their vehicles in real-time. This can helping theft prevention, recovery of stolen vehicles, and monitoring the movement of vehicles for safety and security purposes.
3. Maintenance scheduling: These applications can be used to schedule and track maintenance and repairs for vehicles. This can help prevent breakdowns and prolong the life of the vehicles.
4. Expense tracking: Vehicle management applications can help track expenses related to vehicles such as fuel, maintenance, repairs, and insurance. This can help individuals and businesses manage their expenses and budget more effectively.

CONCLUSION

Effective Future adjustments may be made with ease because of how the package was created. The project's development has led to the following inferences. Efficiency is increased by automating the entire system. When compared to the current system, it offers a user-friendly graphical interface that is superior. Depending on their permissions, it grants the permitted users the proper access. It successfully gets over the communication lag. Our everyday lives revolve around our cars, which require routine maintenance to function well.

IoT automation makes the entire process of automotive service quick and smart. The above-mentioned technology not only keeps track of the condition of our automobile in real-time, but it also offers vital information and forecasts that enable us to estimate the cost and timing of the subsequent service. Even though this technology raises the cost of servicing, it stops service facilities from charging more and informs the client of all the modifications made to the vehicle. Overall, the consumer saves time and money with this method. The way we live and work has been dramatically changed by technologies like IoT and RPA.

It has simplified our lives. This technique lessens client effort while simultaneously improving the efficiency of our automobile. Predictive analysis may be enhanced by employing AI and different performance-enhancing techniques.

FUTURE SCOPE

This software eliminates manual labor and any associated issues. It is a simple approach to learning more about the many products that are available at supermarkets