

VEHICLE MANAGMENT

1 INTRODUCTION

Overview

Fleet managers are expected to manage key areas of fleet operation such as vehicle, acquisition, regulatory, compliance, vehicle maintenance, and fuel management.


Purpose

The purpose of fleet management is to track and manage the activities and conditions of vehicle, such as truck, car, and construction equipment, using digital means. This helps transportation businesses keep abreast of how their fleets perform while giving them ideas on how to optimize their usage.

2 Problem Definition & Design Thinking

Empathy Map


Template



Retrospective

Use this framework to reflect on recent work. This simple structure is useful both alone and in groups.

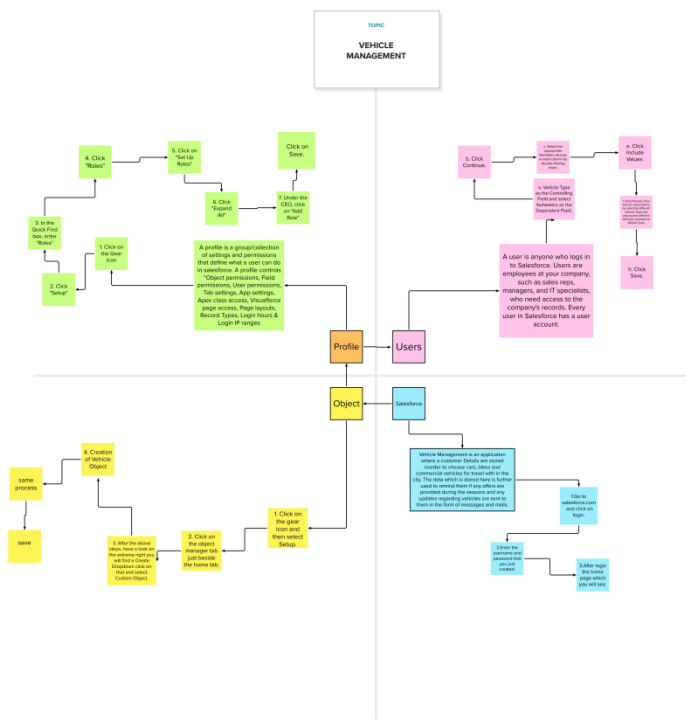
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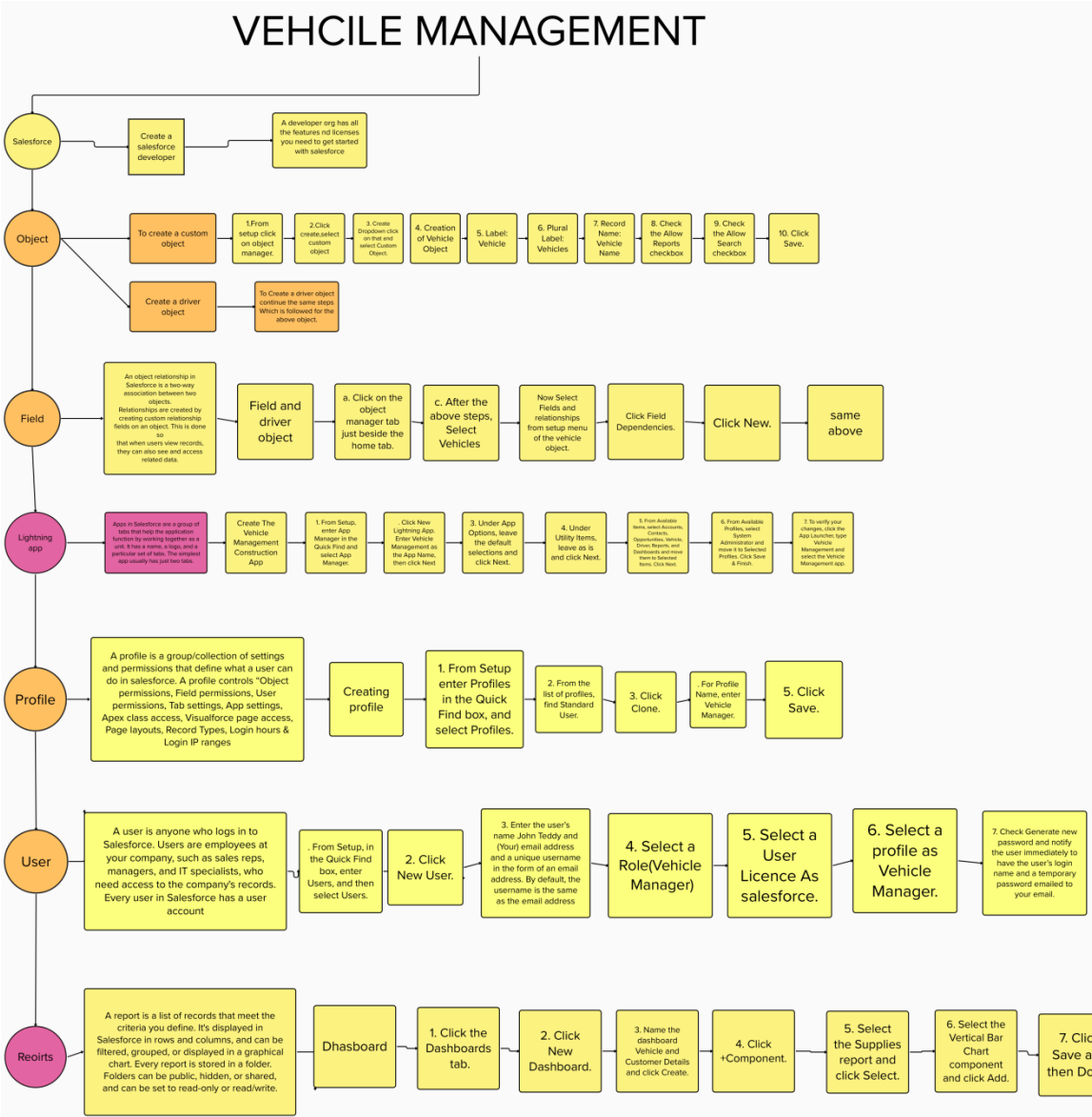
Reflect on the topic

Working silently and individually, have each person create a few sticky notes in all four quadrants below for about five minutes. With the remaining time, discuss notes in each quadrant.



The diagram is a central 'VEHICLE MANAGEMENT' box with four quadrants: Profile, Users, Object, and Service. The Profile quadrant contains a flowchart of steps: 1. Click on 'Profile', 2. Click on 'User', 3. Click on 'Settings', 4. Click on 'Object', 5. Click on 'Service', 6. Click on 'User', 7. Click on 'Settings', 8. Click on 'Object', 9. Click on 'Service'. The Users quadrant contains a flowchart of steps: 1. Click on 'User', 2. Click on 'Settings', 3. Click on 'Object', 4. Click on 'Service', 5. Click on 'User', 6. Click on 'Settings', 7. Click on 'Object', 8. Click on 'Service'. The Object quadrant contains a flowchart of steps: 1. Click on 'Object', 2. Click on 'Service', 3. Click on 'User', 4. Click on 'Settings', 5. Click on 'Object', 6. Click on 'Service', 7. Click on 'User', 8. Click on 'Settings', 9. Click on 'Object'. The Service quadrant contains a flowchart of steps: 1. Click on 'Service', 2. Click on 'User', 3. Click on 'Settings', 4. Click on 'Object', 5. Click on 'Service', 6. Click on 'User', 7. Click on 'Settings', 8. Click on 'Object', 9. Click on 'Service'. The diagram also includes a 'Need some inspiration?' section with a link to 'Open example' and a 'VEHICLE MANAGEMENT' section with a link to 'Open example'.

Ideation & Brainstorming Map



3 RESULT

Data Model:

Object name	Fields in the Object
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VEHCILE MANAGMENET

Vehicle	Field label	Data type
	Pradeepkumar	User
	Vehicle management	Profile
Driver	Field label	Data type
	App launcher	Custom tab
	2wheeler	Custom field definition

Activity & Screenshot

The screenshot shows the Salesforce Lightning Setup interface. The browser address bar displays the URL: `govtartsandsciencecollege10-dev-ed.develop.lightning.force.com/lightning/setup/SetupOneHome/home`. The page title is "Setup". The left sidebar contains a "Quick Find" search bar and a list of setup categories: "Setup Home", "Service Setup Assistant", "Multi-Factor Authentication Assistant", "Release Updates", "Lightning Experience Transition Assistant", "Salesforce Mobile App", "Lightning Usage Optimizer", "ADMINISTRATION", "Users", "Data", and "Email". The main content area is titled "Most Recently Used" and lists 10 items. The items are as follows:

NAME	TYPE	OBJECT
vehicle	Custom Object Definition	
john teddy	User	
pradeep kumar	User	
vehicle manager	Profile	
appexchange default	Custom App	
Insights	Custom App	
AppLauncher	Custom App	
Work	Custom App	
vechile managements UtilityBar	Lightning Page	

4

Trailhead Profile Public URL

Team Lead –

<https://trailblazer.me/id/pkumar4781>

<https://trailblazer.me/id/hgahlot3>

Team Member 1 –

<https://trailblazer.me/id/pkumar4781>

Team Member 2 -

<https://trailblazer.me/id/pkumar4781>

Team Member 3 –

<https://trailblazer.me/id/pkumar4781>

e/id/pkumar4781

VEHICLE MANAGMENT

5 ADVANTAGES & DISADVANTAGE

ADVANTAGES

- Improve fleet safety and working conditions
- Improve behavior and performance of driver and fleet unsafe driving
- Schedule shift and work hours
- Leverage driver retention
- Track vehicles ,assets or professional equipment(even trailers and containers)

DISADVANTAGE

- As shown vehicle obtains its location informaotion using its GPS receiving device with the help of GPS
- The API is used to store data room vehicles using HTTP or MQTT protocols over internet to the servers.
- The fleet management software application or website can be used on various computing devices such as mobile phones, tablets, desktops or laptops.

6 APPLICATIONS

- Vehicle procurement and inventory
- Vehicle insurance
- Vehicle rental
- Vehicle use

7 CONCLUSION

Vehicle Management System Report contains the following points : Introduction of **Vehicle Management System**; Abstract of **Vehicle Management System**.

8 FUTURE SCOPE

Digitise end to end logistics and fleet operations to improve efficiency, safety and reduce cost.