1   INTRODUCTION

Vehicle management is an application where a customer details are stored in order to choose cars , bikes and commercials vehicles fortravel with in the city. The data which is stored here is further used to remainder them if any offers are provided during the seasons and any updates regarding vehicle are sent to then in the form of messages and mails.

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1.1 Overview

- The main objective of the project on vehicle management system is to manage the details of vehicle, Driver, Maintenance , Fuel

- It manages all the information about vehicle, vehicle Type, Fuel, vehicle.

- The project is totally built at administrative end and thus only the administrator is guarantee the access.

- It tracks all the details about the insurance maintenance fuel.

1.2 Purpose

A vehicle management system is a software system or platform that serves to manage commercial fleets of vehicles, such are cars, vans or trucks or even heavy equipment to ensure they're utilized safely, efficiently and professionally, while making sure they're well maintained and high performing.
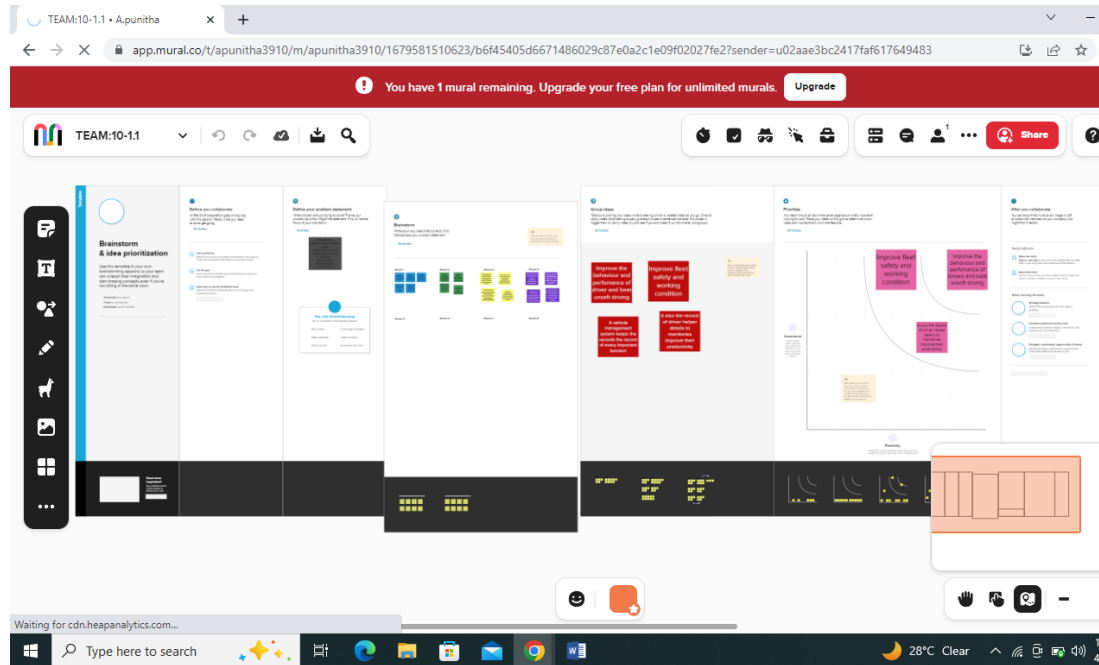
2   Problem Definition & Design Thinking

2.1 Empathy Map
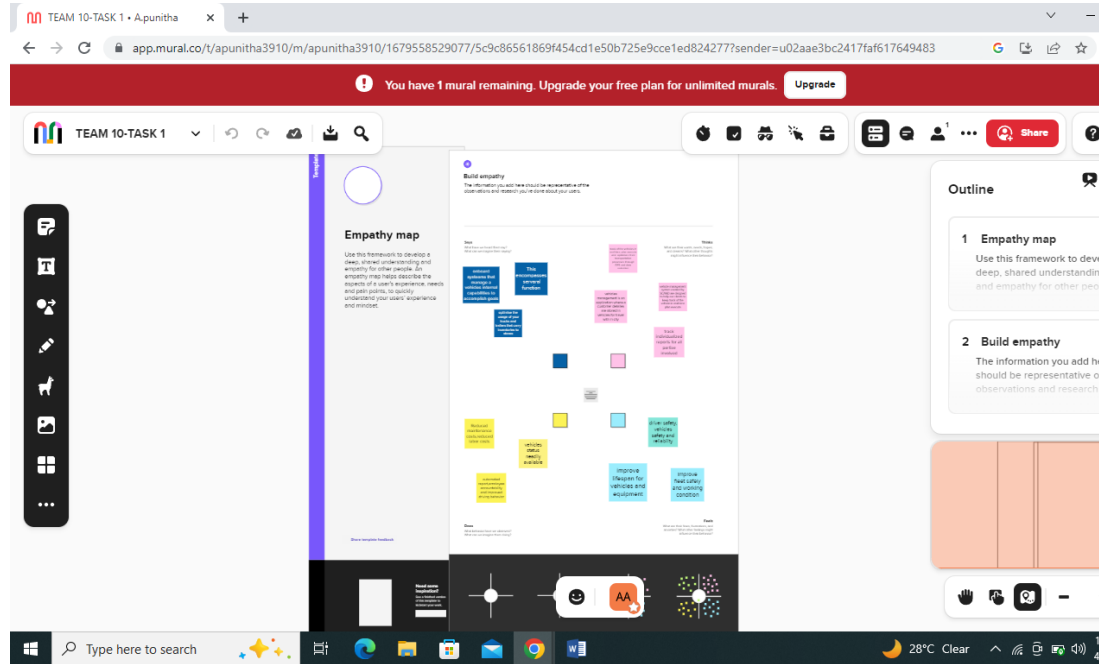
2.2 Ideation & Brainstorming Map

3   RESULT
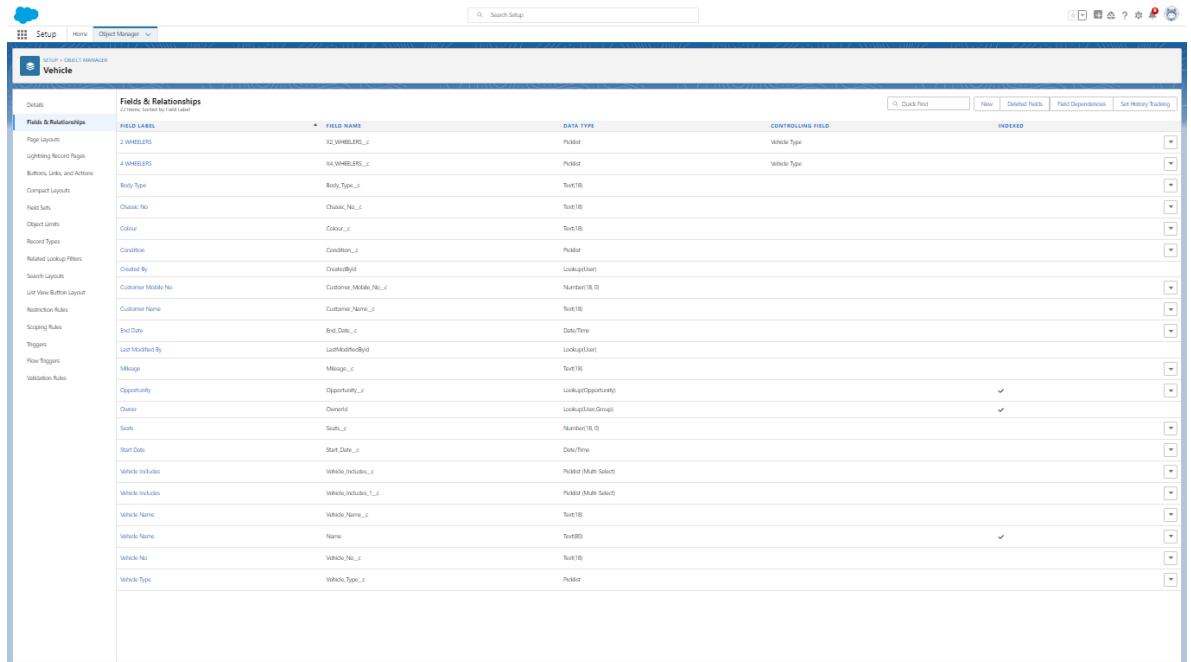
3.1 Data Model:

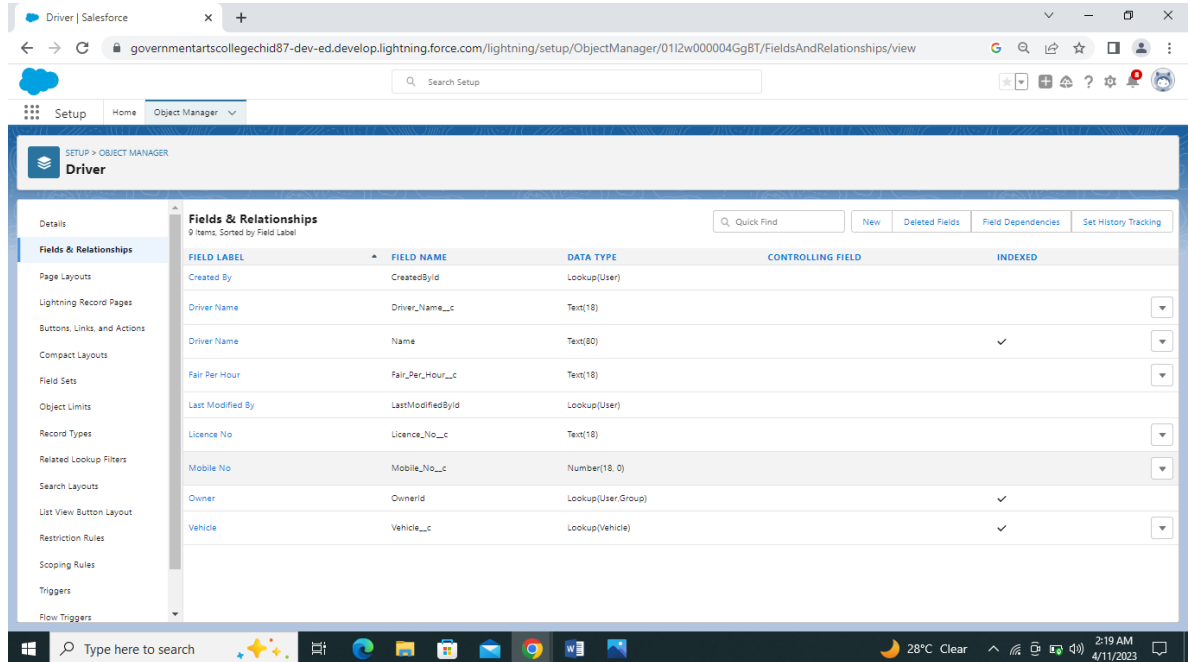| Object name	Fields in the Object	
Vehicle		
	Field Names	**Data Type**
	Customer Name	Text
	Customer mobile no	Number
	Vehicle Type 2 Wheeler 4 wheeler	Picklist
	2 WHEELERS HERO HONDA BAJAJ ROYAL ENFLELD TVS KINETIC OLA JAVA SD BATTERY	picklist
	4WHEELERS RENAULT SKODA HONDA HYUNDAI SUZUKI MAHINDRA VOLKSWAGEN BENZ AUDI VOLVO	Picklist
	Vehicle name	Text
	Vehicle no	Text
	Chassic No	Text
	Colour	Text
	Body type	Text
	Vehicle includes Fire Extenuation First Aid Kit Multi Charger Kit Stero Tool Kit Tracking Device Tyre Jack	Multi picklist
	Condition	picklist

	Good Medium Last	
	Mileage	Text
	Seats	Number
	Start date	Date /time
	End Date	Date/Time
	Opportunity	Lookup(opportunities)
Driver	Field	Data Type
	Driver Name	Text
	Licence No	Text
	Mobile No	Number
	Fair Per Hour	Text
	Vehicle	Lookup(vehicle)

3.2 Activity & Screenshot

4 Trailhead Profile Public URL

Team Lead –

https://trailblazer.me /id/ppunitha2

Team Member1 –

https://trailblazer.me/id/llavanya41

Team Member 2 -
https://trailblazer.me/id/aarthi111

Team Member 3 –

https://trailblazer.me/id/suram41

5   ADVANTAGES & DISADVANTAGE

ADVANTAGES

- Duplication of the vehicle data is avoided
- As vehicle number is already stored in the master therefore human mistakes can be avoided
- Timely alerts ensure that penalties are avoided

DISADVANTAGES:

- Vehicle create pollution which can be damaging to our environment and health.
- The cost of owning and maintaining a vehicle can be high depending on its age and condition.
- Driving requires focus and practice so inexperienced drivers may find it difficult or dangers.

6   APPLICATIONS

The vehicle management system is an application for the automotive industry. It supports, in the area of sales &services, the business processes that you require as vehicle importer when dealing with your dealers in new and used vehicle sales.

7   CONCLUSION

Our project is only humble to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirement of the school. The objective of software planning is to provide 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.

8   FUTURE SCOPE

In a nutshell , it can be summarized that the future scope of the project circle around maintaining information regarding .

- We can add printer in future.

- We can give more advance software for vehicle management system including more facilities.

- We will host the platform on online servers to make it accessible world wide.

- Integrate multiple load balancers of distribute the loads of the **system.**