## PROJECT REPORT



# VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

## **1 INTRODUCTION**

### 1.1 Overview

## **Vehicle Management System using Salesforce**

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.

**Milestone 1:Creation Salesforce Org:** Salesforce is your customer success platform, designed to help you sell, service, market, analyze, and connect with your customers

**Milestone-2:Object :** Standard Objects:Account,Contact,Opportunity. Custom objects:Vehicles,Drivers

**Milestone -3:Fields and Relationship**: An object relationship in Salesforce is a two-way association between two objects.

**Milestone-4:Lightning App**: Apps in Salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs.

**Milestone-5: Profile:** A profile is a group/collection of settings and permissions that define what a user can do in salesforce.

**Milestone-6: Users:** A user is **anyone who logs in to Salesforce**. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records.

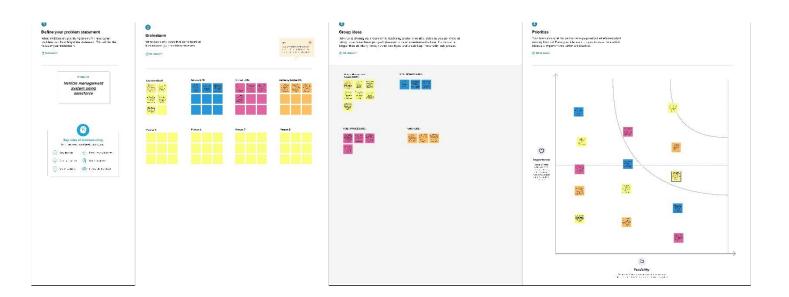
**Milestone-7:Reports**: A report is a list of records that meet the criteria you define. It's displayed in Salesforce in rows and columns, and can be filtered, grouped, or displayed in a graphical chart.

## 1.2 Purpose

- Compatible with Salesforce Lightning.
- User has the option to link the driver with the specific vehicle.
- A separate tab for listing of drivers and assigning routes to them. It allows to manage the assigned cabs dispatched for particular route
- Details about the Vehicle & Driver

## 2 Problem Definition & Design Thinking

## 2.1 Empathy Map



## 2.2 Ideation & Brainstorming Map

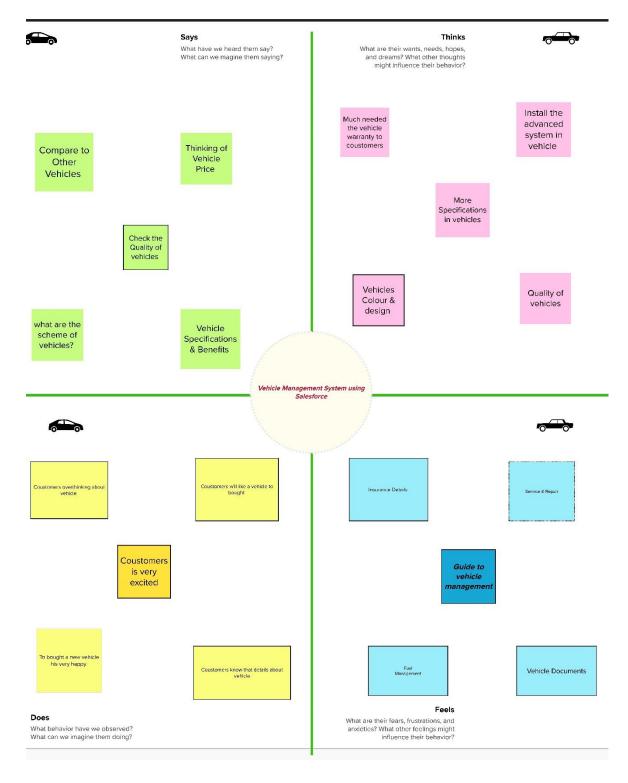


## Vehicle Manegement system using Salesforce





## Sales of Vehicles



## **3 RESULT**

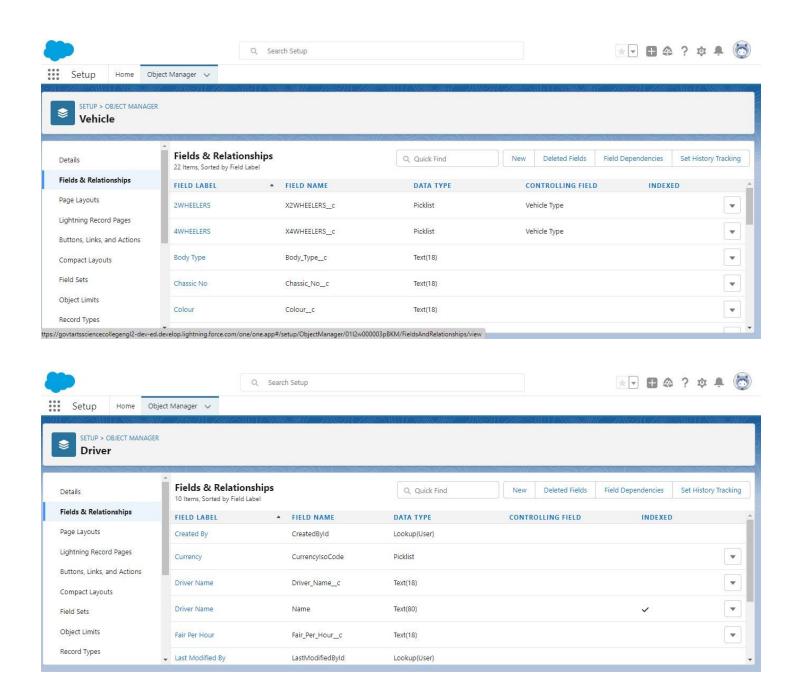
## 3.1 Data Model:

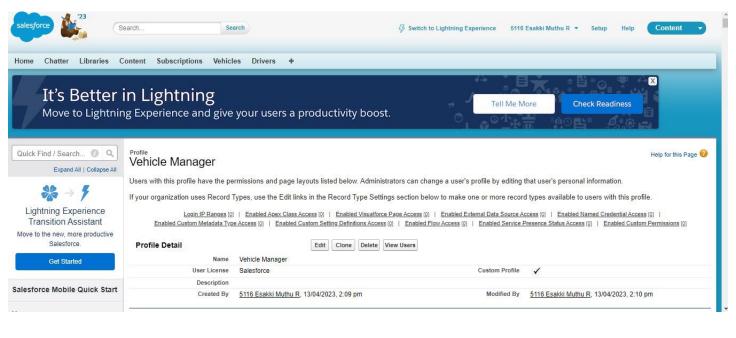
Object name	Fields in the Object	
	Field label	Data type
	Customer Name	Text
	Customer Mobile No	Number
	Vehicle Type i)2 wheeler ii)4 wheeler	Picklist
Vehicles objects	2WHEELERS i) HERO ii)HONDA iii)BAJAJ iv)ROYAL ENFIELD v)TVS vi)KINETIC vii)OLA viii)JAWA ix)SD x)BATTERY	Picklist
	4WHEELERS i) RENAULT ii)SKODA iii) HONDA iv)HYUNDAI v)SUZUKI vi)MAHINDRA vii)VOLKSWAGEN viii)BENZ ix)AUDI x)VOLVO	Picklist
	Vehicle Name	Text
	Vehicle No	Text

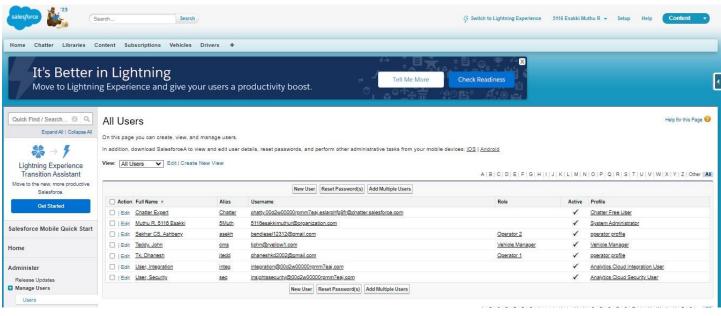
	Chassic No	Text
	Colour	Text
	Body Type	Text
	Vehicle Includes i)Fire Extenuation ii)First Aid Kit iii)Multi Charger kit iv)Stepney v)Stereo vi)Tool Kit vii)Tracking Device viii)Tyre Jack	Multi Picklist
	Condition i)Good ii)Medium iii)Least	Picklist
	Mileage	Text
	Seats	Number
	Start Date	Date/Time
	End Date	Date/Time
	Opportunity	Lookup(opportunities)
Driver objects		•
	Field label	Data type
	Driver Name	Text
	Licence No	Text

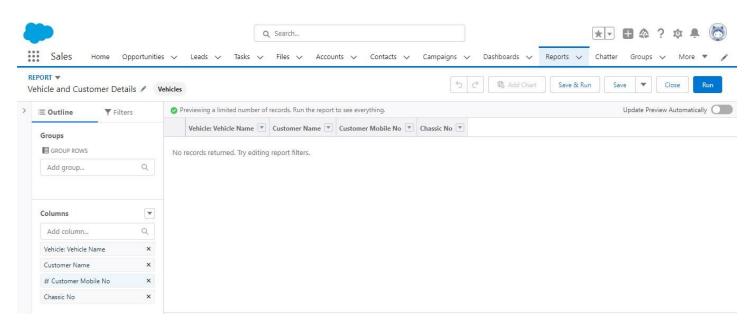
Mobile No	Number
Fair Per Hour	Text
Vehicle	Lookup(Vehicle)

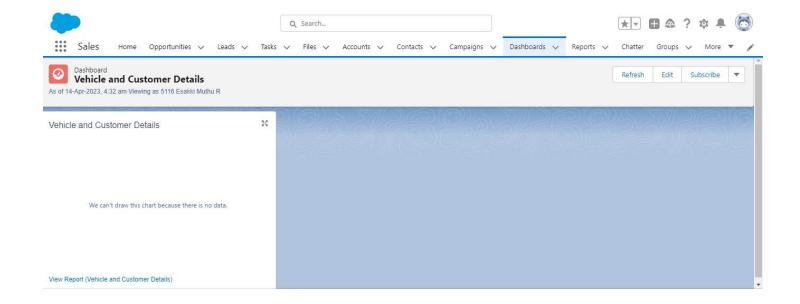
## 3.2 Activity & Screenshot











## 4 Trailhead Profile Public URL

Team Lead — https://trailblazer.me/id/chandru459

Team Member 1 - https://trailblazer.me/id/muthur5

Team Member 2 - https://trailblazer.me/id/d51tkd

Team Member 3 - <a href="https://trailblazer.me/id/asekhar14">https://trailblazer.me/id/asekhar14</a>

## **5 ADVANTAGES & DISADVANTAGE**

#### Advantages:

Accessing of vehicle documents becomes easy and time saving

Renewal of statutory documents on timely manner avoids any legal confrontation

No duplication ensures accuracy of vehicle data

#### Disadvantage:

Uneducated peoples cannot use this vehicle system development....

Sometimes vehicle and driver information may be incorrect.

**Infrastructure Needs**: You'll face issues using vehicle management software systems if you don't have proper network infrastructure. Without a stable Internet connection at all times, you will be missing out on the 'real-time' aspect of these systems. However, you can hardly do anything effectively without proper network infrastructure an anyway.

## **6 APPLICATIONS**

Vehicle management system is an automated software for the transportation industry or an organization which owns a large number of vehicle & managing fleets It is an organized code which provides management functions that permit corporations to get rid of or minimize the risks related to vehicles It helps a business to boost up some outstanding criteria including the daily management of vehicles fuel and services management cost & inventory management etc

Bdtask has designed the most modern vehicle management software to manage large vehicles and fleets This system processes and analyzes every single data of all vehicles It is an online based software which is really helpful for Bus Car Taxi Cover Van & Truck operators to manage everyday workflow and performance

## 7 CONCLUSION:

Our project is only a humble venture 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 at the requirements of the school.

We describe the requirement Specifications of the system and the actions that can be done on these things.

## **8 FUTURE SCOPE :**

- \* 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 worldwide Integrate multiple load balancers to distribute the loads of the system
- \* Create the master and slave database structure to reduce the overload of the database queries
- \* Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Vehicle and Driver. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Vehicle Management System. Enhancements can be done to maintain all the Vehicle, Driver, Insurance, Maintanance, Fuel. We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.