

GOVERNMENT ARTS AND SCIENCE COLLAGE
(Aranthangi)

PROJECT REPORT

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

TEAM MATES

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1)INTRODUCTION :

Vehicle Management Systems (VMS) have become increasingly important over time in space missions, due both to the demands for increased flexibility and capability of these missions, and the supply of increasingly capable computing systems to provide this improved functionality.

VMSs include the management of uncertainties in vehicle state, which is the vehicle portion of System Health Management (SHM), and the management and control of vehicle components to achieve external goals, which we will term “System Operations Management” (SOM).

PURPOSE :

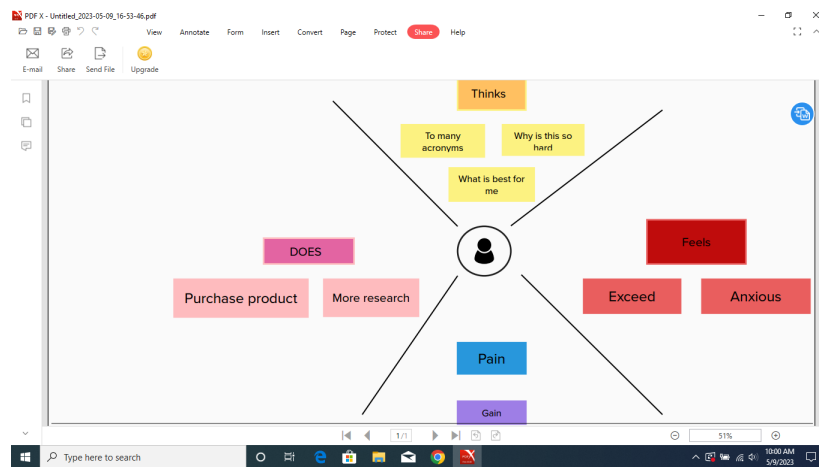
The Vehicle Management System (VMS) is an application for the Automotive industry. It supports, in the area of

Sales & Services, the business processes that you require as
vehtype

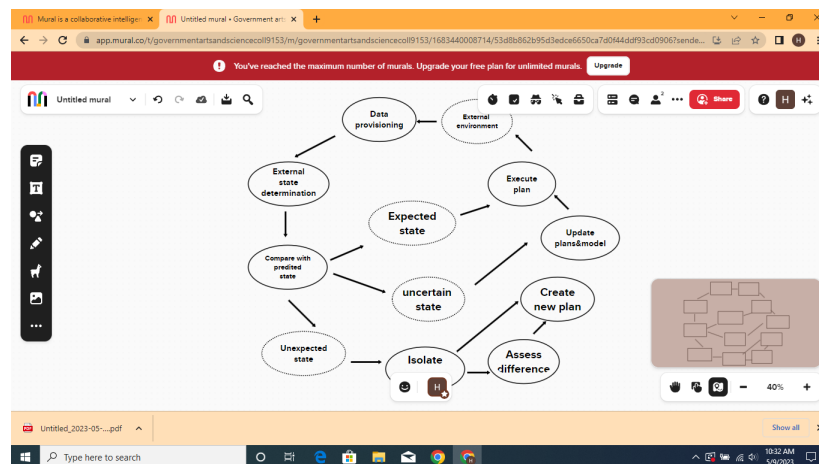
importer when dealing with your original equipment
manufacturers (OEMs) and your dealers in new and used vehicle
sales.

2)PROBLEM DEFINITION & DESIGN THINKING :

EMPATHY MAP



BRAINSTROMING MAP :

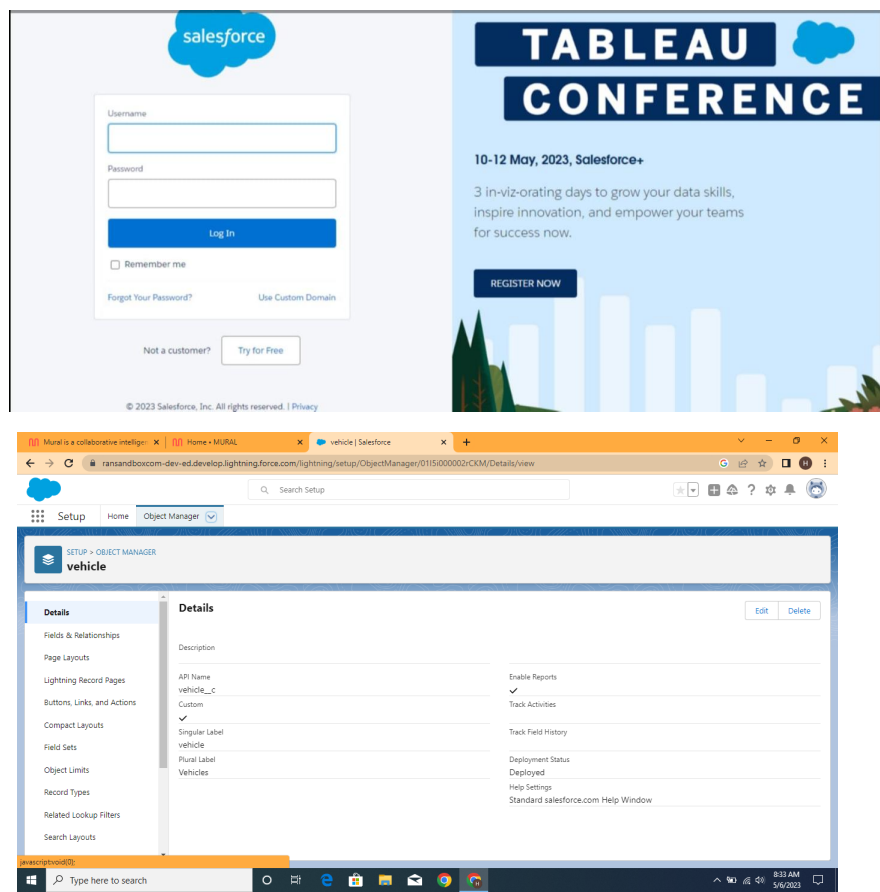


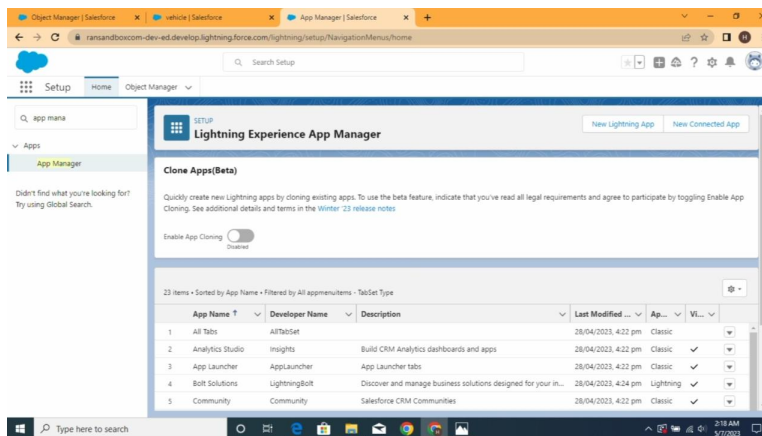
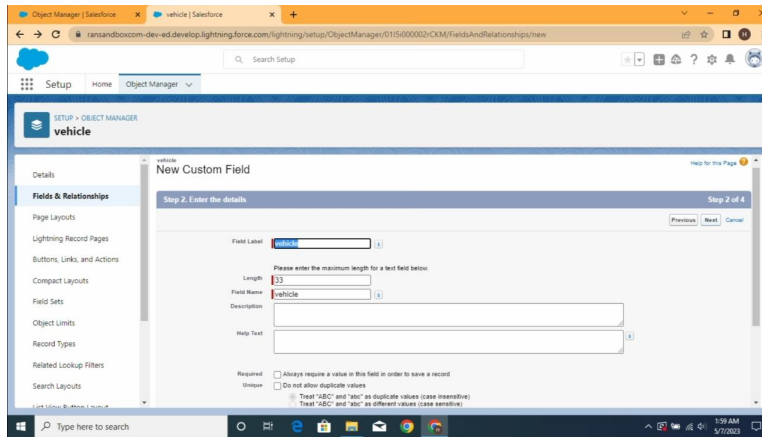
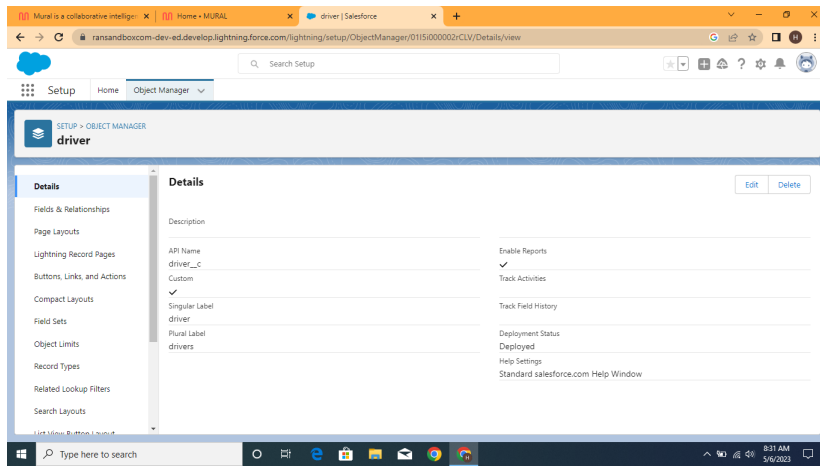
3)RESULT :

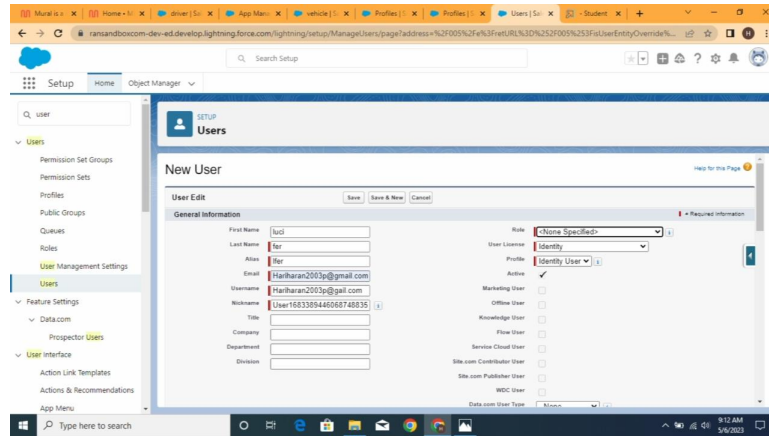
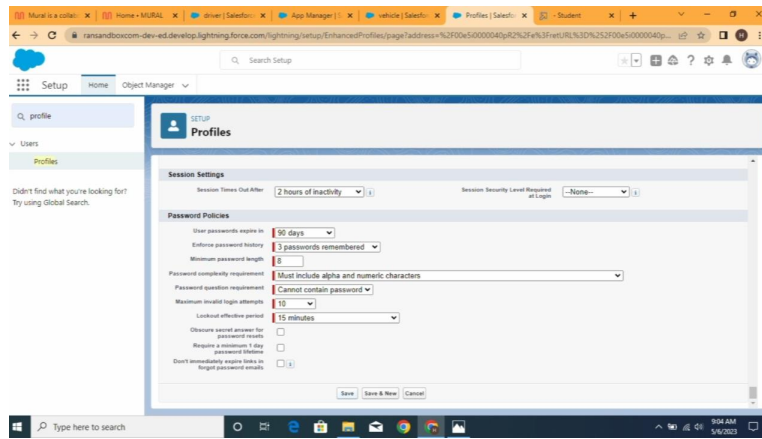
DATA MODEL:

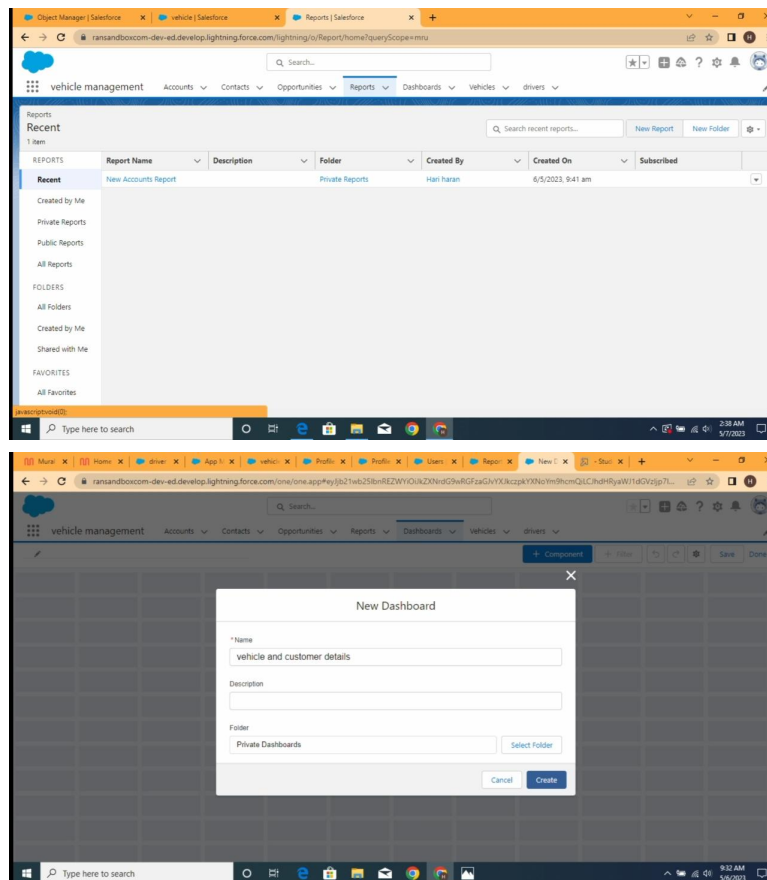
Object names	Field label	Data type
Object 1	Vehicle	Text
Object 2	Driver	Number

3)ACTIVITY&SCREENSHOT:









4)TRAILHEAD PROFILE PUBLIC URL

Team lead-

<https://trailblazer.me/id/hharan92>

Team member 1-

<https://trailblazer.me/id/iarasan1>

Team member 2-

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

Team member 3-

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

5)ADVANTAGES & DISADVANTAGE :

Advantages:

1 Tax deduction and insurance benefits.

- 2 Driver satisfaction and retention.**
- 3 Improved capacity, more growth.**
- 4 Better customer service, happier customers.**

Disadvantages:

- 1 It is difficult to manage and maintain vehicle management system due to use of multiple technologies such as cloud servers, cellular wireless systems, fleet management software etc.**
- 2 It requires skilled resources to maintain such system. This increases maintenance costs.**
- 3 GPS device used in vehicle management is power hungry which drains battery faster.**

6)APPLICATIONS :

A vehicle management system is a software system — or platform — that serves to manage commercial fleets of vehicles, such as 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.

7)CONCLUSION :

This paper provides a starting point from which other engineers can expand these ideas to better understand and design these complex and critical systems.

8) FUTURE SCOPE :

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.