GOVERNMENT ARTS AND SCIENCE COLLAGE

(Aranthangi)

PROJECT REPORT

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

TEAM MATES

S. Swathi(team leader)

M. Umamaheshwari

N. Varshini

V. Vijayarani

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 :

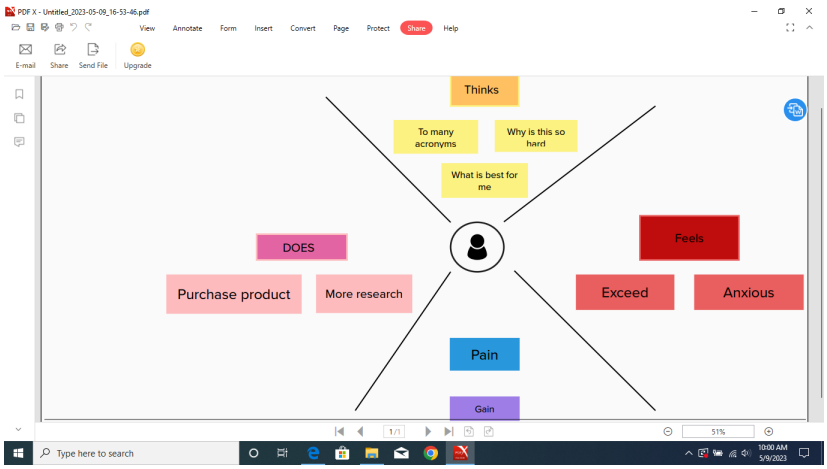
The Vehicle Management System (VMS) is an application for the Automotive industry. It supports, in the area of

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

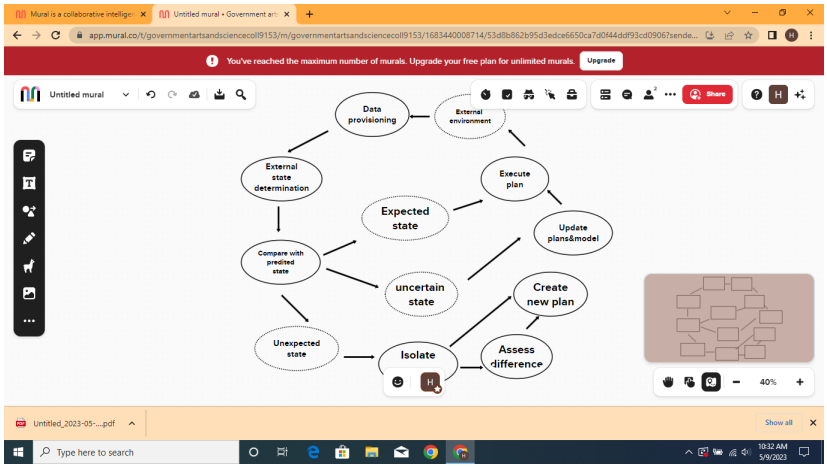
importer when dealing with your original equipment manufacturers (OEMs) and your dealers in new and used vehicle sales.

2)PROBLEM DEFINITION & DESIGN THINKING :

EMPATHY MAP



BRAINSTROMING MAP :

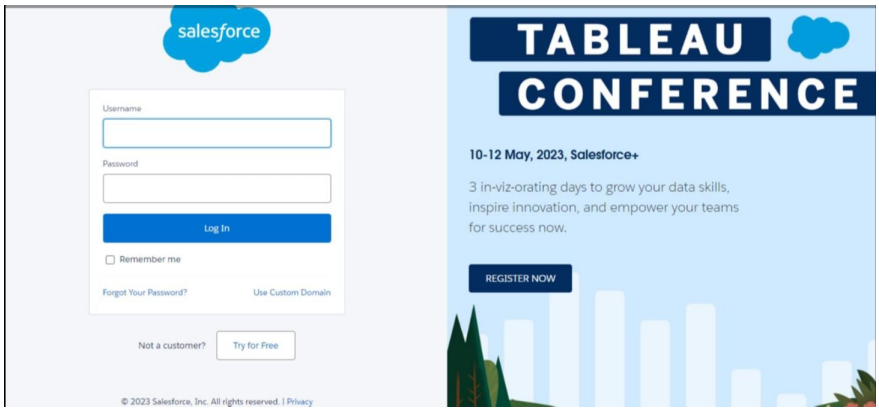


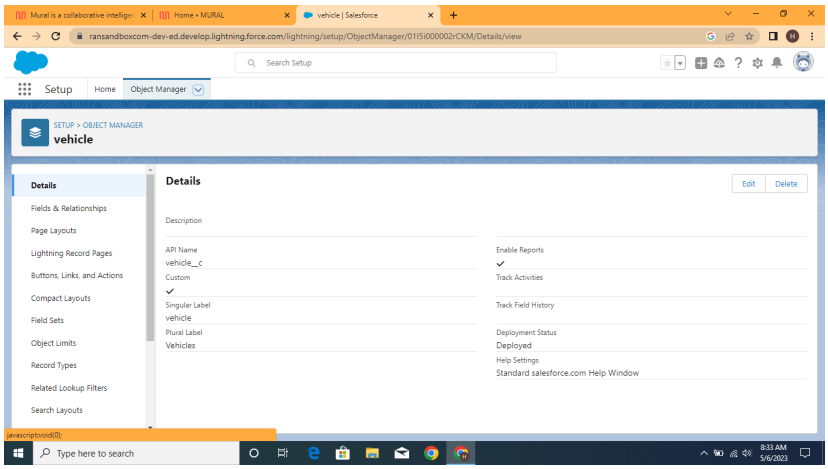
3)RESULT :

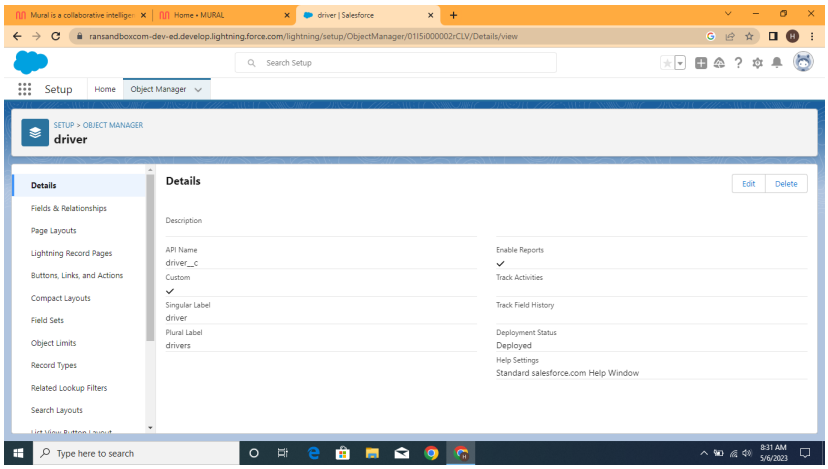
DATA MODEL:

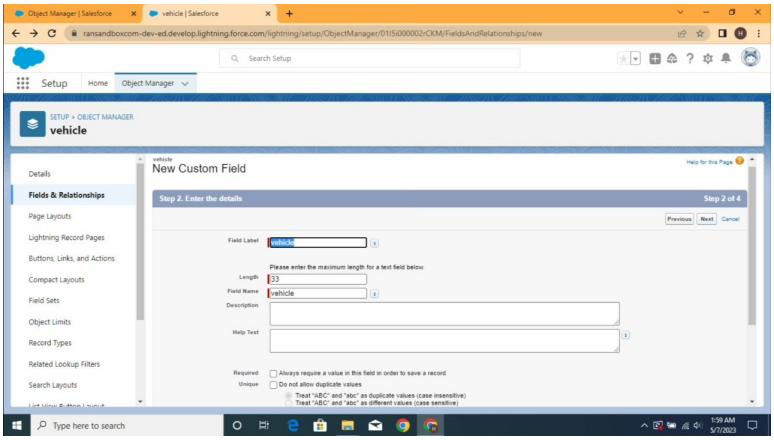
Object names	Field label	Data type
Object 1	Vehicle	Text
Object 2	Driver	Number

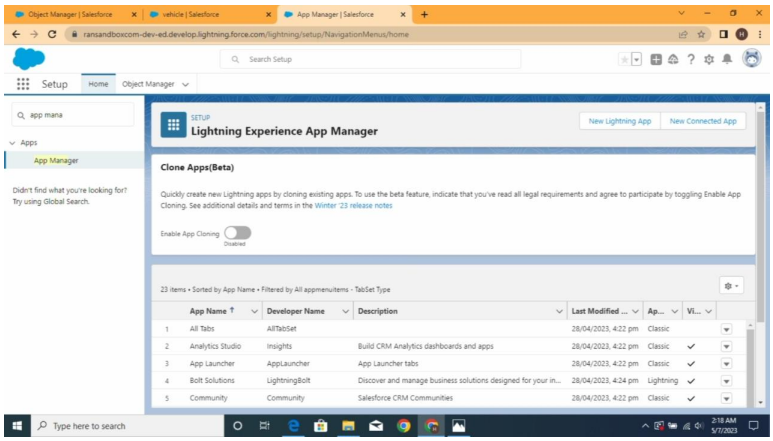
3)ACTIVITY&SCREENSHOT:

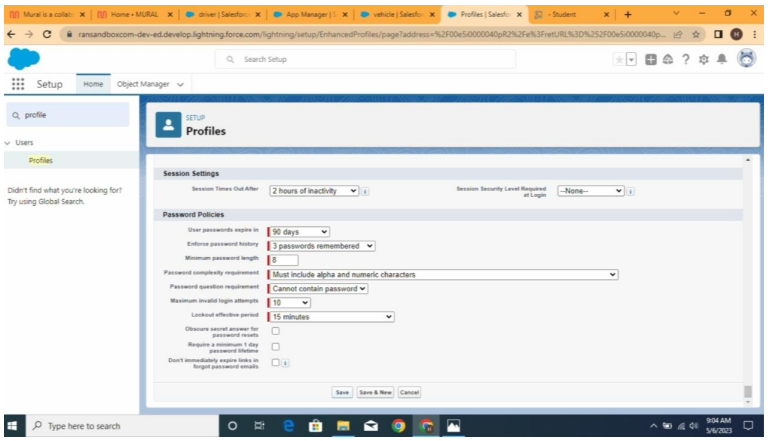





driver | Salesforce
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
driver
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Edit
Delete
Description
API Name
driver__c
Custom
Singular Label
driver
Plural Label
drivers
Enable Reports
Track Activities
Track Field History
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window


vehicle | Salesforce
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
vehicle
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
New Custom Field
Step 2. Enter the details
Step 2 of 4
Previous
Next
Cancel
Field Label
vehicle
Please enter the maximum length for a text field below.
Length
33
Field Name
vehicle
Description
Help Text
Required
Always require a value in this field in order to save a record
Unique
Do not allow duplicate values


App Manager | Salesforce
Setup
Home
Object Manager
app mana
Apps
App Manager
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
Disabled
23 items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type
App Name
Developer Name
Description
Last Modified ...
Ap...
Vi...
1 All Tabs AllTabSet 28/04/2023, 4:22 pm Classic
2 Analytics Studio Insights Build CRM Analytics dashboards and apps 28/04/2023, 4:22 pm Classic
3 App Launcher AppLauncher App Launcher tabs 28/04/2023, 4:22 pm Classic
4 Bolt Solutions LightningBolt Discover and manage business solutions designed for your in... 28/04/2023, 4:24 pm Lightning
5 Community Community Salesforce CRM Communities 28/04/2023, 4:22 pm Classic


Setup
Home
Object Manager
profile
Users
Profiles
Didn't find what you're looking for?
Try using Global Search.
SETUP
Profiles
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes
Obscure secret answer for password resets
Require a minimum 1 day password lifetime
Don't immediately expire links in forgot password emails
Save
Save & New
Cancel
Type here to search
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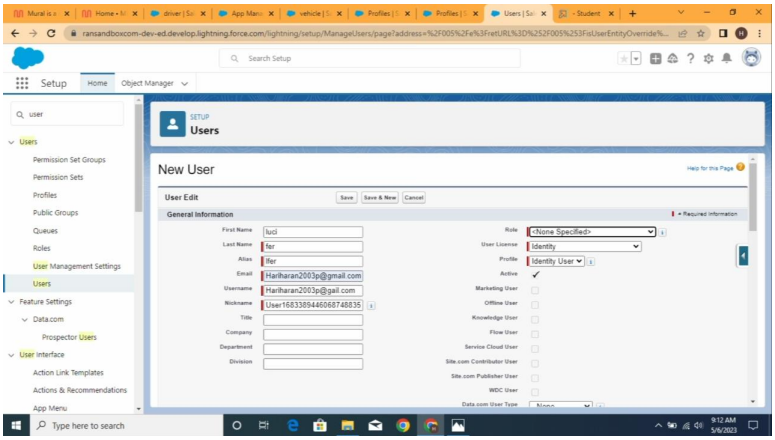
5/6/2023


Setup
Home
Object Manager
user
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Feature Settings
Data.com
Prospector Users
User Interface
Action Link Templates
Actions & Recommendations
App Menu
SETUP
Users
New User
Help for this Page
User Edit
Save
Save & New
Cancel
General Information
* = Required Information
First Name
luci
Last Name
fer
Alias
lfer
Email
Hariharan2003p@gmail.com
Username
Hariharan2003p@gail.com
Nickname
User16833894460687 48835
Title
Company
Department
Division
Role
<None Specified>
User License
Identity
Profile
Identity User
Active
Marketing User
Offline User
Knowledge User
Flow User
Service Cloud User
Site.com Contributor User
Site.com Publisher User
WDC User
Data.com User Type
Type here to search
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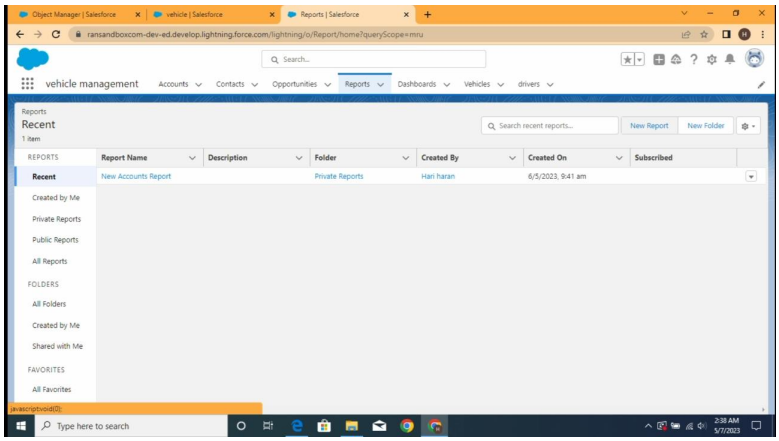
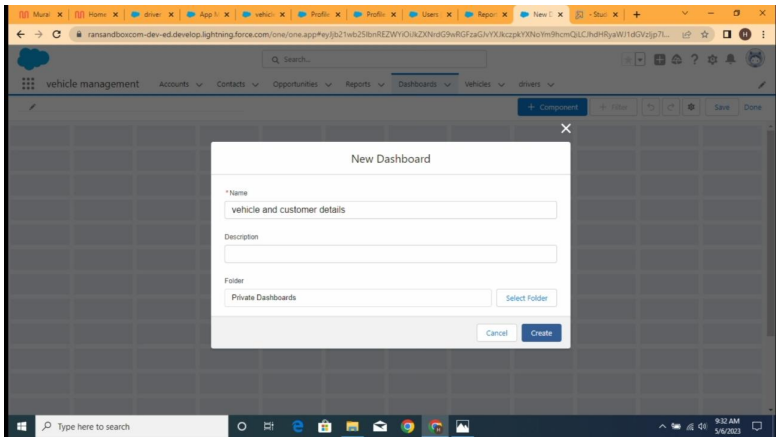
5/6/2023





4)TRAILHEAD PROFILE PUBLIC URL

Team lead-

https://trailblazer.me/id/sswathis1

Team member 1-

https://trailblazer.me/id/umuthumariyappan

Team member 2-

https://trailblazer.me/id/vvarshini14

Team member 3-

https://trailblazer.me/id/gvijay76

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 systeSCOPE

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.