

PROJECT REPORT TEMPLATE

TITLE : VEHICLE MANAGEMENT SYSTEM USEIN SALESFORCE

TEAM ID : NM2023TMID02147

TEAM SIZE : 4

COLLEGE : GOVERNMENT ARTS AND SCIENCE COLLEGE

DISTRICT : NAGAPATTINAM

TEAM LEADER : R. PRIYANKA

TEAM MEMBER 1 : T. ARUN

TEAM MEMBER 2 : G. MONISHA

TEAM MEMBER 3 : D. JEEVITHA

TEAM ID : NM2023TMID02147

1. INTRODUCTION

1.1Overview:

A tracking software that captures location, movement, availability, activity, idle time, operator identity, and vehicle usage duration.

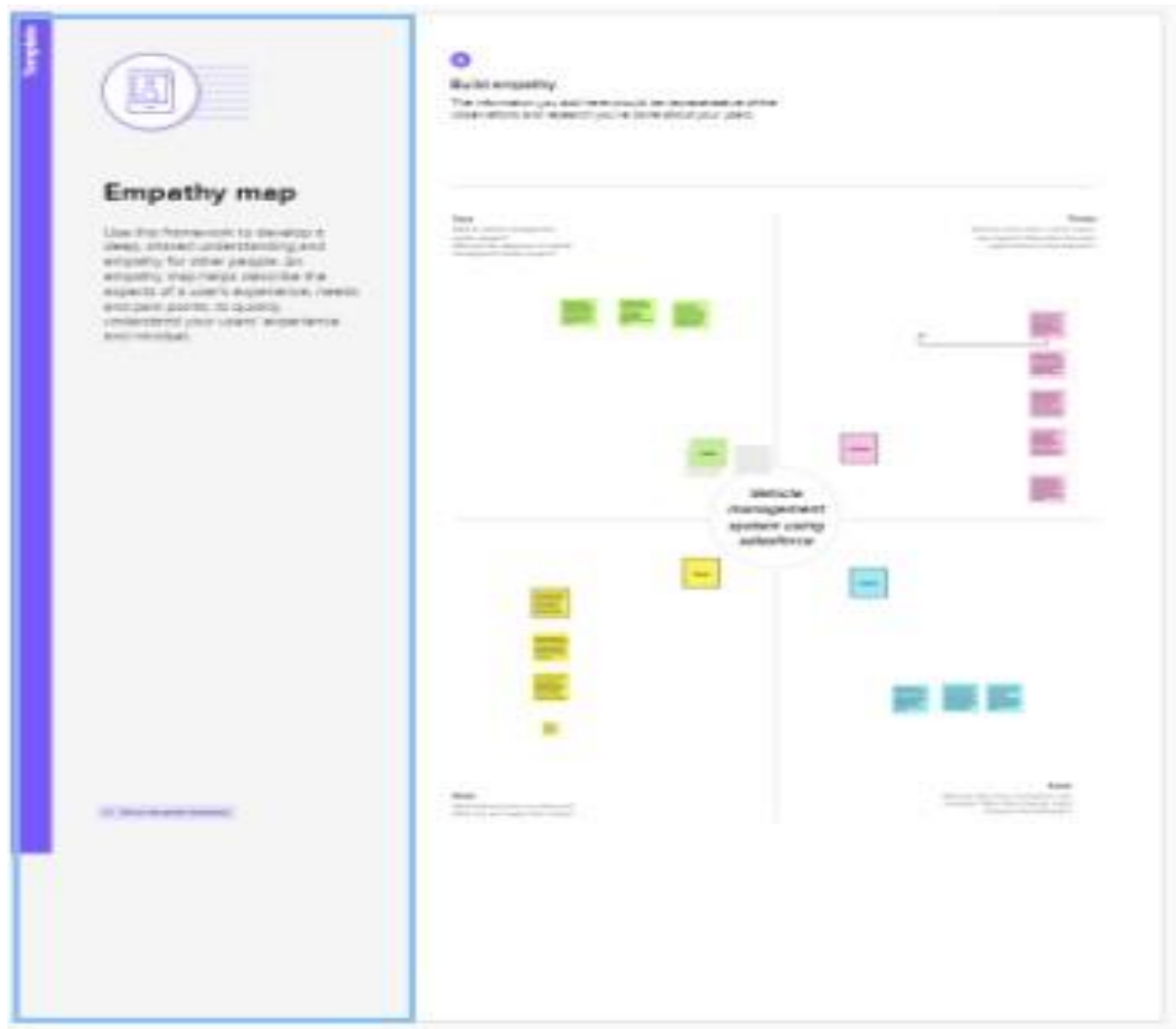
1.2Purpose

- 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.

1. Problem Definition & Design Thinking

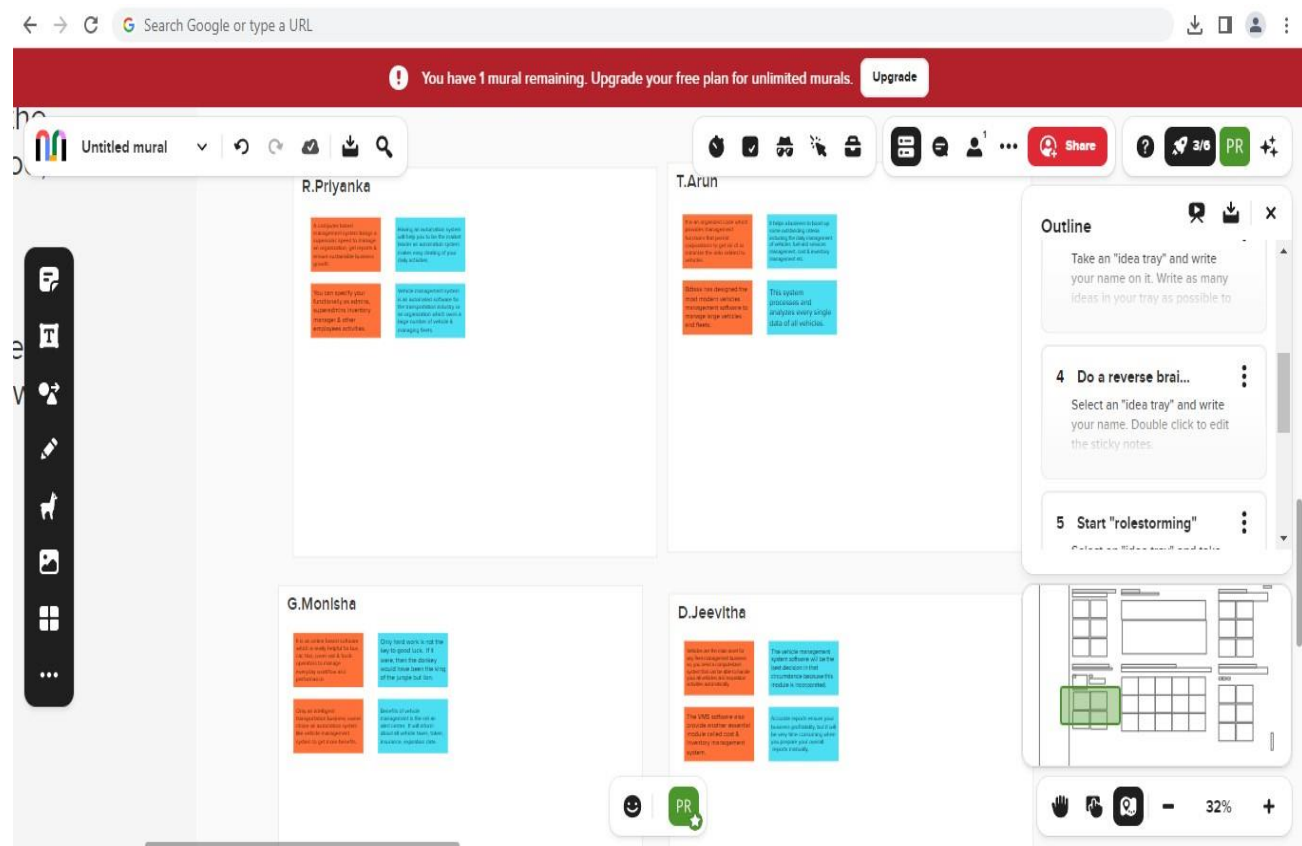
An empathy map is a collaborative visualization used to articulate what we know about a particular type of user. It externalizes knowledge about users in order to

- 1) Create a shared understanding of user needs, and
- 2) Aid in decision making.



2.2 Brainstorming:

Brainstorming is a group problem-solving method that involves the spontaneous contribution of creative ideas and solutions. This technique requires intensive, freewheeling discussion in which every member of the group is encouraged to think aloud and suggest as many ideas as possible based on their diverse knowledge.



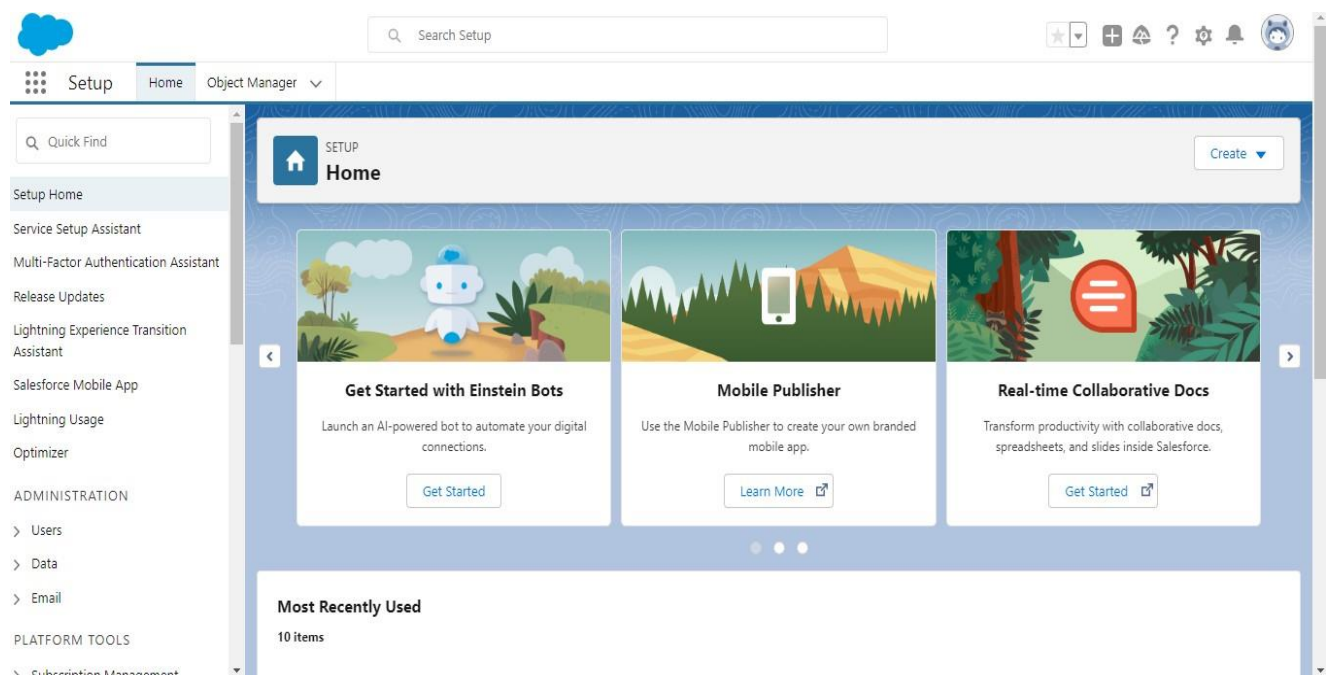
3.RESULT


3.1 data model

OBJECT NAME	FIELD LABEL	DATA TYPE
VEHICLE	Customer Name	Text
	Customer mobile number	phone
DRIVER	Driver name	Text
	Licence no	Text








3.2 Activity & Screenshot:

HOME





Search Setup



SetupHomeObject 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

Details

Description

API Name
vehicle__c

Custom
✓

Singular Label
vehicle

Plural Label
vehicles

Enable Reports
✓


Track Activities

Track Field History








Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

EditDelete



Search Setup



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Driver

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Details

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

EditDelete

Search Setup

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⚙️

🔔

👤

Setup

Home

Object Manager

Q profile

Users

Profiles

Didn't find what you're looking for?
Try using Global Search.

SETUP

Profiles

Profile

vehicle managements

Help for this Page

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

[Login IP Ranges \[0\]](#) | [Enabled Apex Class Access \[0\]](#) | [Enabled External Data Source Access \[0\]](#) | [Enabled Named Credential Access \[0\]](#) | [Enabled Custom Metadata Type Access \[0\]](#) | [Enabled Custom Setting Definitions Access \[0\]](#) | [Enabled Flow Access \[0\]](#) | [Enabled Service Presence Status Access \[0\]](#) | [Enabled Custom Permissions \[0\]](#)

Profile Detail

Edit

Clone

Delete

View Users

Name	vehicle managements		
User License	Analytics Cloud Integration User	Custom Profile	<input checked="" type="checkbox"/>
Description			
Created By	Priyanka B. 27/04/2023, 3:20 pm	Modified By	Priyanka B. 27/04/2023, 3:21 pm

Page Layouts

Standard Object Layouts			
Global	Global Layout [View Assignment]	Object Milestone	Object Milestone Layout [View Assignment]
Email Application	Not Assigned [View Assignment]	Operating Hours	Operating Hours Layout [View Assignment]
Home Page Layout	Home Page Default	Connectivity	Connectivity Layout

Search Setup

☆

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👤

Setup

Home

Object Manager

Q profile

Users

Profiles

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SETUP

Profiles

Profile Edit

vehicle managements

Help for this Page

Set the permissions and page layouts for this profile.

Profile Edit

Save

Save & New


Cancel

Name	vehicle managements		
User License	Analytics Cloud Integration User	Custom Profile	<input checked="" type="checkbox"/>
Description			








Custom App Settings

Required Information

	Visible	Default		Visible	Default
Analytics Studio (standard__Insights)	<input type="checkbox"/>	<input type="radio"/>	vehicle managements (vehicle_managements)	<input type="checkbox"/>	<input type="radio"/>
App Launcher (standard__AppLauncher)	<input type="checkbox"/>	<input type="radio"/>	WDC (standard__Work)	<input type="checkbox"/>	<input type="radio"/>
Platform (standard__Platform)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>			



Search Setup



SetupHomeObject 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

Driver

New Custom Field

Help for this Page

Step 1. Choose the field type

Step 1

NextCancel

Specify the type of information that the custom field will contain.

Data Type

Select one of the data types below.

☒ None Selected

☐ Auto Number

☐ Formula

☐ Roll-Up Summary


☐ Lookup Relationship

A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.








A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.

A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.

Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.



Search Setup



SetupHomeObject Manager

Q tabs

User Interface

Rename Tabs and Labels

Tabs

Didn't find what you're looking for?
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SETUP

Tabs

Custom Tabs



Help for this Page

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

NewWhat Is This?

Action	Label	Tab Style	Description
Edit Del	Drivers	 People	
Edit Del	vehicles	 Car	

Web Tabs

NewWhat Is This?

No Web Tabs have been defined

Visualforce Tabs

NewWhat Is This?

4.TRAILHEAD PROFILE PUBLIC URL

Team lead	:	R. Priyanka – H- https://trailblazer.me/id/priyr66
Team Member 1	:	T. Arun – https://trailblazer.me/id/aru03
Team Member 2	:	G. Monisha – https://trailblazer.me/id/monig28
Team Member 3	:	D. Jeevitha – https://trailblazer.me/id/jeevi14

Advantages:

- ❖ Accessing of vehicle documents becomes easy and timesaving.
- ❖ Renewal of statutory documents on timely manner avoids any legal confrontation.
- ❖ No duplication ensures accuracy of vehicle data.

Disadvantages:

- ❖ They're expensive to buy, maintain and insure.
- ❖ They emit air pollution that can harm your health.
- ❖ They contribute to global warming and climate change.

5. APPLICATIONS

- ❖ Complete database of customers.
- ❖ SMS alerts for service reminder.
- ❖ Promote Service Center.
- ❖ Maintain Service records.
- ❖ Customize the report according to business requirements.
- ❖ Develop operational expenditure model.

6. CONCLUSION

Integrating database technologies in vehicle management systems is considered controversial by many. The general conception of database systems is that they are highly resource demanding both with respect to memory consumption and computational overhead.

7.FUTURE SCOPE

This project is a very scope in future. To assist in the tracking of vehicles operation and the planning of maintenance