

# **VEHICLE MANAGEMENT SYSTEM**



# PROJECT REPORT TEMPLATE

## 1.INTRODUCTION

### 1.1 OVERVIEW:

This system Vehicle Services allows providing vehicle for service. If customer got any problem with his vehicle based on



guarantee card they are providing services. Vehicle management system is software which is helpful for bus operators, who want to operate many bus trips in a day.

## 1.2 PURPOSE:

- ❖ Asset Management
- ❖ Fuel Management
- ❖ Route Management
- ❖ Vehicle Maintenance Updates
- ❖ Accident Prevention

## 2. PROBLEM DEFINITION & DESIGN THINKING:

### 2.1 EMPATHY MAP:



## EMPATHY MAP

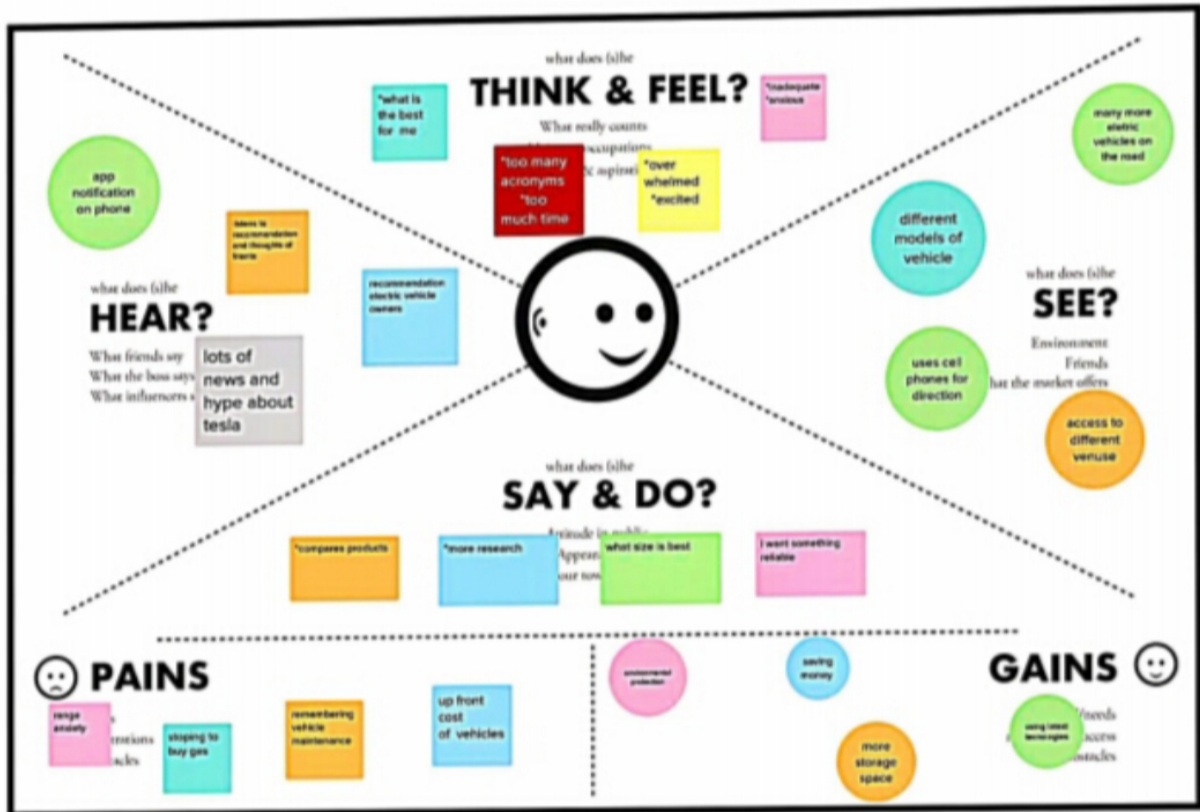
Identifying stakeholder behaviour



Project name: \_\_\_\_\_  
 Assigned to: \_\_\_\_\_

Version: \_\_\_\_\_  
 Assigned to: \_\_\_\_\_

Date: \_\_\_\_\_  
 Status: \_\_\_\_\_



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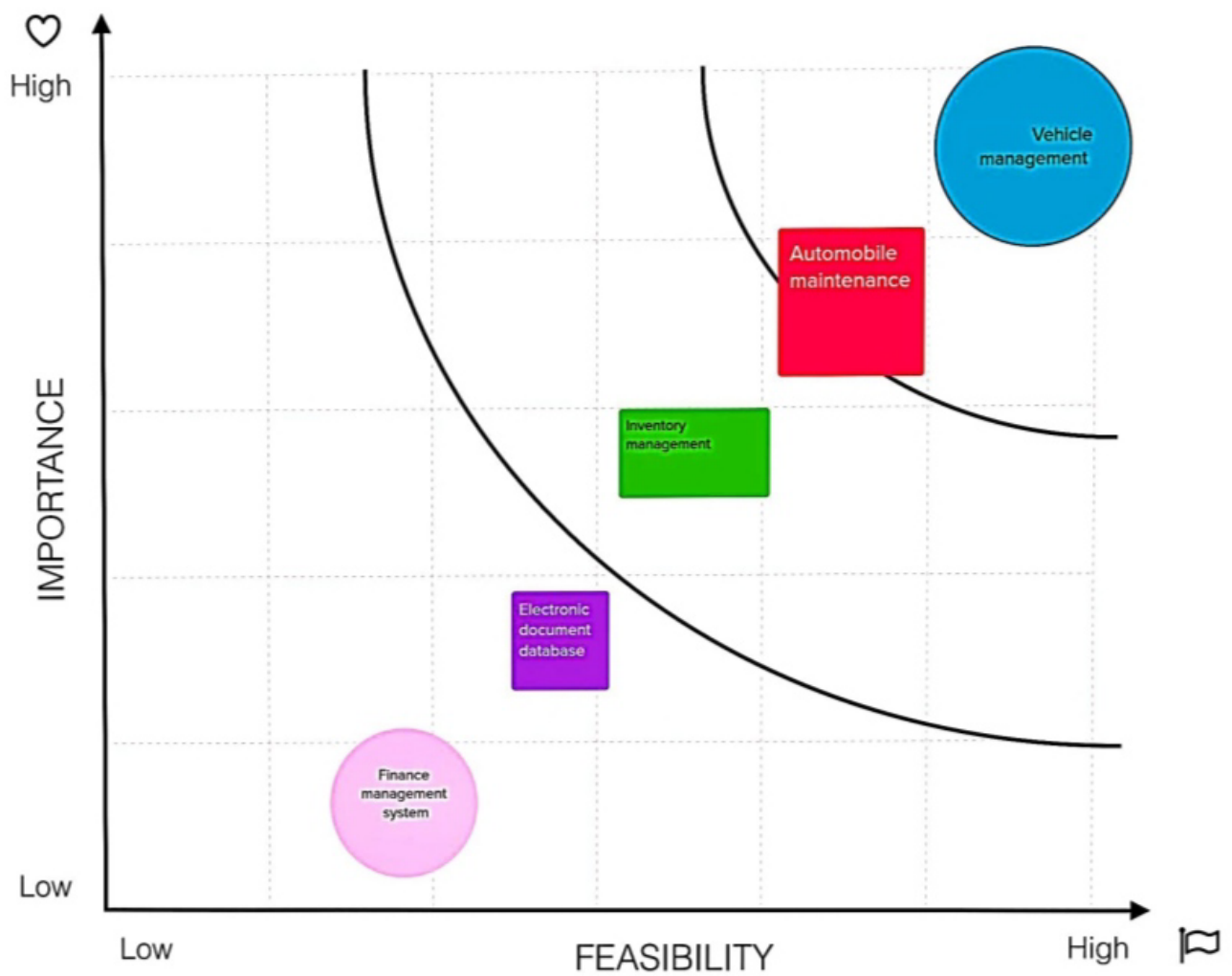
version 20180621  
 Source: adapted from SPLANE

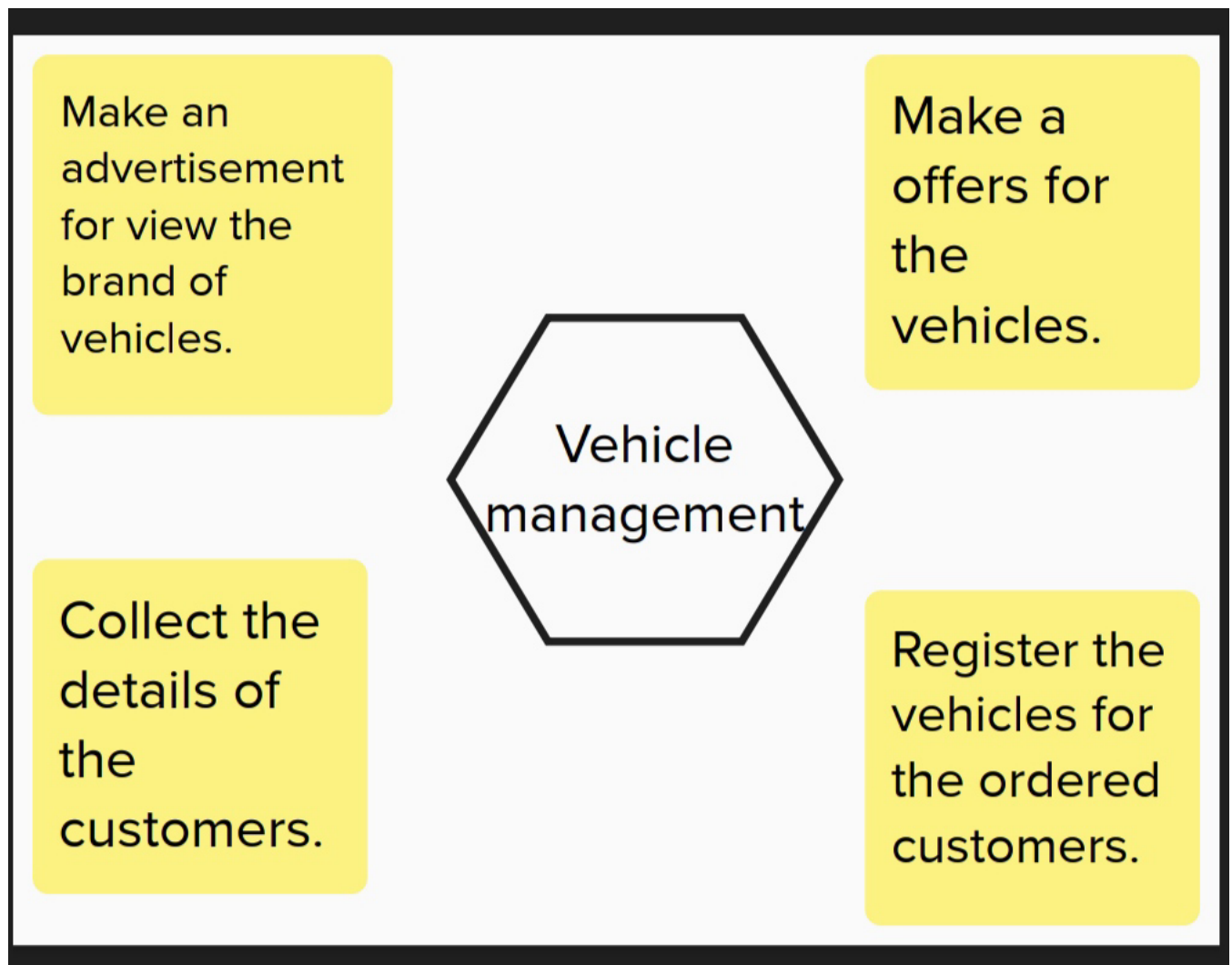
## 2.2 IDEATION & BRAINSTORMING MAP:



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## Idea Prioritization





### 3. RESULT:

#### 3.1 DATA MODEL:



Object name	Field Label	Data Type
Object 1: Vehicle	Customer name	Text
	Customer mobile number	Number
Object 2: Driver	Driver name	Text
	Licence number	Text



## 3.2 ACTIVITY & SCREENSHOT:

The screenshot shows the Salesforce Object Manager interface for the 'vehicle' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the 'vehicle' object, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: 2WHEELERS, 4WHEELERS, Body Type, Chassis no, Colour, Condition, Created By, Customer Mobile No, and Customer name.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2WHEELERS	X2WHEELERS__c	Picklist		
4WHEELERS	X4WHEELERS__c	Picklist		
Body Type	Body_Type__c	Text(30)		
Chassis no	Chassis_no__c	Text(30)		
Colour	Colour__c	Text(30)		
Condition	Condition__c	Picklist		
Created By	CreatedById	Lookup(User)		
Customer Mobile No	Customer_Mobile_No__c	Number(18, 0)		
Customer name	Customer_name__c	Text(30)		

The screenshot shows the Salesforce Object Manager interface for the 'driver' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the 'driver' object, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Created By, Driver Name, driver Name, Fair Per Hour, Last Modified By, Licence No, Mobile No, Owner, and vehicle.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Driver Name	Driver_Name__c	Text(30)		
driver Name	Name	Text(80)		✓
Fair Per Hour	Fair_Per_Hour__c	Text(30)		
Last Modified By	LastModifiedById	Lookup(User)		
Licence No	Licence_No__c	Text(30)		
Mobile No	Mobile_No__c	Number(18, 0)		
Owner	OwnerId	Lookup(User.Group)		✓
vehicle	vehicle__c	Lookup(vehicle)		✓



## 4. TRAILHEAD PROFILE PUBLIC URL:

Team Lead - <https://trailblazer.me/id/roopi123>

Team Member 1- <https://trailblazer.me/id/priym52>

Team Member 2- <https://trailblazer.me/id/srikanth373>

Team Member 3- <https://trailblazer.me/id/sivat70>

## 5. ADVANTAGES & DISADVANTAGE:

### ADVANTAGES:

- Good for long drives.
- Personal vehicle meaning it's to you where and when you want to go.
- Good for rainy days.



- Maintenances is cheaper when compared to a car.

## **DISADVANTAGES:**

- Not good for rainy days.
- Chances of death are higher.
- If some part gets broken it can lead to an accident.
- Parking is costly and is quite difficult to find a good spot.
- Regular maintenance.

## **6.APPLICATIONS:**

This application has rich user



interface so that notice user can easily. This application provides the management reports like occupancy report. Approval status to track the usage of company's transport facility as well as cab facility.

## 7.CONCLUSION:

Our project is only a humble venture to satisfy the needs to manage their project work. Several users friendly coding have been adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to be provide a frame work that enables the manager 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:**

- Better book keeping.
- Space conservation.
- Easily extendible to more levels with few modifications.
- Sophistication.
- Un parking mechanism.
- Functionality add on.



**THANK YOU**



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