Project Report Template

1 INTRODUCTION

1.1 Overview
Project Description

The Project aim is to provide real-time knowledge for all the students Who have basic knowledge of Salesforce and looking for a real-time Project. This project will also help to those professionals who are in Cross-technology and wanted to switch to Salesforce with the help of this Project they will gain knowledge and can include into their resume as well.

1.2 Purpose
A vehicle management system using Salesforce is a solution that enables organizations to manage and optimize their fleet operations using the Salesforce platform. The system provides a centralized database that allows organizations to track and manage their vehicles, drivers, and related activities, such as maintenance, inspections, and fuel consumption. The purpose of a vehicle management system using Salesforce includes:

Streamlining operations: A vehicle management system can help organizations streamline their fleet operations by automating routine tasks, such as scheduling maintenance, assigning drivers, and tracking fuel consumption. This can reduce the administrative burden on staff and increase efficiency.

2   Problem Definition & Design Thinking
2.1 Empathy Map

Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.
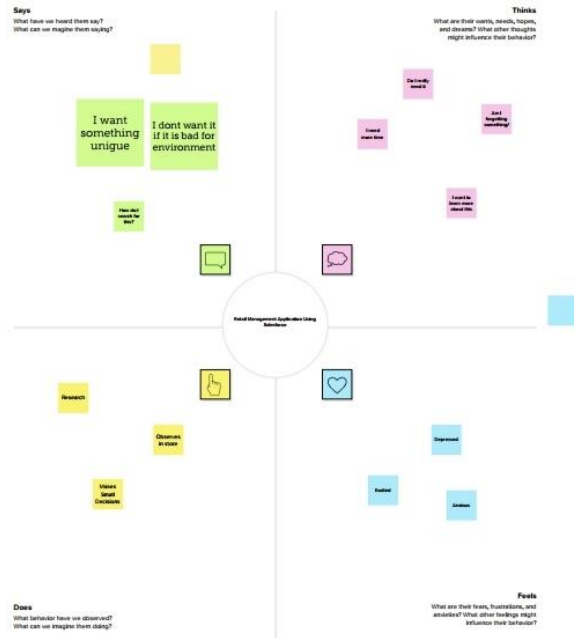
Build empathy

The information you add here should be representative of the observations and research you've done about your users.

Says
What have we heard them say?
What can we imagine them saying?

Thinks
What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

I want something unique

I dont want it if it is bad for environment

Does
What behavior have we observed?
What can we imagine them doing?

Feels
What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

Research

Observes in store

2.2 <u>Ideation & Brainstorming Map</u>

Object Name	Fields in the Object	
Obj 1		
	Field Label	Data Type
Obj 2		
	Field Label	Data Type

3 Result

3.1 Data Model

3.2 Activity and Screenshot

Trailhead Profile Public URL

Team Lead   https://trailblazer.me/id/sowms36
Team member 1 https://trailblazer.me/id/ssangari4
Team member 2 https://trailblazer.me/id/sathyas57
Team member 3 https://trailblazer.me/id/santr56

5 Advantages and Disadvantages

Advantages;

Centralized data management: A Salesforce-based vehicle management system can help businesses centralize all their data related to vehicles, including vehicle information, maintenance records, service history, and driver information. This centralized data can be easily accessed by authorized users across the organization, enabling them to make informed decisions.

Streamlined operations: A vehicle management system built on Salesforce can help businesses streamline their vehicle-related operations, including fleet maintenance, route planning, and vehicle scheduling. This can help businesses optimize their resources, reduce downtime, and improve efficiency.

Improved communication: With a vehicle management system built on Salesforce, businesses can improve communication between different departments involved in vehicle management, including fleet managers, maintenance teams, and drivers. This can help ensure that everyone is on the same page and working towards a common goal.

Better visibility and reporting: A Salesforce-based vehicle management system can provide businesses with real-time visibility into their vehicle operations, enabling them to track vehicle usage, maintenance costs, and fuel expenses. This data can be used to generate reports that provide insights into key performance indicators, enabling businesses to make data-driven decisions.

Scalability and flexibility: A vehicle management system built on Salesforce is highly scalable and flexible, enabling businesses to add new features and functionality as their needs evolve. This can help businesses future-proof their operations and ensure that they can adapt to changing market conditions.
1.High Marketing Cost

   Retailers should make investment in decoration of shop and display of goods to attract more customers. So, it requires more marketing or advertising cost than wholesalers.

Disadvantage:

   While there are many advantages to using a vehicle management system built on Salesforce, there are also some potential disadvantages to consider:

Cost: Implementing a Salesforce-based vehicle management system can be expensive, particularly for small businesses with limited budgets. In addition to the upfront costs of implementation, there may be ongoing maintenance and support costs to consider.

Complexity: Salesforce is a complex platform, and building a vehicle management system on top of it requires specialized expertise. Businesses may need to hire external consultants or developers to help them design and implement their system, which can add to the overall complexity and cost of the project.

User Adoption: As with any new technology, user adoption can be a challenge with a vehicle management system built on Salesforce. Employees may be resistant to change or unfamiliar with the platform, which can impact the effectiveness of the system.

Integration: Integrating a Salesforce-based vehicle management system with other existing systems, such as ERP or accounting software, can be a complex process. This can result in data silos, which can impact the overall effectiveness of the system.

Customization: While Salesforce is a highly customizable platform, it can also be time-consuming and expensive to customize. Businesses may need to hire developers to customize their system to meet their specific needs, which can add to the overall cost of the project.

6 APPLICATIONS

Application:

There are several applications of a vehicle management system using Salesforce, and these systems can be used by a wide range of businesses and organizations. Here are some examples:

Logistics and transportation companies: Logistics and transportation companies can use a Salesforce-based vehicle management system to optimize their vehicle operations, track shipments, and monitor driver performance. This can help these companies reduce costs, improve efficiency, and ensure that shipments are delivered on time.

Construction and engineering firms: Construction and engineering firms can use a vehicle management system built on Salesforce to manage their fleets of vehicles and equipment, track maintenance schedules, and ensure that all vehicles and equipment are in compliance with safety regulations.

Government agencies: Government agencies that manage fleets of vehicles, such as police departments or public works departments, can use a Salesforce-based vehicle management system to optimize their operations, track maintenance and service schedules, and ensure that all vehicles are in compliance with safety regulations.

Conclusion:

In conclusion, a vehicle management system built on Salesforce can offer several benefits to businesses, including centralized data management, streamlined operations, improved communication, better visibility and reporting, and scalability and flexibility. However, there are also potential drawbacks to consider, such as cost, complexity, user adoption, integration, and customization.

Ultimately, the decision to implement a Salesforce-based vehicle management system will depend on the unique needs and goals of the business. It is important to carefully evaluate the potential benefits and drawbacks, and to work with experienced consultants or developers to design and implement a system that meets the business's specific needs and aligns with its overall strategy and budget. With the right planning and implementation, a vehicle management system built on Salesforce can help businesses optimize their vehicle-related operations, reduce costs, and improve customer satisfaction.

Future scope:

The future scope of vehicle management systems using Salesforce is significant, and there are several trends and developments that are likely to shape the evolution of these systems in the coming years.

Increased use of artificial intelligence (AI): With the increasing use of AI and machine learning in various industries, it is likely that vehicle management systems will also incorporate these technologies in the future. AI can help businesses optimize their vehicle operations, predict maintenance needs, and improve efficiency.

Integration with IoT devices: The Internet of Things (IoT) is rapidly expanding, and vehicle management systems are likely to integrate with IoT devices to provide real-time data on vehicle performance, driver behavior, and other key metrics. This can help businesses make informed decisions and optimize their operations.

Greater emphasis on sustainability: As sustainability becomes a key focus for businesses across all industries, vehicle management systems are likely to incorporate features that help businesses reduce their environmental impact, such as optimizing routes to reduce fuel consumption and emissions.

Enhanced mobile capabilities: With the increasing use of mobile devices in the workplace, it is likely that vehicle management systems will also incorporate mobile capabilities, enabling employees to access data and perform tasks from their mobile devices.

Continued innovation and development: Salesforce is a rapidly evolving platform, and as new features and functionality are added, vehicle management systems built on Salesforce will also evolve to take advantage of these new capabilities.