

# VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

## INTRODUCTION:

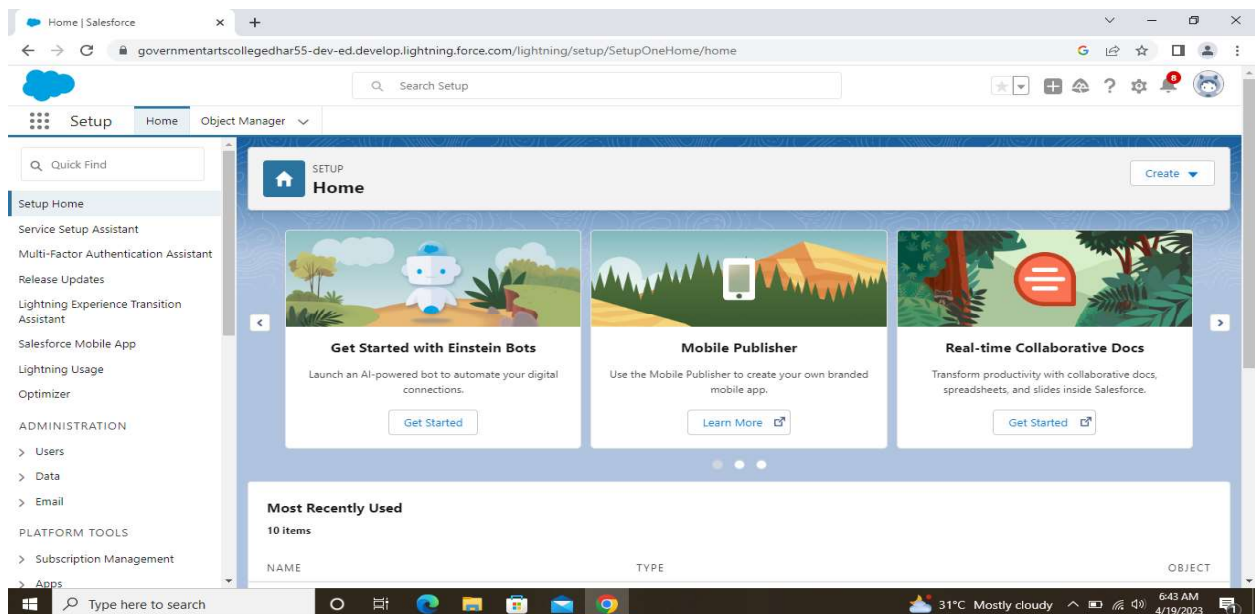
**Overview:** The automotive cloud data provides a set of objects and fields that you can use to store and manage information about vehicles, parts, and accessories.

**Purpose:** A vehicle 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.

## MILESTONE:1 Creation Sales Org:

## ACTIVITY:1

### Creating Developer Account:



## MILESTONE:2 Object:

### ACTIVITY:1

#### To Creating An Vehicle:

Home | Salesforce x New Custom Object | Salesforce x +

governmentartscollegedhar55-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/new

Search Setup

Setup Home Object Manager

**SETUP**  
**New Custom Object**

**New Custom Object** [Help for this Page](#)

Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)

**Custom Object Definition Edit** [Save](#) [Save & New](#) [Cancel](#)

**Custom Object Information** Required Information

The singular and plural labels are used in tabs, page layouts, and reports.

Label  Example: Account

Plural Label  Example: Accounts

Starts with vowel sound ☐

The Object Name is used when referencing the object via the API.

Object Name  Example: Account

Description

Context-Sensitive Help Setting [Open the standard Salesforce.com Help & Training window](#)

Type here to search

31°C Mostly cloudy 6:51 AM 4/19/2023

Home | Salesforce | New Custom Object | Salesforce

governmentartscollegedhar55-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/new

Setup Home Object Manager

### SETUP New Custom Object

**Enter Record Name Label and Format**

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name:  Example: Account Name

Data Type:

**Optional Features**

- ☐ Allow Reports
- ☐ Allow Activities
- ☐ Track Field History
- ☐ Allow in Chatter Groups
- ☐ Enable Licensing

**Object Classification**

When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. [Learn more.](#)

- ☒ Allow Sharing
- ☒ Allow Bulk API Access
- ☒ Allow Streaming API Access

**Deployment Status**

☐ In Development ☒ Deployed [What is this?](#)

## ACTIVITY:2

### To Create An Drivers Objects:

Home | Salesforce | New Custom Object | Salesforce

governmentartscollegedhar55-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/new

Setup Home Object Manager

### SETUP New Custom Object

**New Custom Object**

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**Custom Object Definition Edit** Save Save & New Cancel

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The singular and plural labels are used in tabs, page layouts, and reports.

Label:  Example: Account

Plural Label:  Example: Accounts

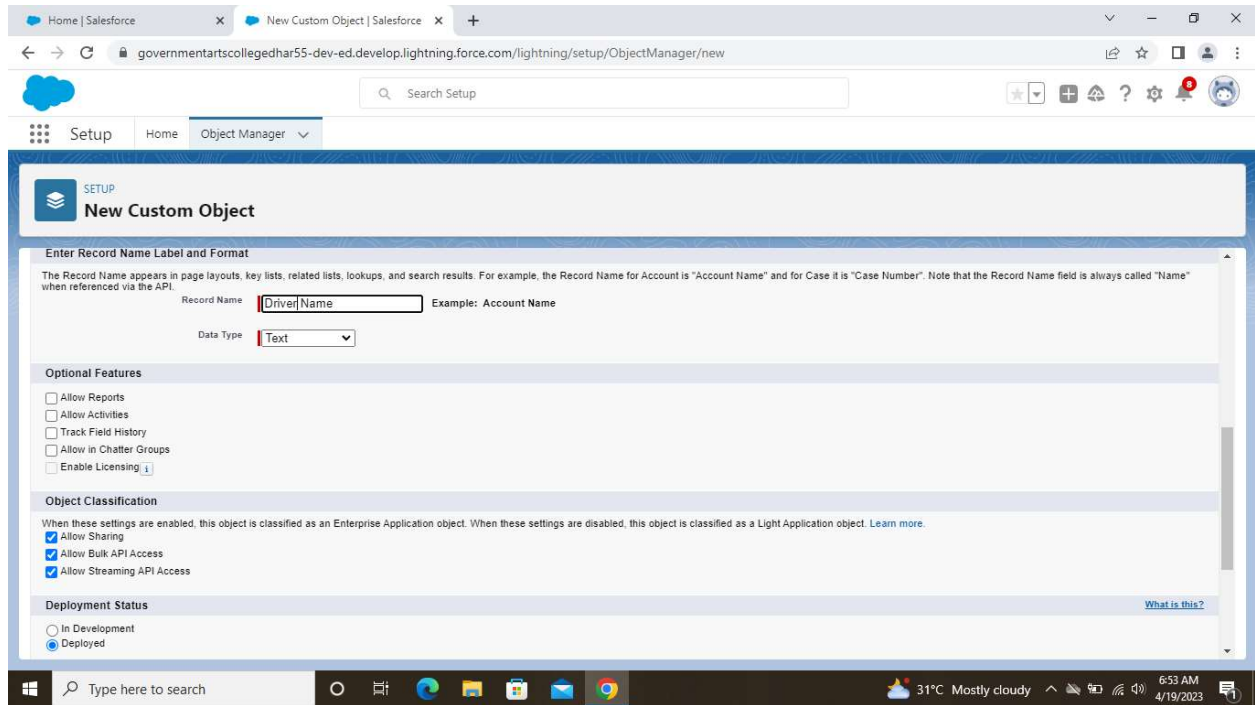
Starts with vowel sound: ☐

The Object Name is used when referencing the object via the API.

Object Name:  Example: Account

Description:

Context-Sensitive Help Setting [Open the standard Salesforce.com Help & Training window](#)



## MILESTONE:3 Fields and Relationship:

### ACTIVITY:1

#### To Create Vehicle Fields:

S.No	Field Names	Data Types
1	Customer Name	Text
2	Customer mobile no	Number
3	Vehicle type 1. 2wheeler 2. 4wheeler	Pick list
4	2wheelers Hero Honda Bajaj Royal Enfield	Pick list

	TVs Kinetic Ola Jawa SD Batter	
5	4wheelers Renalut Skoda Honda Suzuki Mahindra Volkswagen Benz Audi Volvo	Pick list
6	Vechile name	Text
7	Vechile no	Text
8	Chassis no	Text
9	Colour	Text
10	Body type	Text
11	Vechile includes Fire extenuation First aid kit Multi charger kit Stepney Stereo Tool kit Tracking device Tyre jack	
12	Condition  Good Medium Least	Pick list
13	Mileage	Text
14	Seats	Number
15	Start date	Date/time
16	End date	Date/time
17	Opportunity	Lookup(opportunities)

## ACTIVITY:2

### To Create Driver Fileds:

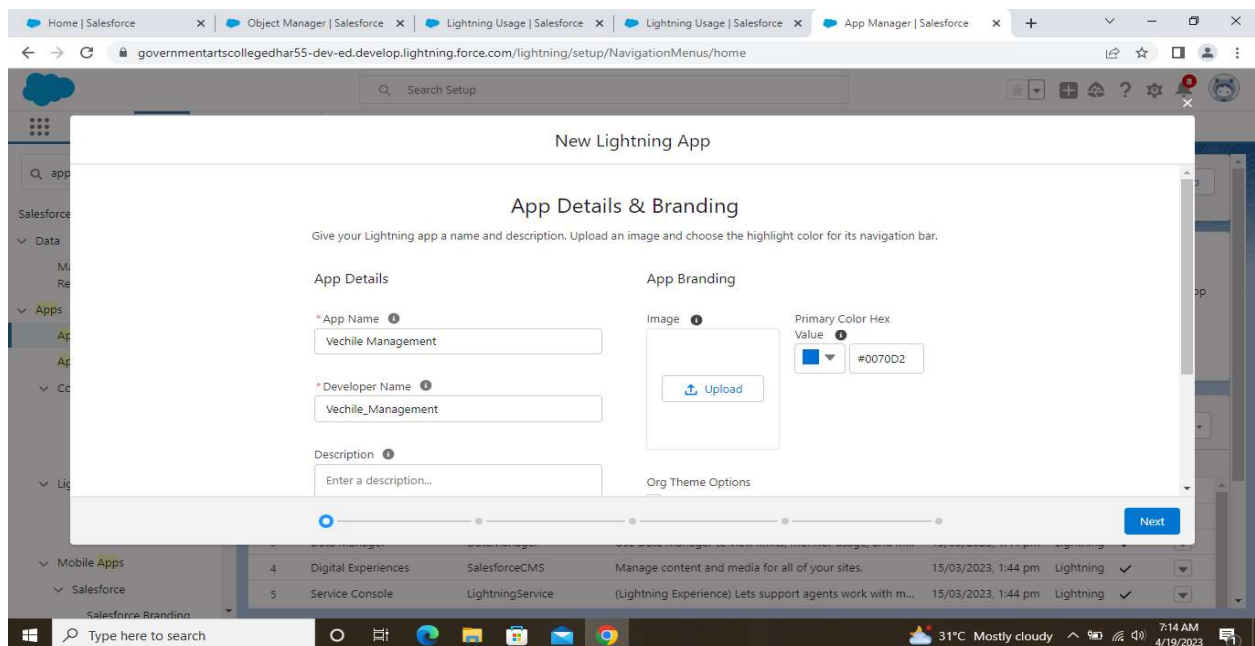
1	Driver Name	Text
2	License Name	Text
3	Mobile No	Number
4	Fair per hour	Text
5	Vechile	Lookup(vechile)

## MILESTONE:4

### Lightning App:

## ACTIVITY:1

### Create The Vechile Management:



## MILESTONE:5

### Profiles

## ACTIVITY:1

### Creating A Profiles:

The screenshot shows the Salesforce Setup interface for Profiles. The browser tabs include Home | Salesforce, Object Manager | Sale..., Lightning Usage | Sale..., App Manager | Salesf..., and Profiles | Salesforce. The URL is <https://governmentartscollegedhar55-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home>. The left sidebar shows the Setup menu with Home and Object Manager options. The main content area is titled "Profiles" and includes a search bar, a "New Profile" button, and a table of existing profiles.

Action	Profile Name	User License	Custom
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Analytics Cloud Integration User</a>	Analytics Cloud Integration User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Analytics Cloud Security User</a>	Analytics Cloud Integration User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Authenticated Website</a>	Authenticated Website	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Authenticated Website</a>	Authenticated Website	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter External User</a>	Chatter External	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter Free User</a>	Chatter Free	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Chatter Moderator User</a>	Chatter Free	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Contract Manager</a>	Salesforce	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Clone</a>	<a href="#">Cross Org Data Proxy User</a>	XOrg Proxy User	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   ...	<a href="#">Custom: Marketing Profile</a>	Salesforce	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   ...	<a href="#">Custom: Sales Profile</a>	Salesforce	<input checked="" type="checkbox"/>

Page 1 of 2

## ACTIVITY:2

### Setup Roles:

The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar contains a search bar and a navigation menu with 'Users' and 'Roles' highlighted. The main content area is titled 'Understanding Roles' and includes a 'Sample Role Hierarchy' diagram. The diagram shows a hierarchy starting with 'Executive Staff' (CEO, President, CFO, VP, Sales) at the top, branching into 'Western Sales Director', 'Eastern Sales Director', and 'International Sales Director'. Each director role has associated sales representative roles (e.g., CA Sales Rep, NY Sales Rep, Asian Sales Rep). To the right of the diagram, there are three columns of permissions and restrictions for each role level, such as 'View & edit data, roll up forecasts, & generate reports for all users below' and 'Can't access data of other Executive Staff'.

MILESTONE:6 Users:

ACTIVITY:1

Creating users:

The screenshot shows the Salesforce Setup interface for the 'Manage Users' section. The left sidebar contains a search bar and a navigation menu with 'Users' highlighted. The main content area is titled 'All Users' and includes a table listing users. The table has columns for 'Action', 'Full Name', 'Alias', 'Username', 'Role', 'Active', and 'Profile'. The users listed are: Chatter Expert, k\_Kajiamuthan, k\_Karunamoorthy, k\_Visuvanathan, User Integration, User Security, and V\_Gokul. The 'Active' column shows checkmarks for all users, and the 'Profile' column shows various roles like 'Chatter Free User', 'Vehicle Manager', 'System Administrator', 'Standard Platform User', 'Analytics Cloud Integration User', and 'Analytics Cloud Security User'.



# MILESTONE:7 Reports and Dashboards

## ACTIVITY:1

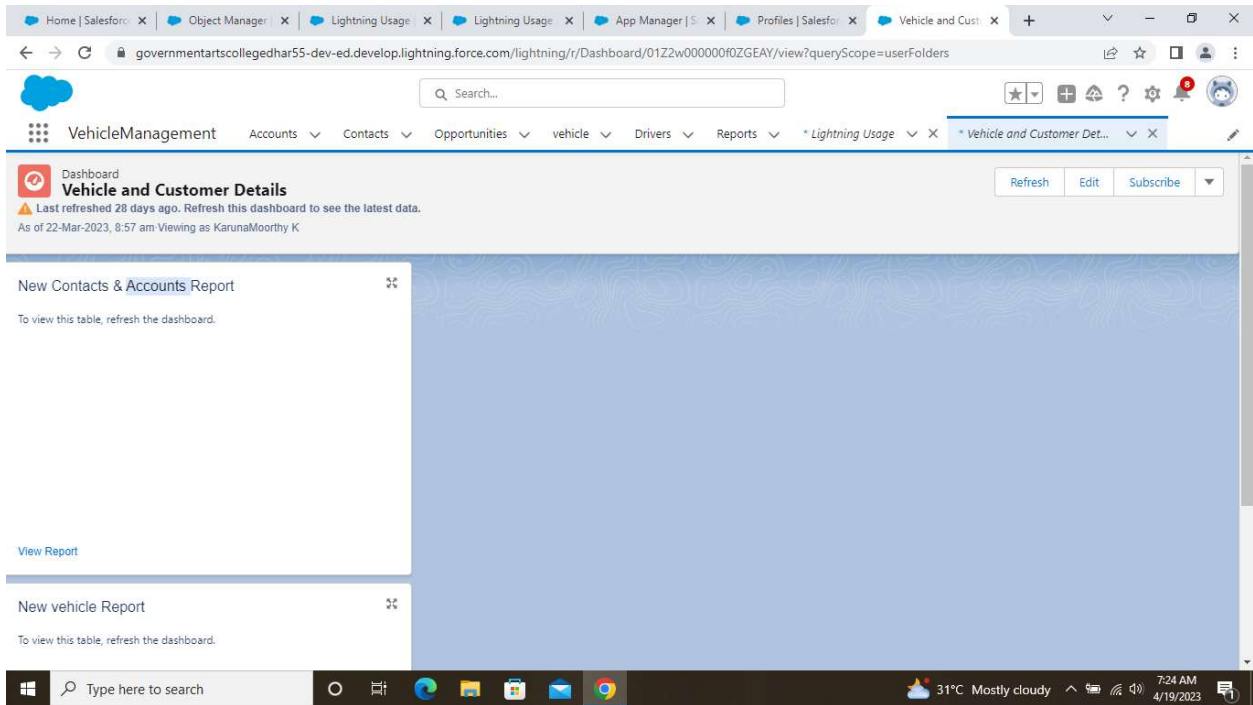
### Reports:

The screenshot shows a Salesforce Lightning interface with a report titled "New Contacts & Accounts Report". The report displays a table of 20 records. The table columns are: Salutation, First Name, Last Name, Title, Account Name, Mailing Street, and Mailing City. The data is as follows:

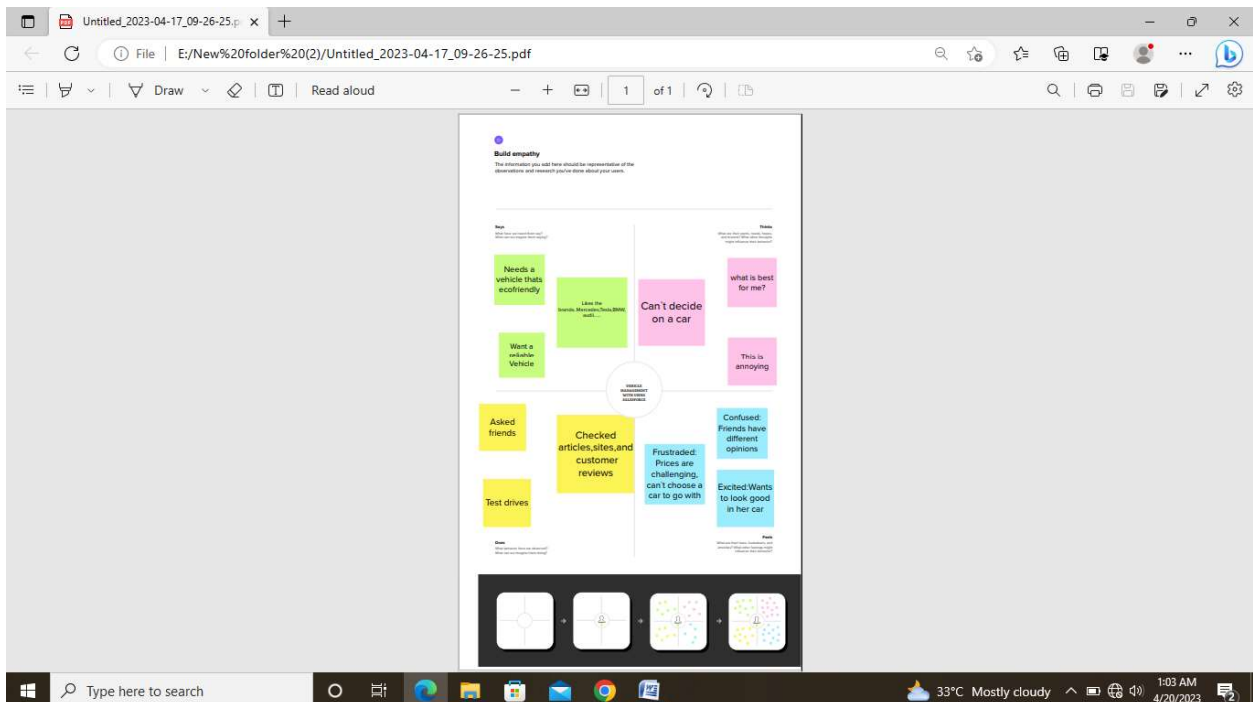
	Salutation	First Name	Last Name	Title	Account Name	Mailing Street	Mailing City
1	Ms.	Siddhartha	Nedaerk	-	sForce	The Landmark @ One Market	San Francisco
2	Mr.	Jake	Llorrac	-	sForce	The Landmark @ One Market	San Francisco
3	Ms.	Stella	Pavlova	SVP, Production	United Oil & Gas Corp.	1303 Avenue of the Americas  New York, NY 10019 USA	-
4	Ms.	Lauren	Boyle	SVP, Technology	United Oil & Gas Corp.	1304 Avenue of the Americas  New York, NY 10019 USA	-
5	Mr.	Arthur	Song	CEO	United Oil & Gas Corp.	1301 Avenue of the Americas  New York, NY 10019 USA	-
6	Mr.	Avi	Green	CFO	United Oil & Gas Corp.	1302 Avenue of the Americas  New York, NY 10019 USA	-
7	Ms.	Jane	Grey	Dean of Administration	University of Arizona	888 N Euclid  Hallis Center, Room 501 Tucson, AZ 85721 United States	-
8	Ms.	Babara	Levy	SVP, Operations	Express Logistics and Transport	620 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	-
9	Mr.	Josh	Davis	Director, Warehouse Mgmt	Express Logistics and Transport	621 SW 5th Avenue Suite 400 Portland, Oregon 97204 United States	-
10	Mr.	Tim	Barr	SVP, Administration and Finance	Grand Hotels & Resorts Ltd	2335 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	-
11	Mr.	John	Bond	VP, Facilities	Grand Hotels & Resorts Ltd	2334 N. Michigan Avenue, Suite 1500 Chicago, IL 60601, USA	-
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## ACTIVITY:2

### Dashboards:



## Empathy Map:



**Trail head:**

**Team Lead:** <https://trailblazer.me/id/kamuthank>

**Team Member 1:** <https://trailblazer.me/id/kmoorthy24>

**Team Member 2:** <https://trailblazer.me/id/viswanathan123>

**Team Member 3:** <https://trailblazer.me/id/gokuv19>

### **ADVANTAGES:**

- 1.You can also reduce operating expenses by optimizing your driver's routes .
- 2.Leadng to reduced fuel use and overtime cost.
- 3.Fleet managers can change routes in real –time so that their drivers can avoid traffic.
- 4.Construction and accidents saving time and reducing downtime.

### **DISADVANTAGES:**

1. Fleets throughout the service industries continue As to implement GPS tracking.
2. The disadvantages to businesses that continue to manage.
3. Whoever is starting a fleet business wants to know everything about this business before he takes off.

4. And one of the primary questions that lay in front of him is what are the advantage and disadvantage of fleet management.

## **PROJECT REPORT TEMPLATE:**

### **APPLICATIONS:**

We provide vehicle management software systems development to make vehicle. Real –time tracking and control easier for small and large businesses.

### **CONCLUSION :**

Introduction of vehicle management system, abstract of vehicle management system.

### **FUTURE SCOPE:**

Software requirements of vehicle management system conclusion of vehicle management system.