



GOVERNMENT OF TAMILNADU

Naan Muthalvan - Project-Based Experiential Learning

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

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TEAM ID : NM2023TMID19314

Under the guidance of

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Guest Lecturer

PG AND RESEARCH DEPARTMENT OF MATHEMATICS

[Type here]



M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN

Affiliated To Mother Teresa Women's University, Kodaikanal)

Reaccredited with "A" Grade by NAAC

DINDIGUL-624001.

APRIL - 2023

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(AFFILIATED TO MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL)

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BONAFIDE CERTIFICATE

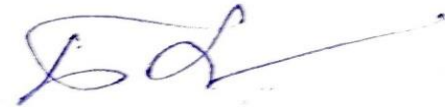
This is to certify that this is a bonafide record of the project entitled, **"VEHICLE MANAGEMENT SYSTEM USING SALESFORCE"** done by **Ms.S KEERTHANA (20321TR013), Ms.A INUL INAYA (20321TR010), Ms.B JEEVITHA (20321TR011) and Ms.M KALAI SELVI (20321TR012)**. This is submitted in partial fulfillment for the award of the degree of **Bachelor of Science in**

[Type here]

Mathematics in M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN, DINDIGUL during the period of December 2022 to April 2023.



Project Mentor(s)



Head of the Department

Submitted for viva-voce Examination held on _____

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

INTRODUCTION:

Welcome to Salesforce! Salesforce is game-changing technology, with a host of productivity-boosting features, that will help you sell smarter and faster. Salesforce is your customer success platform, designed to help you sell, service, market, analyze, and connect with your customers. analyze, and connect with your customers. collaborate and engage with employees and partners, and store your data securely in the cloud.

1.1 Overview:

Vehicle management system have become increasingly, important over the world, due to both to demands for increasingly flexibility and capability. A vehicle management system is a powerful tool, which can be implemented to improve fleet efficiency. Its allows a business to quickly and clearly keep track of vehicle status and other important information. we define this system as “**onboard systems that manage a vehicle’s internal capabilities to accomplish the mission goals**”.

The vehicle management software fully customizable to suit the needs of your business. Its allows you to access the information from anywhere in the world at any given time, as long as you have internet access.

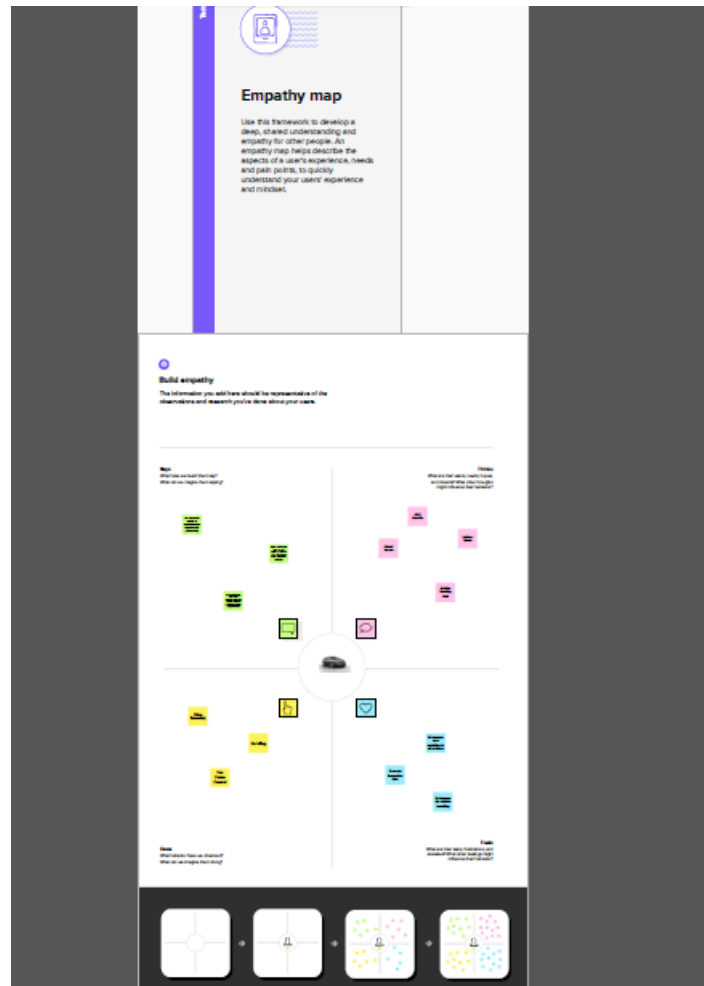
1.2 Purpose:

- Improve **fleet safety** and working conditions.
- Improve the behaviour and performance of drivers and beat **unsafe driving.**
- Schedule shifts and work hours.
- Leverage **driver retention.**
- Schedule routine maintenance.
- Manage **fuel efficiency.**

2.purpose definition &design thinking:

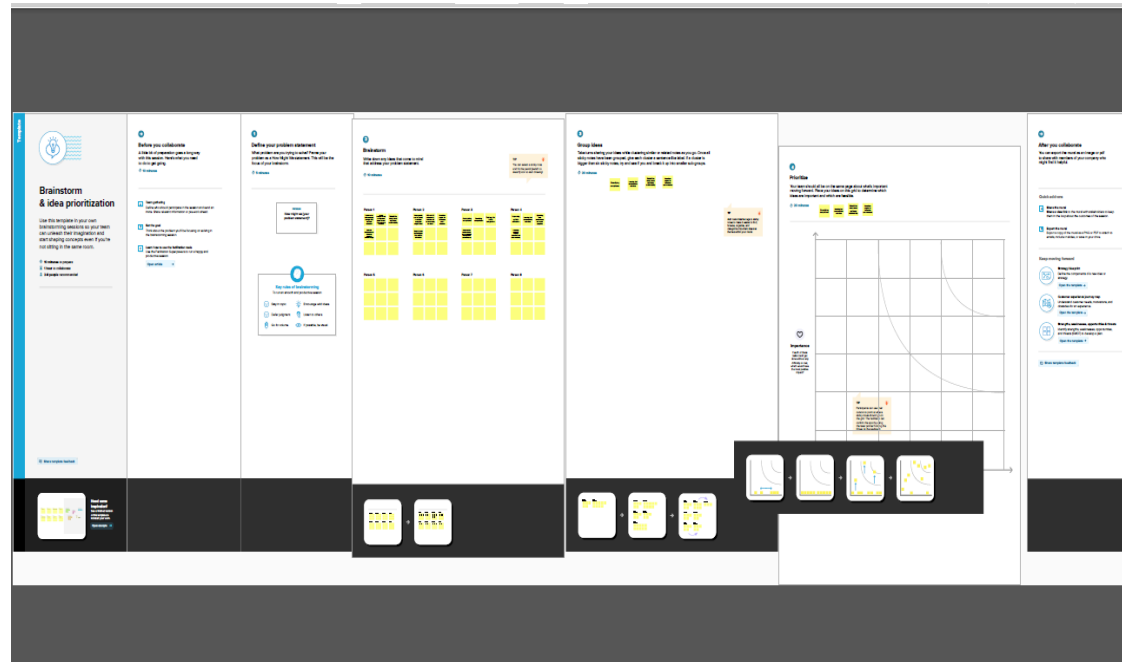
2.1 Empathy Map:

[Type here]



2.2 Ideation & Brainstorming Map:

[Type here]



3 Result:

3.1 Data model:

Object Name	Fields in the object
-------------	----------------------

[Type here]

Vehicle														
	<table><tr><th>Field label</th><th>Data Type</th></tr><tr><td>Customer name</td><td>text</td></tr><tr><td>Customer mobile no</td><td>number</td></tr><tr><td>Vehicle type 1. 2wheeler 2. 4wheeler</td><td>picklist</td></tr><tr><td>2wheelers 1. HERO 2. HONDA 3. BAJAJ 4. ROYAL ENFIELD 5. TVS 6. KINETIC 7. OLA 8. JAWA 9. SD 10. BATTERY</td><td>Picklist</td></tr><tr><td>4wheelers 1. RENAULT 2. SKODA 3. HONDA 4. HYUNDAI 5. SUZUKI 6. MAHINDRA</td><td>Picklist</td></tr></table>	Field label	Data Type	Customer name	text	Customer mobile no	number	Vehicle type 1. 2wheeler 2. 4wheeler	picklist	2wheelers 1. HERO 2. HONDA 3. BAJAJ 4. ROYAL ENFIELD 5. TVS 6. KINETIC 7. OLA 8. JAWA 9. SD 10. BATTERY	Picklist	4wheelers 1. RENAULT 2. SKODA 3. HONDA 4. HYUNDAI 5. SUZUKI 6. MAHINDRA	Picklist	
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4wheelers 1. RENAULT 2. SKODA 3. HONDA 4. HYUNDAI 5. SUZUKI 6. MAHINDRA	Picklist													

[Type here]

	7. VOLKSWAGEN 8. BENZ 9. AUDI 10. VOLVO	
	Vehicle name	text
	Vehicle no	text
	Chassic no	text
	colour	text
	Body type	text
	Vehicle includes 1. Fire extenuation 2. First aid kit 3. Multi charger kit 4. Stepney 5. Stereo 6. Tool kit 7. Tracking device 8. Tyre jack	Multi picklist
	Condition 1. Good 2. Medium 3. Least	Picklist
	Mileage	Text
	Seats	Number
	Start date	Date/time

[Type here]

	End date	Date/time
	Opportunity	Lookup(opportunity)
Driver		
	Field label	Data Type
	Driver name	text
	Licence no	text
	Mobile no	number
	Fair per hour	text
	vehicle	Lookup(vehicle)

3.2 Activity& Screenshot:

Activity 1:

Creating Developer Account

Creating a developer org in salesforce.

1. Go to developers.salesforce.com/
2. Click on sign up.
3. On the sign up form, enter the following details :
 - a. First name & Last name
 - a. Email
 - b. Role : Developer
 - c. Company : College Name

[Type here]

d. County : India

e. Postal Code : pin code

f. Username : should be a combination of your name and company

This need not be an actual email id, you can give anything in the format :

username@organization.com

Build enterprise-quality apps fast to bring your ideas to life

- Build apps fast with drag and drop tools
- Customize your data model with clicks
- Go further with Apex code
- Integrate with anything using powerful APIs
- Stay protected with enterprise-grade security
- Customize UI with clicks or any leading-edge web framework

Sign up for your Salesforce Developer Edition
A full-featured copy of the Platform, for free

Complete the form to start your free trial. Our team will be in touch to help you make the most of your trial.

First Name*
Your first name

Last Name*
Your last name

Email*
Your email address

Role*
Your job role

Company*
Company Name

Country/Region*
Select Country/Region

Postal Code*
Your postal code

Username*
jane@company.sandbox

Your username must be in the form of an email address (it does not have to be real). It must be unique and cannot be associated with another Salesforce login credential. [Read more about username recommendations.](#)

☐ I agree to the [Main Services Agreement](#) - [Developer Services and Salesforce Program Agreement](#).

By registering, you confirm that you agree to the processing of your personal data by Salesforce as described in the [Privacy Statement](#).

Sign me Up

Already have a Salesforce Developer Environment?

[Log in](#)

[Type here]

Login To Your Salesforce Account

- 1.Go to salesforce.com and click on login.
- 2.Enter the username and password that you just created.
- 3.After login this is the home page which you will see.

Salesforce Login

<https://login.salesforce.com>

[Type here]

Login with Salesforce

Don't have an account?
Signup for a Developer Edition

Browse by Topic

Apex Code Development
(89925)
General Development (54741)
Visualforce Development
(37153)
Lightning (17624)
APIs and Integration (16787)
Trailhead (11585)
Formulas & Validation Rules
Discussion (11181)
Other Salesforce Applications
(8014)
Jobs Board (6637)
Force.com Sites & Site.com
(4801)
Mobile (2669)

[View More Topics](#)

What would you like to know?

Show All Questions sorted by Date Posted

Loading...

Setup Home

Quick Find

Setup Home

- Service Setup Assistant
- Multi-Factor Authentication Assistant
- Release Updates
- Lightning Experience Transition Assistant
- Salesforce Mobile App
- Lightning Usage
- Optimizer

ADMINISTRATION


- Users
- Data
- Email

PLATFORM TOOLS

- Subscription Management
- Apps
- Feature Settings
- Stack
- MuleSoft
- Einstein
- Objects and Fields
- Events
- Process Automation
- User Interface
- Custom Code

SETUP Home


Create



Get Started with Einstein Bots

Launch an AI-powered bot to automate your digital connections.


Get Started



Mobile Publisher

Use the Mobile Publisher to create your own branded mobile app.

Learn More



Real-time Collaborative Docs

Transform productivity with collaborative docs, spreadsheets, and slides inside Salesforce.

Get Started

Most Recently Used

10 items

NAME	TYPE	OBJECT
Principal	User	
Parent	User	
Tea chers	User	
Parent Number	Custom Field Definition	Parent
Parent Address	Custom Field Definition	Parent

[Type here]

Milestone-2:Object

Salesforce objects are database tables that permit you to store data that is specific to an Organization; Salesforce objects are of two types:

Standard Objects: Standard objects are the

kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.

Standard Objects:Account,Contact,Opportunity.

Custom objects:Vehicles,Drivers

Activity 1:


To Create an object:

Creation of Objects for Vehicle Management, For this Vehicle Management we need to create 2 objects i.eVehicles,Driver.

The below steps will assist you in creating those objects.

- Click on the gear icon and then select Setup.
- Click on the object manager tab just beside the home tab.
- After the above steps, have a look on the extreme right you will find a Create Dropdown click on that and select Custom Object.
- Creation of Vehicle Object On the Custom Object Definition page, create the object as follows
- Label: Vehicle
- Plural Label: Vehicles
- Record Name: Vehicle Name
- Check the Allow Reports checkbox
- Check the Allow Search checkbox
- Click Save

[Type here]



SetupHomeObject Manager

Search Setup

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

List View Button Layout

Delegation Rules

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](#)

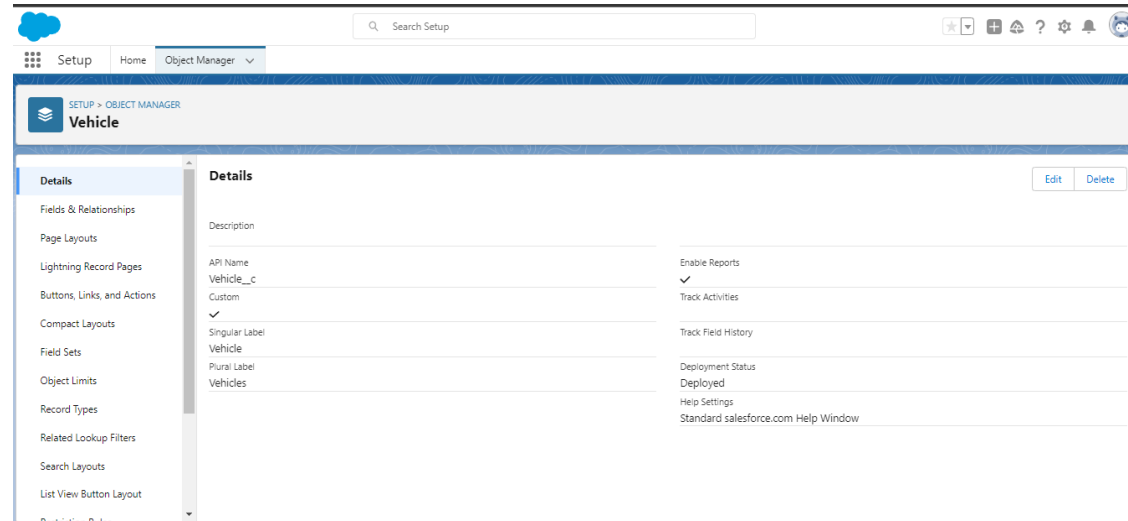
EditDelete

.

[Type here]

Milestone -3:Fields and Relationship

An object relationship in Salesforce is a two-way association between two objects. Relationships are created by creating custom relationship



fields on an object. This is done so

that when users view records, they can also see and access related data.

Activity-1:

Creation of fields:

Fields in Vehicles objects follow below data types:

[Type here]

Field label	Data Type
Customer name	text
Customer mobile no	number
Vehicle type 3. 2wheeler 4. 4wheeler	picklist
2wheelers 11. HERO 12. HONDA 13. BAJAJ 14. ROYAL ENFIELD 15. TVS 16. KINETIC 17. OLA 18. JAWA 19. SD 20. BATTERY	Picklist
4wheelers 11. RENAULT 12. SKODA 13. HONDA 14. HYUNDAI 15. SUZUKI 16. MAHINDRA 17. VOLKSWAGEN	Picklist

[Type here]


18. BENZ 19. AUDI 20. VOLVO	
Vehicle name	text
Vehicle no	text
Chassic no	text
Colour	text
Body type	text
Vehicle includes 9. Fire extenuation 10. First aid kit 11. Multi charger kit 12. Stepney 13. Stereo 14. Tool kit 15. Tracking device 16. Tyre jack	Multi picklist
Condition 4. Good 5. Medium 6. Least	Picklist
Mileage	Text
Seats	Number
Start date	Date/time

[Type here]








End date	Date/time
Opportunity	Lookup(opportunity)

\

[Type here]



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

Search Layouts

List View Button Layout

Restriction Rules

Fields & Relationships

21 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2WHEELERS	X2WHEELERS_c	Picklist	Vehicle Type	
4WHEELERS	X4WHEELERS_c	Picklist	Vehicle Type	
Body Type	Body_Type_c	Text(15)		
Chassic No	Chassic_No_c	Text(15)		
Colour	Colour_c	Text(10)		
Condition	Condition_c	Picklist		
Created By	CreatedById	Lookup(User)		
Customer Mobile No	Customer_Mobile_No_c	Number(10, 0)		

[Type here]

.

Activity:2

To create the driver object continue the same steps which is followed for the above object.

Field	Data type
Driver name	Text
Licence no	Text
Mobile no	Number
Fair per hour	Text
Vehicle	Lookup(vehicle)

[Type here]

The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled "Search Setup". Below it, the navigation menu includes "Setup", "Home", and "Object Manager". The "Object Manager" tab is selected, showing a list of objects. The "Vehicle" object is selected, and the "Fields & Relationships" section is expanded. This section displays a list of 21 items, sorted by field label. The list includes fields like Opportunity, Owner, seats, Start Date, Vehicle Includes, Vehicle name, Vehicle Name, Vehicle No, and Vehicle Type, each with its corresponding field type and a checkbox for "Field Dependencies".

Field Label	Field Name	Field Type	Field Dependencies
Opportunity	Opportunity__c	Lookup(Opportunity)	✓
Owner	OwnerId	Lookup(User,Group)	✓
seats	seats__c	Number(15, 0)	
Start Date	Start_Date__c	Date/Time	
Vehicle Includes	Vehicle_Includes__c	Picklist (Multi-Select)	
Vehicle name	Vehicle_name__c	Text(20)	
Vehicle Name	Name	Text(80)	✓
Vehicle No	Vehicle_No__c	Text(15)	
Vehicle Type	Vehicle_Type__c	Picklist	

Activity-3:

Fields In Driver Object:

Create a dependency between these two picklists, so that when a Vehicle type is selected, only respective 2Wheeler Brands are available in the 2Wheeler field, Similarly for 4 wheelers.

The below steps will assist you in creating Field Dependencies.

[Type here]

- Click on the gear icon and then select Setup.
- Click on the object manager tab just beside the home tab.
- After the above steps, Select Vehicles Object
- Now Select Fields and relationships from setup menu of the vehicle object.
- Click Field Dependencies.
- Click New.
- Select Vehicle Type as the Controlling Field and select 2wheelers as the Dependent Field.
- Click Continue.
- Select the appropriate 2 wheelers Brands in each column by double-clicking them.
- 2WHEELERS :

i) HERO

ii) HONDA

iii) BAJAJ

iv) ROYAL ENFIELD

v) TVS

vi) KINETIC

vii) OLA

viii) JAWA

ix) SD

x) BATTERY

- Click Include Values.
- Click Preview, then test the dependency by selecting different Vehicle Type and

[Type here]

viewing the different Vehicles available for Vehicle Type.

- Click Close to close the preview window.
- Click Save.

Follow same steps for 4wheelers also

- Vehicle Type as the Controlling Field and select 4wheelers as the Dependent Field.
- Click Continue.
- Select the appropriate 4wheelers Brands in each column by double-clicking them.
- 4WHEELERS :

i) RENAULT

ii) SKODA

iii) HONDA

iv) HYUNDAI

v) SUZUKI

vi) MAHINDRA

vii) VOLKSWAGEN

viii) BENZ

ix) AUDI

x) VOLVO

- Click Include Values.
- Click Preview, then test the dependency by selecting different Vehicle Type and viewing the different Vehicles available for Vehicle Type.
- Click Close to close the preview window.

[Type here]

The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled 'Search Setup' and a navigation bar with 'Setup', 'Home', and 'Object Manager'. Below this, the 'Vehicle' object is selected under 'OBJECT MANAGER'. The left sidebar contains a list of setup options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, and Distribution Rules. The main content area is titled 'Vehicle Field Dependencies' and includes a 'Back to Custom Object: Vehicle' link. It explains that the page allows defining dependencies between fields (e.g., dependent picklists). Below this is a table titled 'Field Dependencies' with a 'New' button. The table has four columns: Action, Controlling Field, Dependent Field, and Modified By. It contains two entries, both for 'Vehicle Type' controlling '2WHEELERS' and '4WHEELERS', modified by 'keerthana keerthana' on 25/03/2023.

Action	Controlling Field	Dependent Field	Modified By
Edit Del	Vehicle Type	2WHEELERS	keerthana keerthana , 25/03/2023, 9:36 pm
Edit Del	Vehicle Type	4WHEELERS	keerthana keerthana , 25/03/2023, 9:38 pm

Milestone-4:Lightning App

Apps in Salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs.

Activity-1:

Create the Vehicle Management Construction app

[Type here]

- From Setup, enter App Manager in the Quick Find and select App Manager.
- Click New Lightning App. Enter Vehicle Management as the App Name, then click Next
- Under App Options, leave the default selections and click Next.
- Under Utility Items, leave as is and click Next.
- From Available Items, select Accounts, Contacts, Opportunities, Vehicle, Driver, Reports, and Dashboards and move them to Selected Items. Click Next.
- From Available Profiles, select System Administrator and move it to Selected Profiles. Click Save & Finish.
- To verify your changes, click the App Launcher, type Vehicle Management and select the Vehicle Management app.

Note:

1. App Launcher-Displays available apps.
2. App Name-Displays the current selected app.
3. Navigation menu-Displays the tabs available inside the app.

[Type here]

←

Lightning App Builder

App Settings

Pages ▾

Vehicle Management

? Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

App Branding

* App Name ⓘ

Vehicle Management

* Developer Name ⓘ

Vehicle_Management

Description ⓘ

Enter a description...

Image ⓘ

Upload

Primary Color Hex Value ⓘ

#0070D2

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

VM

Vehicle Management

[Type here]

Milestone-5: Profile

A profile is a group/collection of settings and permissions that define what a user can do in salesforce. A profile controls “Object permissions, Field permissions, User permissions, Tab settings, App settings, Apex class access, Visualforce page access, Page layouts, Record Types, Login hours & Login IP ranges.

Activity 1:

Creating a Profiles:

Now create a Vehicle Manager profile and set its object permissions.

- From Setup enter Profiles in the Quick Find box, and select Profiles.
- From the list of profiles, find Standard User.
- Click Clone.
- For Profile Name, enter Vehicle Manager.
- Click Save.
- While still on the Vehicle Manager profile page, then click Edit.

[Type here]

● Scroll down to Custom Object Permissions and give access for Create,Read,Edit,Delete,View all and modify all for Vehicle object and Drivers object.

To create a new profile:

Go to setup → type profiles in quick find box → click on profiles → clone the desired profile(standard user is preferable) → enter profile name → save

The screenshot displays the Salesforce Setup interface. The top navigation bar includes the Salesforce logo, a search bar labeled "Search Setup", and several utility icons. Below this, the "Setup" menu is open, showing "Home" and "Object Manager". The left sidebar contains a search bar with "pro" and a list of categories: Users, Profiles (highlighted), Data, Feature Settings, Data.com, Marketing, Sales, and Products. The main content area is titled "Profiles" and includes a "New Profile" button, a "Help for this Page" link, and a table of existing profiles. The table has columns for Action, Profile Name, User License, and Custom. One profile is listed: "Vehicle Manager" with a "Salesforce" license and a checked "Custom" checkbox. The bottom of the page shows pagination information: "1-1 of 1", "0 Selected", and "Page 1 of 1".

Action	Profile Name	User License	Custom
Edit Del ...	Vehicle Manager	Salesforce	<input checked="" type="checkbox"/>

[Type here]

The screenshot displays the Salesforce Setup interface. At the top, there is a search bar labeled "Search Setup" and a navigation bar with "Setup", "Home", and "Object Manager". The left sidebar contains a search bar with "pro" and a list of categories: Users, Profiles (highlighted), Data, Feature Settings, Data.com, Marketing, Sales, and Products. The main content area is titled "Profiles" and includes a "New Profile" button, a "Help for this Page" link, and a table of profiles. The table has columns for Action, Profile Name, User License, and Custom. One profile is listed: "Operator Profile" with a "Salesforce Platform" license and a checked "Custom" box. The bottom of the page shows pagination information: "1-1 of 1", "0 Selected", and "Page 1 of 1".

Setup

Home Object Manager

Search Setup

pro

Users

Profiles

Data

Feature Settings

Data.com

Marketing

Sales

Products

Asset Settings

Product Schedules

Settings

Product Settings

Profiles

Help for this Page

All Profiles Edit Delete Create New View

New Profile

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Del ...	Operator Profile	Salesforce Platform	<input checked="" type="checkbox"/>

1-1 of 1 0 Selected

Page 1 of 1

Setup Roles:

1. Click on the Gear Icon
2. Click "Setup"
3. In the Quick Find box, enter "Roles"
4. Click "Roles"

[Type here]

5. Click on "Set Up Roles"
6. Click "Expand All"
7. Under the CEO, click on "Add Role"
8. Fill up the Label as Vehicle Manager, Role Name Vehicle_Manager.
9. Enter a Role name that will be displayed on Reports
10. Click on Save .

Similarly create Two Roles under Vehicle Manager as Operator 1 And Operator 2 Roles which will report to the Vehicle manager.

[Type here]

The screenshot shows the Salesforce Setup interface. The left sidebar contains a search bar with 'roles' and a navigation menu with 'Users', 'Roles', and 'Feature Settings'. The 'Roles' section is expanded, showing 'Contact Roles on Contracts', 'Contact Roles on Opportunities', 'Service', 'Case Teams', and 'Case Team Roles'. The main content area is titled 'Vehicle Manager' and includes a description, hierarchy, and a table of role details. Below the table is a section for 'Users in Vehicle Manager Role' with a table of users.

Search Setup

Setup Home Object Manager

roles

Users

Roles

Feature Settings

Sales

Contact Roles on Contracts

Contact Roles on Opportunities

Service

Case Teams

Case Team Roles

Contact Roles on Cases

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

Role Vehicle Manager

Below is the list of users assigned to this role. Click Edit to modify the role name. Click Assign Users to Role to assign existing users to this role. Click New User to create a user for this role.

Hierarchy: M.V Muthiah govtment arts college for women » CEO » Vehicle Manager
Siblings: SVP, Sales & Marketing, SVP, Customer Service & Support, CFO, SVP, Human Resources, COO

Users in Vehicle Manager Role [1]

Role Detail

Label	Vehicle Manager	Role Name	Vehicle_Manager
This role reports to	CEO	Role Name as displayed on reports	CEO
Modified By	keerthana keerthana, 25/03/2023, 10:09 pm	Sharing Groups	Role, Role and Subordinates
Opportunity Access	Users in this role can edit all opportunities associated with accounts that they own, regardless of who owns the opportunities		
Case Access	Users in this role can edit all cases associated with accounts that they own, regardless of who owns the cases		

Users in Vehicle Manager Role

Assign Users to Role New User

Action	Full Name	Alias	Username	Active
Edit	John Teddy	itedd	keerthanasubramanian21itedd@gmail.com	✓

Milestone-6: Users

A user is **anyone who logs in to Salesforce**. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in Salesforce has a user account.

Activity 1:

[Type here]

Creating a Users:

1. From Setup, in the Quick Find box, enter Users, and then select Users.
2. Click New User.
3. Enter the user's name John Teddy and (Your) email address and a unique username in the form of an email address. By default, the username is the same as the email address.
4. Select a **Role**(Vehicle Manager)
5. Select a User Licence As salesforce.
6. Select a profile as Vehicle Manager.
7. Check Generate new password and notify the user immediately to have the user's login name and a temporary password emailed to your email.

[Type here]

The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Salesforce logo, a search bar labeled "Search Setup", and several utility icons. The left sidebar contains a navigation menu with categories like "Setup", "Home", and "Object Manager". Under "Setup", there are links for "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", and "Custom Labels". The main content area is titled "Users" and "All Users". It includes a search bar with the text "user", a "View: All Users" dropdown, and a "Create New View" link. Below this is a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists five users: Chatter Expert, keerthana. keerthana, Teddy John, User Integration, and User Security. Each user has an "Edit" link and a checkbox. The "Active" column shows checkmarks for all users. The "Profile" column lists the user's profile: Chatter Free User, System Administrator, Vehicle Manager, Analytics Cloud Integration User, and Analytics Cloud Security User. At the bottom of the table are buttons for "New User", "Reset Password(s)", and "Add Multiple Users".

Setup
Users

All Users

On this page you can create, view, and manage users.
In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: [iOS](#) | [Android](#)

View: **All Users** | [Edit](#) | [Create New View](#)

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | **All**

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d2w00000rif9veah.fn8ifmbhityk@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	keerthana. keerthana	kkeer	keerthanasubramanian21@gmail.com		✓	System Administrator
<input type="checkbox"/> Edit	Teddy John	itedd	keerthanasubramanian21 tedd@gmail.com	Vehicle Manager	✓	Vehicle Manager
<input type="checkbox"/> Edit	User Integration	inteq	integration@00d2w00000rif9veah.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightssecurity@00d2w00000rif9veah.com		✓	Analytics Cloud Security User

New User | Reset Password(s) | Add Multiple Users

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | **All**

Milestone-7:Reports

A report is a list of records that meet the criteria you define. It's displayed in Salesforce in rows and columns, and can be filtered, grouped, or displayed in a graphical chart. Every report is stored in a folder. Folders can be public, hidden, or shared, and can be set to read-only or read/write.

[Type here]

Activity 1:

Reports And Dashboards.

- Go to Reports and click New Report.
- Select the Accounts, Contacts and Vehicle report type and click Start Report.
- To begin filtering, click Filters.
- Click the Show Me standard filter and select My Contacts. Click Apply.
- Click on add columns add Vehicle: Vehicle name, Vehicle: Customer id, Vehicle: Customer name, Vehicle: Customer Number, Vehicle: Chassis Number
- Click Save.
- Save your report as Vehicle and Customer Details and accept the auto-generated unique name.

[Type here]

The screenshot shows the 'Reports' section of a 'Vehicle Management' dashboard. The top navigation bar includes 'Vehicle Management', 'Accounts', 'Contacts', 'Opportunities', 'Vehicles', 'Drivers', 'Reports', and 'Dashboards'. The 'Reports' section has a search bar and buttons for 'New Report' and 'New Folder'. A table titled 'Recent' lists three reports:

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Drivers with Vehicle Report		Private Reports	keerthana keerthana	29/3/2023, 5:31 pm	
Created by Me	New Vehicles with Opportunity Report		Private Reports	keerthana keerthana	29/3/2023, 5:04 pm	
Private Reports	New Contacts & Accounts Report		Private Reports	keerthana keerthana	29/3/2023, 4:41 pm	

The left sidebar shows categories: REPORTS (Recent, Created by Me, Private Reports, Public Reports, All Reports), FOLDERS (All Folders, Created by Me, Shared with Me), and FAVORITES (All Favorites).

Activity 2:

Dashboard:

1. Click the Dashboards tab.
2. Click New Dashboard.
3. Name the dashboard Vehicle and Customer Details and click Create.
4. Click +Component.
5. Select the Supplies report and click Select.
6. Select the Vertical Bar Chart component and click Add.
7. Click Save and then Done.

To create a report:

[Type here]

Go to the app → click on the reports tab

Dashboard

Vehicle and Customer Detail

As of 01-Apr-2023, 8:01 pm Viewing as keerthana keerthana

New Drivers with Vehicle Report

Driver: Driver	Vehicle: Vehic	Vehicle: Custom	Vehicle: Veh	Vehicle: ZVI
Sharmila	Car	kala	4 wheeler	-
Sugeshini	Bike	Mahan	2 wheeler	RONAL ENRI

[View Report \(New Drivers with Vehicle Report\)](#)

New Vehicles with Opportunity Report

Vehicle: W	Opportunity: Ops	Oppor	Opportunity:	Opportunity: Type
Bike	Vehicle Manager	₹7,00v	Vehicle Manager	Existing Customer
Car	Driver Manager	₹8,00v	Driver Manager	Existing Customer

[View Report \(New Vehicles with Opportunity Report\)](#)

New Contacts & Accounts Report

Salutation	First Nam	Last Na	Account Nam	Mailing Street
Ms.	Keerthana	Keerthana	Driver Manager	73 south main street,thana
Ms.	kamala	kamala	Vehicle Manager	472 west main street, madurai

[View Report \(New Contacts & Accounts Report\)](#)

4.Trailhead profile public URL:

Team lead- S. Keerthana- <https://trailblazer.me/id/kkeerthana44>

Team member 1-A. Inul Inaya

[Type here]

Team member 2-B. Jeevitha

Team member 3-M. Kalaiselvi

5.Advantages & disadvantage:

Advantages:

- 1 productivity efficiency and performance levels of vehicles.
- 2 advanced vehicle management system the vehicles is onboard computer, gather data for user.
- 3 **vehicle** management has an integrated system to track & manage all-important assets & ensure the best profitability.
- 4 customize the report according to business requirements.

Disadvantages:

1. Active tracking based fleet management requires monthly subscription charges and data usage charges.
2. It requires skilled resources to maintain such system. This increases maintenance costs.
3. GPS device used in fleet management is power hungry which drains battery faster.

6 .Applications:

- Vehicle fuel tracking systems.
- Vehicle maintenance software solutions
- Vehicle tracking systems
- Vehicle inventory management systems.

7.Conclusions:

The developed system has been successfully deployed on a web-site. After connected to the system through the Internet, some feedbacks are found. This system's workflow of the front-end is user friendly and efficient enough to work. Online vehicle reservation system improves the existing system since we are in computerized world. With this new system is mandatory, it enables the user of the system (client, employee, System administrator) to reserve vehicles online and this reduces the wasting of time of the clients looking for where to go, increase the safety the property.

The system developed with future development possibilities in consideration. The object oriented approach of this system permits addition of new entities and methods, which will be helpful to interact with existing ones and to extend the functionalities. The developers of this system wishes to continue their involvement and contribution to this system for further development operation. Some new features will be added soon in this system. The developers of this system wish to add a Forum facility in this web-site, where all the registered users will be able to perform desired tasks.

8 .Future scope:

The system could be modified suitable to work on a large network. This involves, amount other, resolving used conflicts, protecting database integrity and ensuring consistency of data if it is distributed across multiple location. The project could be implemented in an average sized organization. An average company will not be very keep on spending loads of money on ledgers. Whereas these project will greatly reduce the costs which is using common and cheap office items like database and desktop application. An average company will not be very keep on spending loads of money on ledgers. Whereas these project will greatly reduce the costs which is using common and cheap office items like database and desktop application. Can possible to improve this project on mobile app version. In mobile app client will be able to book vehicles through smart phones.

[Type here]

[Type here]