

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

INTRODUCTION:

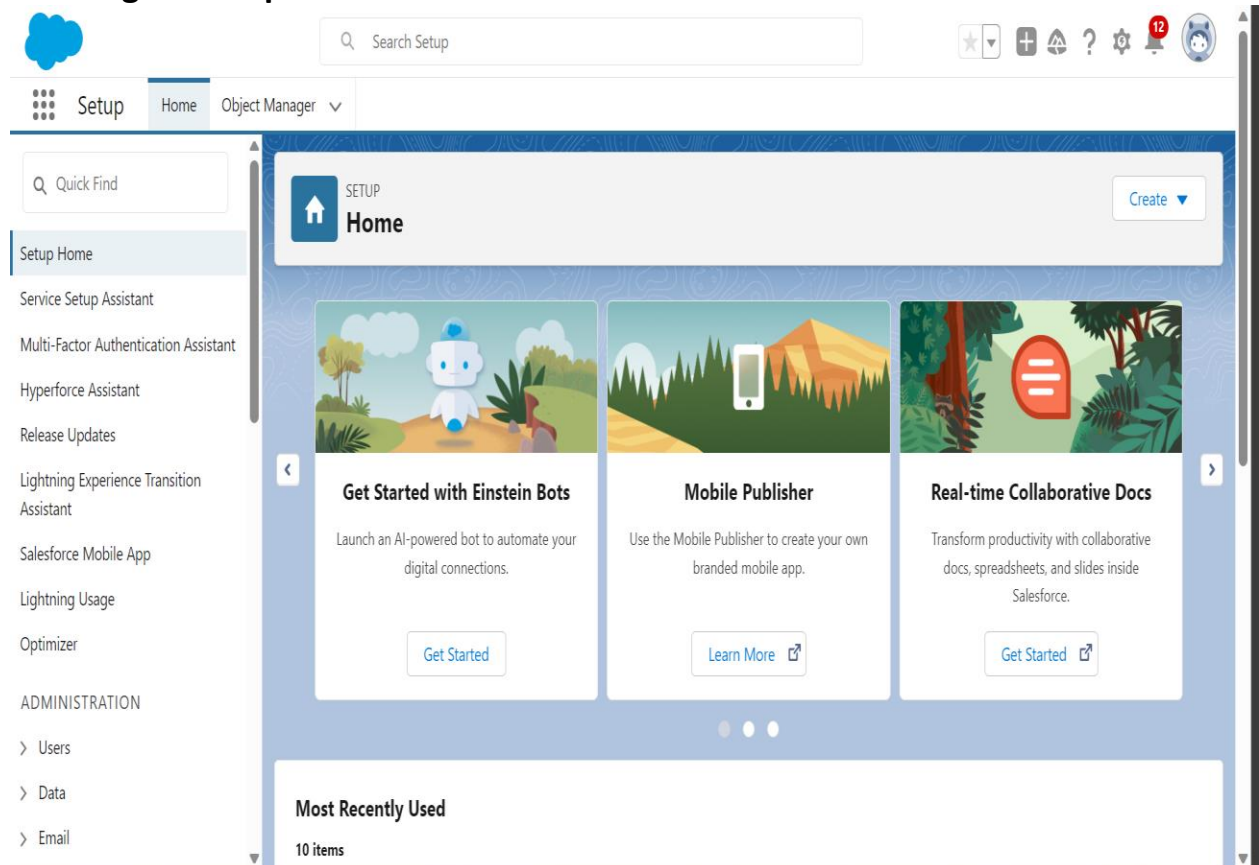
Overview: The automotive cloud data provides a set of objects and fields that you can use to store and manage information about vehicles, parts, and accessories.

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:






Setup

Home

Object 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

Edit

Delete

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

ACTIVITY:2

To Create An Drivers Objects:

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 'Object Manager' tab is selected, and the 'Driver' object is chosen. The left sidebar lists various configuration options, with 'Details' selected. The main content area shows the 'Details' configuration for the 'Driver' object, including fields like 'API Name', 'Singular Label', and 'Plural Label', as well as checkboxes for 'Enable Reports', 'Track Activities', and 'Track Field History'. The 'API Name' is 'Driver__c', the 'Singular Label' is 'Driver', and the 'Plural Label' is 'Drivers'. The 'Enable Reports' checkbox is checked, and the 'Deployment Status' is 'Deployed'.

Setup > OBJECT MANAGER

Driver

Details (Edit Delete)

Description

API Name: Driver__c

Enable Reports: ☒

Custom: ☒

Track Activities: ☐

Singular Label: Driver

Track Field History: ☐

Plural Label: Drivers

Deployment Status: Deployed

Help Settings: Standard salesforce.com Help 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 TVs Kinetic Ola Jawa SD Batter	Pick list
5	4wheelers Renalut Skoda Honda Suzuki Mahindra Volkswagen Benz Audi Volvo	Picklist

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 kitStepney Stereo Tool kit Tracking deviceTyre jack	
12	Condition Good MediumLeast	Pick list
13	Mileage	Text
14	Seats	Number
15	Start date	Date/time
16	End date	Date/time
17	Opportunity	Lookup (opportunity)

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:

← 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 Name ⓘ

Vehicle Management

* Developer Name ⓘ

Vehicle_Management

Description ⓘ

Enter a description...

App Branding

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

MILESTONE:5

Profiles

ACTIVITY:1

Creating A Profiles:

The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains a search bar with 'profi' and a list of navigation items: 'Users' and 'Profiles'. The main content area is titled 'SETUP Profiles' and includes a 'Help for this Page' link. Below the title, there are links for 'All Profiles', 'Edit', 'Delete', and 'Create New View'. A table lists existing profiles with columns for 'Action', 'Profile Name', 'User License', and 'Custom'. The table includes profiles like 'Chatter External User', 'Chatter Free User', 'Chatter Moderator User', 'Contract Manager', 'Cross Org Data Proxy User', 'Custom Marketing Profile', 'Custom Sales Profile', 'Custom Support Profile', and 'Customer Community Login User'. The 'Custom' column has checkboxes, some of which are checked. At the bottom, there is a pagination bar showing '1-25 of 40' and '0 Selected'.

Action	Profile Name	User License	Custom
Edit Clone	Chatter External User	Chatter External	<input type="checkbox"/>
Edit Clone	Chatter Free User	Chatter Free	<input type="checkbox"/>
Edit Clone	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
Edit Clone	Contract Manager	Salesforce	<input type="checkbox"/>
Edit Clone	Cross Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
Edit Del ...	Custom Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Del ...	Custom Sales Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Del ...	Custom Support Profile	Salesforce	<input checked="" type="checkbox"/>
Edit Clone	Customer Community Login User	Customer Community Login	<input type="checkbox"/>

ACTIVITY:2

Setup Roles:

The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar contains a search bar with 'roles' and a list of navigation items: 'Users', 'Roles', 'Feature Settings', 'Sales', 'Service', and 'Case Teams'. The main content area is titled 'SETUP Roles' and includes a 'Help for this Page' link. Below the title, there is a section titled 'Understanding Roles' with a description: 'Set up your Role Hierarchy to control how your organization reports on and accesses data.' It also includes a 'Sample Role Hierarchy' section with a dropdown menu set to 'Territory-based Sample'. A diagram illustrates the hierarchy: 'Executive Staff' (CEO, President, CFO, VP, Sales) at the top, branching into 'Western Sales Director', 'Eastern Sales Director', and 'International Sales Director'. Each director has a corresponding 'Sales Rep' role below them. The 'Sales Rep' roles are further categorized by region: 'CA Sales Rep', 'OR Sales Rep', 'NY Sales Rep', 'MA Sales Rep', 'Asian Sales Rep', and 'European Sales Rep'. A 'Set Up Roles' button is at the bottom right.

Executive Staff

- CEO
- President
- CFO
- VP, Sales

Western Sales Director

- CA Sales Rep
- OR Sales Rep

Eastern Sales Director

- NY Sales Rep
- MA Sales Rep

International Sales Director

- Asian Sales Rep
- European Sales Rep

MILESTONE:6 Users:

ACTIVITY:1

Creating users:

The screenshot shows the Salesforce Setup interface for managing users. The left sidebar contains navigation links: Setup, Home, Object Manager, Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, Data.com, and Prospector. The main content area is titled 'Users' and includes instructions on how to create, view, and manage users. It also provides links to download SalesforceA for mobile devices. A table lists existing users with columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. The table includes users like Chatter Expert, LVVAditya_Nurukurthy, Operator 1, Operator 2, Teddy John, User_Integration, and User_Security. At the bottom, there is a search bar and a message: 'Didn't find what you're looking for? Try using Global Search.'

Search Setup

Setup Home Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector 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

New User Reset Password(s) Add Multiple Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d5j00000cnnhea5.qrijabdhvhwu@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	LVVAditya_Nurukurthy	NLVV	lokeshaditya08@pragati.in		✓	System Administrator
<input type="checkbox"/> Edit	Operator 1	oper	lokesh08@gmail.com	Operator 1	✓	Standard Platform User
<input type="checkbox"/> Edit	Operator 2	oper	20a31a49@pragati.ac.in	Operator 2	✓	Standard Platform User
<input type="checkbox"/> Edit	Teddy John	tedd	lokeaditya08@gmail.com	Vehicle Manager	✓	Vehicle Manager
<input type="checkbox"/> Edit	User_Integration	integ	integration@00d5j00000cnnhea5.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	sec	insightssecurity@00d5j00000cnnhea5.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

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

MILESTONE:7 Reports and Dashboards

ACTIVITY:1

Reports:

The screenshot shows the 'Reports' page in the Vehicle Management system. The URL is <https://playful-moose-e0t59k-dev-ed.trailblaze.lightning.force.com/lightning/o/Report/home?queryScope=mru>. The page has a search bar and a 'New Report' button. A table lists recent reports, with one item visible: 'Opportunities Details' in the 'Private Reports' folder, created by 'Nurukurthy L V V Aditya' on '8/8/2023, 6:10 pm'. A sidebar on the left shows navigation options like 'Recent', 'Created by Me', 'Private Reports', 'Public Reports', 'All Reports', 'FOLDERS', 'All Folders', 'Created by Me', and 'Shared with Me'.

Report Name	Description	Folder	Created By	Created On	Subscribed
Opportunities Details		Private Reports	Nurukurthy L V V Aditya	8/8/2023, 6:10 pm	

ACTIVITY:2

Dashboards&Vehicles:

The screenshot shows the 'Vehicles' page in the Vehicle Management system. The URL is https://playful-moose-e0t59k-dev-ed.trailblaze.lightning.force.com/lightning/o/Vehicle_c/list?filterName=Recent. The page has a search bar and buttons for 'New', 'Import', and 'Change Owner'. A table lists 8 items under the 'Recently Viewed' filter. The table has columns for 'Vehicle Name' and a dropdown menu.

Vehicle Name
OLA
AUDI
VOLVO
TVS
ROYAL ENFIELD
BAJAJ
HERO
HONDA

ADVANTAGES:

1. You can also reduce operating expenses by optimizing your driver's routes .
2. Leading 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.

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.

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DONE BY:

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