

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

INTRODUCTION:

Overview

Vehicle Management is an application where customer details are stored in order to choose cars, bikes, and commercial vehicles for travel within the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are sent to them in the form of messages and emails.

Purpose

- ❖ The purpose of our project is to provide customers with a clear vision of buying a vehicle.
- ❖ Our app should provide the latest news about newly launched vehicles, and government norms on vehicles.
- ❖ It should give details about the finance options available for buying a vehicle.
- ❖ It should allow the customer to compare the vehicles to come to a conclusion about buying a vehicle.
- ❖ It should also provide the service center location for hassle-free service for the vehicle.
- ❖ It should give a guaranteed buyback option

Problem Definition & Design Thinking:

Empathy Map For Vehicle Management Application

Template



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.

EMPATHY MAP FOR VEHICLE MANAGEMENT APPLICATION

Says

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

Is it Fuel-Efficient?

Does it have a strong build quality?

It should be suitable for elders

It should be comfortable to drive

Does it have internet connection?

What type of interior and exterior options are there?

New or used?

It should have at least 4 airbags

I should have a good boot space



searches for comfort and safety ratings online

Ask expert opinion

Excitement

what if they delivered the wrong colour?

Check for Available Discounts and Offers During Festivals or Special Sales

Visit a Dealership and Request a Test Drive

Check reliability and ownership costs

Satisfying

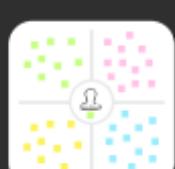
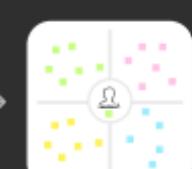
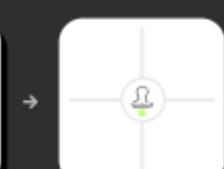
The vehicle commercials may not be true

Does

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



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



[Share template feedback](#)



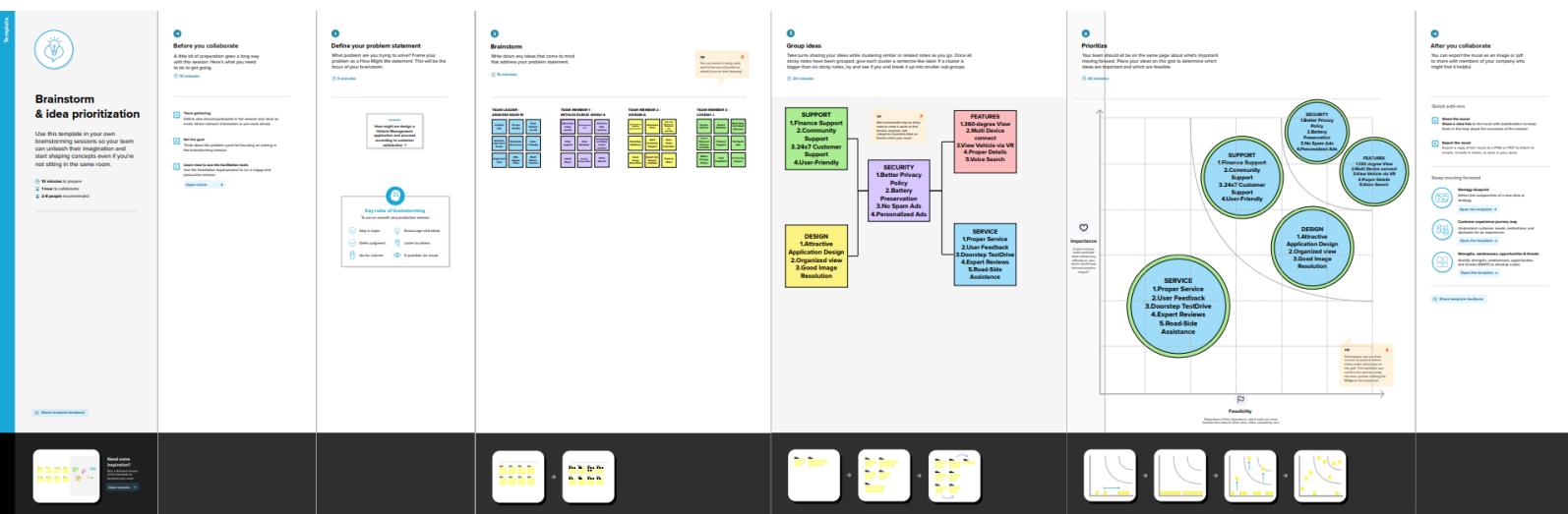
Need some inspiration?

See a finished version of this template to kickstart your work.

[Open example →](#)

Ideation & Brainstorming Map:

Ideation & brainstorming map



RESULT:

Data Model:

Object name	Fields in the Object		
Vehicle	S. No	Field label	Data type
	1	Customer Name	Text
	2	Customer Mobile No	Number
	3	Vehicle Type i)2 Wheeler ii)4 Wheeler	Pick List
	4	2WHEELERS i. HERO ii. HONDA iii. BAJAJ iv. ROYAL ENFIELD v. TVS vi. KINETIC vii. OLA viii. JAWA ix. SD x. BATTERY	
	5	4WHEELERS i. RENAULT ii. SKODA iii. HONDA iv. HYUNDAI v. SUZUKI vi. MAHINDRA vii. VOLKSWAGEN viii. BENZ ix. AUDI x. VOLVO	
	6	Vehicle Name	Text
	7	Vehicle No	Text
	8	Chassis No	Text
	9	Colour	Text
	10	Body Type	Text
	11	Vehicle Includes i. Fire Extinguisher ii. First Aid Kit iii. Multi Charger Kit iv. Stepney v. Stereo vi. Tool Kit vii. Tracking Device viii. Tyre Jack	Multi Picklist
	12	Condition	Picklist

	i. Good ii. Medium iii. Least																			
13	Mileage	Text																		
14	Seats	Number																		
15	Start Date	Date/Time																		
16	End Date	Date/Time																		
17	Opportunities	Lookup (Opportunities)																		
Driver	<table border="1"> <thead> <tr> <th>S. NO</th><th>Field label</th><th>Data type</th></tr> </thead> <tbody> <tr> <td>1</td><td>Driver Name</td><td>Text</td></tr> <tr> <td>2</td><td>Licence No</td><td>Text</td></tr> <tr> <td>3</td><td>Mobile No</td><td>Number</td></tr> <tr> <td>4</td><td>Fair Per Hour</td><td>Text</td></tr> <tr> <td>5</td><td>Vehicle</td><td>Lookup(Vehicle)</td></tr> </tbody> </table>		S. NO	Field label	Data type	1	Driver Name	Text	2	Licence No	Text	3	Mobile No	Number	4	Fair Per Hour	Text	5	Vehicle	Lookup(Vehicle)
S. NO	Field label	Data type																		
1	Driver Name	Text																		
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3	Mobile No	Number																		
4	Fair Per Hour	Text																		
5	Vehicle	Lookup(Vehicle)																		

Activity & Screenshot

OBJECTS:

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.

STEP 1: CREATING CUSTOM OBJECTS

- **VEHICLE**
- **DRIVER**

The screenshot shows the Salesforce Object Manager interface. At the top, there's a purple header bar with the title 'Object Manager | Salesforce'. Below it is a browser-like toolbar with back, forward, search, and refresh buttons. The main content area has a blue header 'Object Manager' with a 'SETUP' icon. A search bar and a 'Create' button are on the right. The main table lists objects with columns: LABEL, API NAME, TYPE, DESCRIPTION, LAST MODIFIED, and DEPLOYED. The table shows several standard objects like Work Type Group Member, Work Type Group, etc., and two custom objects: Driver and Vehicle. The 'DEPLOYED' column for both custom objects has a checkmark. The bottom of the screen shows a taskbar with various icons and system status indicators.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Driver	Driver__c	Custom Object		17/03/2023	✓
Vehicle	Vehicle__c	Custom Object		17/03/2023	✓
Work Type Group Member	WorkTypeGroupMember	Standard Object			
Work Type Group	WorkTypeGroup	Standard Object			
Work Type	WorkType	Standard Object			
Work Step Template	WorkStepTemplate	Standard Object			
Work Step	WorkStep	Standard Object			
Work Plan Template Entry	WorkPlanTemplateEntry	Standard Object			
Work Plan Template	WorkPlanTemplate	Standard Object			
Work Plan	WorkPlan	Standard Object			
Work Order Line Item	WorkOrderLineItem	Standard Object			
Work Order	WorkOrder	Standard Object			
Store	WebStore	Standard Object			

STEP 2: CREATING CUSTOM FIELDS FOR VEHICLE AND DRIVER OBJECT

FIELDS AND RELATIONSHIPS:

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.

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes tabs for Setup, Home, and Object Manager. The main title is "Vehicle". On the left, a sidebar lists various object settings like Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, etc. The main content area is titled "Fields & Relationships" and displays a list of 20 items, sorted by Field Label. Each item shows the field name, label, type, and description. For example, "2WHEELERS" is a Picklist type field for Vehicle Type. Other fields listed include X4WHEELERS__c, Body Type, Chassic No, Colour, Condition, Created By, Customer Mobile No, Customer Name, and End Date. A toolbar at the top of the list provides options for Quick Find, New, Deleted Fields, Field Dependencies, and Set History Tracking.

Field	Label	Type	Description
2WHEELERS	X2WHEELERS__c	Picklist	Vehicle Type
4WHEELERS	X4WHEELERS__c	Picklist	Vehicle Type
Body Type	Body_Type__c	Text(80)	
Chassic No	Chassic_No__c	Text(80)	
Colour	Colour__c	Text(80)	
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(80)	
End Date	End_Date__c	Date/Time	

Vehicle | Salesforce

presencycollege75-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w000003QnxL/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER Vehicle

Fields & Relationships
20 Items, Sorted by Field Label

			Quick Find	New	Deleted Fields	Field Dependencies	Set History Tracking
Last Modified By	LastModifiedById	Lookup(User)					
Mileage	Mileage__c	Text(80)					
Opportunity	Opportunity__c	Lookup(Opportunity)					
Owner	OwnerId	Lookup(User,Group)					
Seats	Seats__c	Number(18, 0)					
Start Date	Start_Date__c	Date/Time					
Vehicle Includes	Vehicle_Includes__c	Picklist (Multi-Select)					
Vehicle Name	Name	Text(80)					
Vehicle No	Vehicle_No__c	Text(80)					
Vehicle Type	Vehicle_Type__c	Picklist					

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 Scoping Rules

14:26 12-04-2023

Driver | Salesforce

presencycollege75-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w000003QnxX/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER Driver

Fields & Relationships
8 Items, Sorted by Field Label

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

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 Scoping Rules

14:27 12-04-2023

STEP 3: CREATING FIELD DEPENDENCIES FOR VEHICLE 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, Similar to 4-wheelers.

The screenshot shows the Salesforce Setup interface for the 'Vehicle' object. The left sidebar lists various setup categories like Details, Fields & Relationships, Page Layouts, etc. The main content area is titled 'Vehicle Field Dependencies' and shows a table of existing dependencies:

Action	Controlling Field	Dependent Field	Modified By
Edit Del	Vehicle Type	2WHEELERS	Aravindmani M, 09/04/2023, 10:39 pm
Edit Del	Vehicle Type	4WHEELERS	Aravindmani M, 09/04/2023, 10:41 pm

STEP 4: CREATE A VEHICLE MANAGEMENT APP

The screenshot shows the Salesforce App Launcher interface. On the left, there's a sidebar with navigation links like Setup Home, Service Sets, Multi-Factor Auth, Release Updates, Lightning Experience Assistant, and various Admin sections. The main area is titled "App Launcher" with a search bar "Search apps or items...". A button "Visit AppExchange" is at the top right. The app grid includes "Salesforce Chatter", "Content", "Sales Console", "Service Console", "Sales", "Lightning Usage App", "Digital Experiences", "Salesforce Scheduler Setup", "Bolt Solutions", and "Vehicle Management". The "Vehicle Management" app is highlighted with a blue border and has a "VM" icon. Below the grid, there's a section titled "All Items" with a dropdown arrow.

The screenshot shows the "Vehicle Management" application interface. At the top, there's a navigation bar with tabs: Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports, and Dashboards. The "Accounts" tab is currently selected. Below the navigation bar, there's a header for "Recently Viewed" accounts. A message says "0 items • Updated a few seconds ago". To the right, there's a search bar "Search this list..." and a set of icons for "New", "Import", and other actions. A table below has columns for "Account Name", "Account Site", "Phone", and "Account Owner Alias". A message at the bottom center says "You haven't viewed any Accounts recently. Try switching list views." The URL in the browser is "https://presidencycollege75-dev-ed.develop.lightning.force.com/lightning/o/Opportunity/h...".

STEP 5: CREATE A VEHICLE MANAGER AND OPERATOR 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

Create vehicle profile, Clone Standard user and 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.

The screenshot shows the Salesforce Setup interface for creating a new profile. The top navigation bar includes links for Profiles, Home, and Object Manager. The left sidebar has sections for PROFILE, Users, and Profiles, with 'Profiles' currently selected. The main content area is titled 'SETUP Profiles' and shows a 'Vehicle Manager' profile. The profile details are as follows:

Profile Detail	
Name	Vehicle Manager
User License	Salesforce
Description	
Created By	Aravindmani.M, 10/04/2023, 6:25 pm
Modified By	Aravindmani.M, 10/04/2023, 6:27 pm

Below the profile detail, there is a 'Page Layouts' section for 'Standard Object Layouts'. It lists various objects and their corresponding page layouts:

Object	Global Layout	Object Milestone Layout
Email Application	Not Assigned	Operating Hours Layout
Home Page Layout	DE Default	Opportunity Layout
Account	Account Layout	Opportunity Product Layout
Alternative Payment Method	Alternative Payment Method Layout	Order Layout
Appointment Invitation	Appointment Invitation Layout	Order Product Layout

At the bottom of the page, there is a toolbar with icons for Cloud, Home, Search, and various system functions, along with a status bar showing ENG IN, 15:20, and 12-04-2023.

Profiles | Salesforce

presidencycollege75-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e2w000000xAOj

SETUP Profiles

Custom Object Permissions

	Basic Access				Data Administration		Basic Access				Data Administration	
	Read	Create	Edit	Delete	View All	Modify All	Read	Create	Edit	Delete	View All	Modify All
Drivers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vehicles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Session Settings

Session Times Out After: 2 hours of inactivity

Session Security Level Required at Login

Password Policies

- User passwords expire in: 90 days
- Enforce password history: 3 passwords remembered
- Minimum password length: 8
- Password complexity requirement: Must include alpha and numeric characters
- Password question requirement: Cannot contain password

CREATE OPERATOR PROFILE

Create operator profile, Clone Salesforce Platform user and Scroll down to Custom Object Permissions and give access for Create, Read, Edit, Delete, View all, and Modify all only for Vehicle object

The screenshot shows the Salesforce Setup - Profiles page. The profile is named "Operator". It has a "User License" of "Salesforce Platform" and is a "Custom Profile". The "Page Layouts" section lists various standard object layouts like Global, Email Application, Home Page Layout, Account, Alternative Payment Method, and Appointment Invitation, each associated with a specific layout. The "Custom Object Permissions" section is visible at the bottom.

The screenshot shows the "Custom Object Permissions" section for the Operator profile. It includes sections for "Communication Subscriptions", "Communication Subscription Channel Types", "Communication Subscription Consents", "Communication Subscription Timings", "Contacts", "Contact Point Addresses", "Contact Point Consents", "Contact Point Emails", "Ideas", "Individuals", "Locations", "Party Consents", "Push Topics", "Sellers", "Streaming Channels", and "User External Credentials". Below this, there is a "Custom Object Permissions" table for "Drivers" and "Vehicles" with columns for Basic Access (Read, Create, Edit, Delete) and Data Administration (View All, Modify All). The "Session Settings" section shows a session timeout of 2 hours of inactivity. The "Password Policies" section defines password expiration (90 days), history (3 passwords remembered), length (8 characters), complexity (must include alpha and numeric characters), and question requirements (cannot contain password).

STEP 6: ADD ROLE

UNDER THE CEO ADD THE ROLE – VEHICLE MANAGER

The screenshot shows the Salesforce Setup Roles page. The URL in the browser is <https://presidencycollege75-dev-ed.lightning.force.com/lightning/setup/Roles/page?address=%2F00E2w000000izVA%3Fsetupid%3DRoles>. The page title is "Roles".

Role Detail:

Label	Vehicle Manager	Role Name	Vehicle_Manager
This role reports to	CEO	Role Name as displayed on reports	Vehicle Manager
Modified By	Aravindmani M, 10/04/2023, 8:25 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 [1]

Action	Full Name	Alias	Username	Active
Edit	John Teddy	tedd	aravind01032001@gmail.com	<input checked="" type="checkbox"/>

Roles | Salesforce

presidencycollege75-dev-ed.develop.lightning.force.com/lightning/setup/Roles/page?address=%2F00E2w000000zV%3Fsetupid%3DRoles

Setup Home Object Manager

Quick Find Search Setup

Role Operator 1

Help for this Page

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: Presidency College > CEO > Vehicle Manager > Operator 1
Siblings: Operator 2

[Users in Operator 1 Role \[1\]](#)

Role Detail

Label	Operator 1	Role Name	Operator_1
This role reports to	Vehicle Manager	Role Name as displayed on reports	Operator 1
Modified By	Aravindmani M. 10/04/2023, 8:27 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 Operator 1 Role

Action	Full Name	Alias	Username	Active
Edit	Siva Sakthi	ssakti	aravind1032001@gmail.com	<input checked="" type="checkbox"/>

ENG IN 15:31 12-04-2023

UNDER THE VEHICLE MANAGER ADD THE ROLE OPERATOR 1 AND OPERATOR 2

Roles | Salesforce

presidencycollege75-dev-ed.develop.lightning.force.com/lightning/setup/Roles/page?address=%2F00E2w000000zV%3Fsetupid%3DRoles

Setup Home Object Manager

Quick Find Search Setup

Role Operator 2

Help for this Page

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: Presidency College > CEO > Vehicle Manager > Operator 2
Siblings: Operator_1

[Users in Operator 2 Role \[1\]](#)

Role Detail

Label	Operator 2	Role Name	Operator_2
This role reports to	Vehicle Manager	Role Name as displayed on reports	Operator 2
Modified By	Aravindmani M. 10/04/2023, 8:28 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 Operator 2 Role

Action	Full Name	Alias	Username	Active
Edit	Ainam Dinarv	adminv	aravind0132001@gmail.com	<input checked="" type="checkbox"/>

ENG IN 15:32 12-04-2023

STEP 7: CREATING THE 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.

CREATE A USER 'JOHN TEDDY' AND ASSIGN VEHICLE MANAGER AS ROLE AND PROFILE

The screenshot shows the Salesforce Setup interface under the 'Users' section. The left sidebar includes options like Permission Set Groups, Profiles, Public Groups, Queues, Roles, User Management Settings, and a prominent 'Users' option which is selected. The main content area displays a table titled 'All Users' with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists several users, including 'Chatter Expert', 'Dinvar_Ainam', 'M_Aravindmani', 'Sakthi_Siva', 'Teddy_John', 'User_Integration', and 'User_Security'. Each user row contains an 'Edit' link. The bottom of the page features links for 'New User', 'Reset Password(s)', and 'Add Multiple Users'.

The screenshot shows the 'User Detail' page for a user named 'John Teddy'. The left sidebar is identical to the previous screenshot, showing the 'Users' section is selected. The main content area displays detailed information about the user, including Name (John Teddy), Alias (tedd), Email (aravind01032001@gmail.com), Username (aravind01032001@gmail.com), Nickname (User16811392365034185944), Title, Company, Department, Division, Address, Time Zone (GMT+05:30) India Standard Time (Asia/Kolkata), Locale (English (India)), Language (English), Delegated Approver, Manager, Receive Approval Request Emails (Only if I am an approver), Federation ID, App Registration (One-Time Password), and various checkboxes for roles like Vehicle Manager, Marketing User, etc. The top right corner of the page has a 'User Profile Help for this Page' link.

CREATE OTHER TWO USERS AND ASSIGN OPERATOR 1 AND OPERATOR 2 ROLES ALONG WITH OPERATOR PROFILE

The screenshot shows the Salesforce Setup interface with the following details:

- Page Header:** presidencycollege75-dev-ed.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000GrAkr%3Fnoredirect%3D1%26isUserEntityOverride%3D1
- Search Bar:** Search Setup
- Left Navigation Bar:** Includes links for Setup, Home, Object Manager, and various settings categories like Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings (selected), and Users.
- Current Page:** SETUP Users
- User Detail Section:** Displays user information for "Ainam Dinvar".

Name	Ainam Dinvar	Role	Operator 2
Alias	adinv	User License	Salesforce Platform
Email	aravind0132001@gmail.com	Profile	Operator
Username	aravind0132001@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User16811430214926158086	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	View
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/> View
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/> View
Federation ID		High-Contrast Palette on Charts	<input type="checkbox"/> View
App Registration: One-Time Password	View	Load Lightning Pages While Scrolling	<input checked="" type="checkbox"/> View
- Help and Links:** User Profile Help for this Page

The screenshot shows the Salesforce Setup interface with the following details:

Page Header: Users | Salesforce

Search Bar: Search Setup

Left Navigation Bar:

- Setup
- Home
- Object Manager
- Users
- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users** (selected)
- Feature Settings
- Data.com
- Prospector Users
- User Interface
- Action Link Templates
- Actions & Recommendations
- App Menu
- Custom Labels
- Density Settings
- Global Actions

Current Page: Users | Siva Sakthi

User Detail:

User Detail		Edit Sharing Reset Password Freeze	
Name	Siva Sakthi	Role	Operator 1
Alias	ssakt	User License	Salesforce Platform
Email	aravind01032001@gmail.com	Profile	Operator
Username	aravind01032001@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User168113980903171829	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	View
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/> View
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/> View
Federation ID		High-Contrast Palette on Charts	<input type="checkbox"/> View
App Registration: One-Time Password Authenticator	View	Load Lightning Pages While Scrolling	<input checked="" type="checkbox"/> View

STEP 8: CREATE THE 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.

The screenshot shows the Salesforce Lightning interface with a purple header bar. The URL in the address bar is presidencycollege75-dev-ed.lightning.force.com/lightning/r/Report/00O2w00000EP38EEAT/view?queryScope=userFolders. The page title is "Vehicle and Customer Details". The top navigation bar includes links for Vehicle Management, Accounts, Contacts, Opportunities, Vehicles, Drivers, Reports (selected), and Dashboards. The main content area displays a report titled "Report: Vehicles Vehicle and Customer Details". The report table has the following data:

Total Records	Total Customer Mobile No			
7	56,15,36,99,164			
Vehicle: Vehicle Name ↑				
BAJAJ (1)	a002w00000bg0g6	DANIEL	6,78,28,38,928	SNXUW87E2HW262JHS
Subtotal			6,78,28,38,928	
BENZ (1)	a002w00000bg0ft	RATAN	9,08,79,08,654	8HF886YT5EFUI89GU
Subtotal			9,08,79,08,654	
HERO (1)	a002w00000bg0gb	EMINEM	8,90,76,89,760	J87643SF56YH8U8U7
Subtotal			8,90,76,89,760	
MAHINDRA (1)	a002w00000bg0gQ	JASON	6,87,45,65,432	S87D928JQS9SXH872
Subtotal			6,87,45,65,432	
ROYAL ENFIELD (1)	a002w00000bg0fj	ASHIK	9,08,76,89,654	S8SIJ2E7Y20EON6UG7
Subtotal			9,08,76,89,654	
SKODA (1)	a002w00000bg0gS	LISA	6,78,98,37,823	8H2E295NWS109Q0S4
Subtotal			6,78,98,37,823	
TVS (1)	a002w00000bg0gR	JUSTIN	8,62,31,68,913	28HDDBSVA9B2SHU33
Subtotal			8,62,31,68,913	
Total (7)			56,15,36,99,164	

At the bottom of the report, there are buttons for Row Counts, Detail Rows, Subtotals, and Grand Total. The system status bar at the bottom right shows ENG IN, battery level, signal strength, and the date 12-04-2023.

STEP 9: CREATING THE DASHBOARDS

Vehicle and Customer Details | S +

presidencycollege75-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01Z2w000000fCygEAE/view?queryScope=userFolders

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

Search... Refresh Edit Subscribe

Vehicle and Customer Details

As of 11-Apr-2023, 8:39 pm Viewing as Aravindmani M

Vehicle and Customer Details

Sum of Customer Mobile No

Vehicle: Vehicle Name

BAJAJ: 6.8B
BENZ: 9.1B
HERO: 8.9B
MAHINDRA: 6.9B
ROYAL ENF...: 9.1B
SKODA: 6.8B
TVS: 8.6B

View Report (Vehicle and Customer Details)

16:18
ENG IN 12-04-2023

Vehicle and Customer Details | S +

presidencycollege75-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01Z2w000000fCygEAE/view?queryScope=userFolders

Vehicle Management Accounts Contacts Opportunities Vehicles Drivers Reports Dashboards

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ROYAL ENFIELD: 9.1B
SKODA: 6.8B
TVS: 8.6B

View Report (Vehicle and Customer Details)

16:19
ENG IN 12-04-2023

Trailhead Profile Public URL

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

Team Member 1 - <https://trailblazer.me/id/miths9>

Team Member 2 - <https://trailblazer.me/id/vikra523>

Team Member 3 – <https://trailblazer.me/id/lokej4>

ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- ❖ Customers can see virtually the vehicle that they want.
- ❖ Customers can also understand the vehicle well with the help of another user review.
- ❖ Customer can also sell their vehicle here to another person.
- ❖ Customers can also check out for offers on a particular vehicle.

DISADVANTAGES:

- ❖ They can't touch or feel the vehicle.
- ❖ The data shown can sometimes be fallacious.

APPLICATIONS:

- ❖ The proposal can be used by various other competitor companies to analyze their workflow.
- ❖ people in a remote areas can access this conveniently.
- ❖ Customer can book a test drive of the vehicle

CONCLUSION:

On the whole, it can be concluded that this application is very useful for people who are planning to buy a vehicle in this current situation.

FUTURE SCOPE:

We can give more advanced software for vehicle management systems including more facilities.

We will host the platform on online servers to make accessible worldwide.