

Vehicle management system

Introduction :

The Vehicle Management System using Sales Force is a software application developed to manage an organization's fleet of vehicles efficiently. It stores and manages vehicle information such as make, model, registration, insurance, and maintenance records.

It also tracks vehicle usage and expenses, providing reports and analytics for informed decision-making. The system is user-friendly, with access for authorized personnel, and integrates with existing Sales Force data and workflows. It aims to reduce costs, increase efficiency, and improve decision-making.

Overview:

A vehicle management system using Salesforce is a tool that helps businesses manage their vehicle fleet. It uses Salesforce's features to track vehicle information, maintenance schedules, driver information, and fuel consumption.

The system can be customized to meet the specific needs of each business and can be integrated with other systems to provide a comprehensive solution. This tool helps businesses optimize their fleet operations, reduce costs, and improve overall business performance.

Purpose:

A vehicle management system using Salesforce can be a very useful project for businesses that manage a fleet of vehicles, such as car rental companies, logistics companies, and transportation companies. Here are some of the things that can be achieved with a vehicle management system using Salesforce:

Streamlined vehicle tracking: A vehicle management system using Salesforce can allow businesses to track their vehicles in real-time, helping them to better manage their fleet and make more informed decisions. This can include tracking the location of vehicles, monitoring their fuel usage and mileage, and managing maintenance schedules.

Improved customer service: With a vehicle management system, businesses can provide better customer service to their clients. For example, they can quickly respond to customer inquiries about the status of their vehicle rental or delivery, and provide accurate estimates of delivery times.

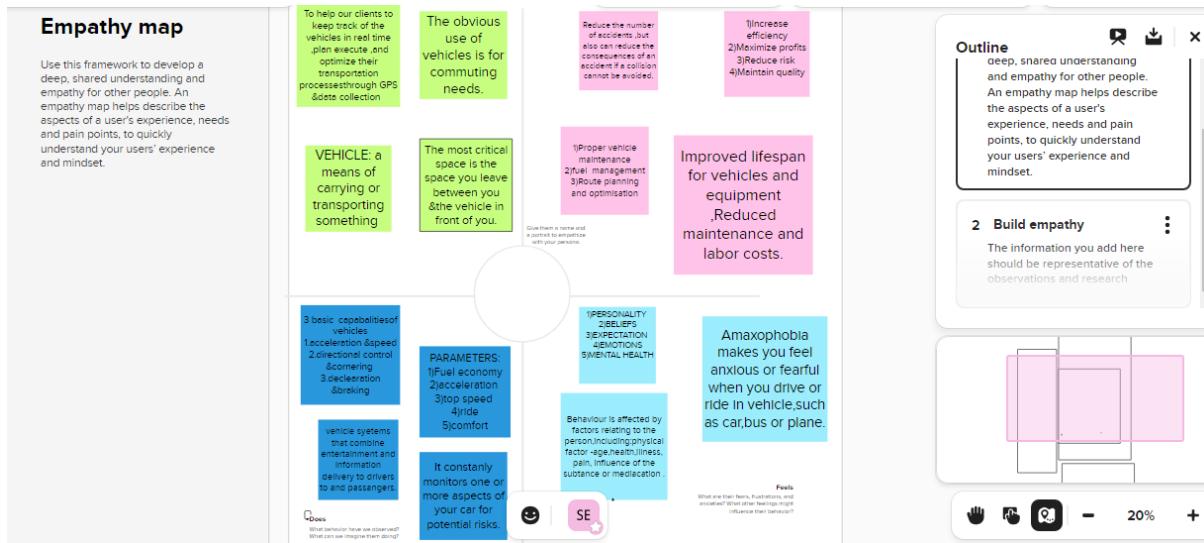
More efficient operations: A vehicle management system can help businesses to optimize their operations, reduce costs, and improve efficiency. For example, they can use data from the system to identify which vehicles are being underutilized, and make adjustments to their fleet as needed.

Better inventory management: A vehicle management system can also help businesses to better manage their inventory of vehicles. They can track the availability of vehicles, manage reservations, and ensure that their fleet is always properly stocked.

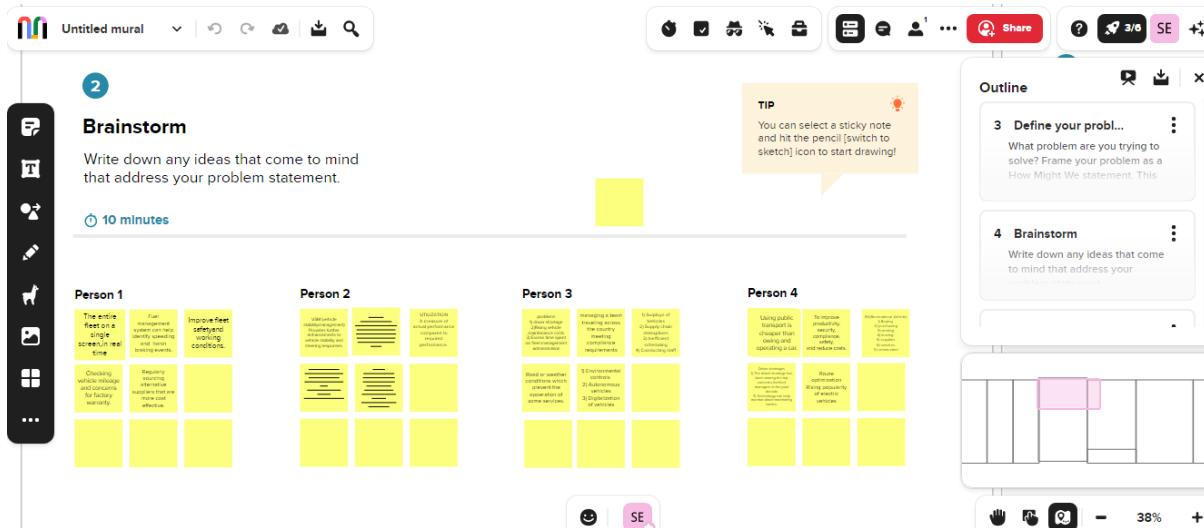
Enhanced reporting and analysis: A vehicle management system can provide businesses with detailed reporting and analysis on their fleet operations. This can include information on vehicle usage, maintenance costs, fuel consumption, and more. By analyzing this data, businesses can make more informed decisions about their fleet management strategies.

Problem Definition & Design Thinking :

Empathy Map:



Ideation & Brainstorming Map :



Result :

3.1 Data Model:

Object name	Fields in the Object	
obj1	Field label	Data type
obj2	Field label	Data type

Activity & Screenshot :

The screenshot shows a web-based project management interface. On the left, there's a sidebar with navigation links: Home, Projects (which is selected and highlighted in blue), and Support. The main content area has tabs at the top: Guided Project, Project Workspace, Chat with Mentor, and Project Manual (which is currently active). A sidebar on the left lists project components under 'Vehicle Management System Using Salesforce': Creation Salesforce Org, Object, Fields And Relationship, Lightning App, Profile, Users, and Reports. The main panel displays a summary of the project: 'Vehicle Management System Using Salesforce'. It includes a brief description: 'Vehicle Management is an application where a customer Details are stored inorder to choose cars, bikes and commercial vehicles for travel with in 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 mails.' Below this is a large, empty text area.

Salesforce Setup Home Page

The screenshot shows the Salesforce Setup Home page. The left sidebar includes links for Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, Administration (Users, Data, Email), and Platform Tools (Subscription Management, Apps). The main content area features three cards: "Get Started with Einstein Bots" (Launch an AI-powered bot to automate your digital connections), "Mobile Publisher" (Use the Mobile Publisher to create your own branded mobile app), and "Real-time Collaborative Docs" (Transform productivity with collaborative docs, spreadsheets, and slides inside Salesforce). A "Most Recently Used" section lists 10 items, and a "Create" button is located in the top right corner.

Salesforce Setup Home Page in a Browser

This screenshot shows the same Salesforce Setup Home page as above, but it is displayed within a web browser window titled "Student". The browser interface includes a back/forward button, refresh, notifications, and a search bar. The setup home content and sidebar are identical to the desktop version.

Screenshot of a web-based project workspace interface:

Project Title : Vehicle Management System using Salesforce
NM Id : 75AD6C468CB4C7EA8984D1E4F4BDD885
Industry Mentor(s) Name : Mentor-Salesforce

Project Progress : 90.00%

GENERAL INSTRUCTION

Demo Link | View Mentor Comments (0) | View Industry Mentor Comments (0)

PROJECT DETAILS : Vehicle Management System Using Salesforce
TASK & PROGRESS : INTERMEDIATE
MENTOR REVIEW

Type here to search

Screenshot of the Salesforce Object Manager interface:

SETUP > OBJECT MANAGER
car

Fields & Relationships

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2 Wheelers	X2_Wheeler_c	Picklist		
4 Wheeler	X4_Wheeler_c	Picklist		
chassic no	chassic_no_c	Text(30)		
colour	colour_c	Text(40)		
condition	condition_c	Picklist		
Created By	CreatedBy	Lookup(User)		
customer mobile number	customer_mobile_number_c	Number(18, 0)		

Screenshot of the Salesforce Setup interface showing the creation of a new custom field for the 'car' object.

The page title is "car | Salesforce" and the URL is "gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0112w000003bKHR/FieldsAndRelationships/new".

The left sidebar shows the "Fields & Relationships" section selected under "car". Other options include Details, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, and List View/Button Layout.

The main content area is titled "New Custom Field" and "Step 1. Choose the field type". It asks to specify the type of information the custom field will contain. The "Data Type" section shows "None Selected" selected. Other options include Auto Number, Formula, Roll-Up Summary, Lookup Relationship, and Master-Detail Relationship. A note for "Lookup Relationship" states: "Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list." A note for "Master-Detail Relationship" states: "Creates a special type of parent-child relationship between this object (the child, or 'detail') and another object (the parent, or 'master') where: • The relationship field is required on all detail records."

The status bar at the bottom shows "09:04 20-04-2023".

Screenshot of the Salesforce Setup interface showing the creation of a new custom object named 'Car'.

The page title is "Object Manager | Salesforce" and the URL is "gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/page?address=%2F01I%2Fe%3FretURL%3D%2Fsetup%2Fobject%2Fmanager".

The left sidebar shows the "Object Manager" section selected under "SETUP". Other options include Home and Object Manager.

The main content area is titled "New Custom Object". A message at the top says: "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](#)".

The "Custom Object Definition Edit" form has the following fields:

- Custom Object Information:**
 - Label: Car (Example: Account)
 - Plural Label: Cars (Example: Accounts)
 - Starts with vowel sound:
- Description:** A large text input field.

At the bottom of the form are "Save", "Save & New", and "Cancel" buttons. A note says "The Object Name is used when referencing the object via the API." with an example of "Car".

The status bar at the bottom shows "09:04 20-04-2023".

The screenshot shows the Salesforce Object Manager setup page. The record name is set to 'Car Name' with a data type of 'Text'. Under 'Optional Features', 'Allow Reports', 'Allow Activities', 'Track Field History', and 'Allow in Chatter Groups' are checked. Under 'Object Classification', 'Allow Sharing', 'Allow Bulk API Access', and 'Allow Streaming API Access' are checked. The status bar at the bottom indicates it's 09:04 on 20-04-2023.

Record Name: Car Name

Data Type: Text

Optional Features:

- Allow Reports
- Allow Activities
- Track Field History
- Allow in Chatter Groups
- Enable Licensing: [i](#)

Object Classification:

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

This screenshot is identical to the one above, showing the Object Manager setup page for the 'Car Name' object. The configuration remains the same, including the checked optional features and object classifications.

Record Name: Car Name

Data Type: Text

Optional Features:

- Allow Reports
- Allow Activities
- Track Field History
- Allow in Chatter Groups
- Enable Licensing: [i](#)

Object Classification:

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

Student - Vehicle_Management_System_us | Home | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/SetupOneHome/home

Setup Home

Object Manager

Most Recently Used

NAME	TYPE	OBJECT
Customer name	Custom Field Definition	car
starting time	Custom Field Definition	car
seats	Custom Field Definition	car
mileage	Custom Field Definition	car
colour	Custom Field Definition	car
vehicle no	Custom Field Definition	car
vehicle name	Custom Field Definition	car
condition	Custom Field Definition	car
customer mobile number	Custom Field Definition	car
Customer name	Custom Field Definition	car

Type here to search

Windows Taskbar: File, e-mail, File Explorer, Task View, Google Chrome, Microsoft Edge, File History, Task Scheduler, Task Manager, File Explorer, Task View, Google Chrome, Microsoft Edge, File History, Task Scheduler, Task Manager

System Clock: 09:08 20-04-2023

Student - Vehicle_Management_System_us | driver | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0112w000003bKMS/FieldsAndRelationships/view

Setup > Object Manager

driver

Details

Fields & Relationships

9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
car	travelling__c	Lookup(car)		✓
Created By	CreatedBy	Lookup(User)		
driver name	driver_name__c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		
Last Modified By	LastModifiedBy	Lookup(User)		
licence no	licence_no__c	Text(10)		
mobile no	mobile_no__c	Number(10, 0)		

Type here to search

Windows Taskbar: File, e-mail, File Explorer, Task View, Google Chrome, Microsoft Edge, File History, Task Scheduler, Task Manager, File Explorer, Task View, Google Chrome, Microsoft Edge, File History, Task Scheduler, Task Manager

System Clock: 09:12 20-04-2023

Student - Vehicle_Management_System_us | student | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bOhW/FieldsAndRelationships/view

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER student

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

Fields & Relationships 5 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
student name	student_name__c	Text(30)		▼
student Name	Name	Text(80)		✓

Type here to search

09:12 20-04-2023

Student - Vehicle_Management_System_us | driver | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKMS/FieldsAndRelationships/view

Setup Home Object 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

Fields & Relationships 9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
car	travelling__c	Lookup(car)		✓
Created By	CreatedById	Lookup(User)		
driver name	driver_name__c	Text(10)		▼
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		▼
Last Modified By	LastModifiedById	Lookup(User)		▼
licence no	licence_no__c	Text(10)		▼
mobile no	mobile_no__c	Number(10, 0)		▼

Type here to search

09:12 20-04-2023

Student - Vehicle_Management_System_us | Reports | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/o/Report/home?queryScope=mru

Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups More

Reports Recent 5 items

REPORTS

	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Vehicle and customer details		Private Reports	SANDHIYA ELANGOVAN	14/3/2023, 9:33 am	
Created by Me	Copy of New Accounts Report		Private Reports	SANDHIYA ELANGOVAN	13/3/2023, 7:47 pm	
Private Reports	New Accounts Report		Private Reports	SANDHIYA ELANGOVAN	13/3/2023, 7:47 pm	
Public Reports	sandhiya		Private Reports	SANDHIYA ELANGOVAN	13/3/2023, 7:42 pm	
All Reports	New Accounts Report		Private Reports	SANDHIYA ELANGOVAN	13/3/2023, 12:53 pm	

FOLDERS

- All Folders
- Created by Me
- Shared with Me

FAVORITES

- All Favorites

To Do List

Type here to search

Windows Start button

09:14 ENG 20-04-2023

Student - Vehicle_Management_System_us | Dashboards | Salesforce

gacwsalem-c-dev-ed.lightning.force.com/lightning/o/Dashboard/home?queryScope=mru

Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups More

Dashboards Recent 1 item

DASHBOARDS

	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Vehicle and Customer Details		Private Dashboards	SANDHIYA ELANGOVAN	14/3/2023, 9:35 am	

FOLDERS

- All Folders
- Created by Me
- Shared with Me

FAVORITES

- All Favorites

To Do List

Type here to search

Windows Start button

09:14 ENG 20-04-2023

Project - Student | Vehicle_Management | Users | Salesforce | Sandhiya Elangovan - | New Tab | naanmudhalvan smart | + | - | X

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ManageUsers/home

Setup Home Object Manager

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

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Chatter Expert	Chatter	chatty_00d2w00000rnweea5.uauvx3973jm@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>	Elangovan	sandy	sandhiya@elangovan174@gmail.com	Western Sales Team	<input checked="" type="checkbox"/>	Custom: Sales Profile
<input type="checkbox"/>	Elangovan	sandy	sandy@physics.com	Western Sales Team	<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/>	ELANGOVAN_SANDHIYA	SELAN	sandhiya@physics.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>	User_Integration	integ	integration@00d2w00000rnweea5.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	User_Security	sec	insightssecurity@00d2w00000rnweea5.com		<input checked="" type="checkbox"/>	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.

Student | Vehicle_Management | Profiles | Salesforce | Sandhiya Elangovan - | New Tab | naanmudhalvan smart | + | - | X

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/home

Setup Home Object Manager

Profiles

All Profiles

Did you mean: All Profiles | Edit | Delete | Create New View

Action	Profile Name	User License	Custom
<input type="checkbox"/>	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/>	Analytics Cloud Security User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/>	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/>	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/>	Chatter External User	Chatter External	<input type="checkbox"/>
<input type="checkbox"/>	Chatter Free User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/>	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/>	Contact Manager	Salesforce	<input type="checkbox"/>
<input type="checkbox"/>	Cross_Org_Data_Proxy_User	XOrg Proxy User	<input type="checkbox"/>
<input type="checkbox"/>	Custom_Marketing_Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Custom_Sales_Profile	Salesforce	<input checked="" type="checkbox"/>

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

https://gacwsalem-c-dev-ed.lightning.force.com/one/one.app#/setup/EnhancedProfiles/home

Type here to search

0 Selected

Page 1 of 2

09:24 20-04-2023

Student | Vehicle_Management | App Manager | Salesf | Sandhiya Elangovan - | New Tab | naanmudhalvan smart | + | - | X

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

Cloud icon | Search Setup | Home | Object Manager | Setup

Q app

Salesforce Mobile App

Mass Transfer Approval Requests

Apps

App Manager

AppExchange Marketplace

Connected Apps

Connected Apps OAuth Usage

Manage Connected Apps

Lightning Bolt

Flow Category

Lightning Bolt Solutions

Mobile Apps

Salesforce

SETUP Lightning Experience App Manager

New Lightning App | New Connected App

Clone Apps(Beta)

Quickly create new Lightning apps by cloning existing apps. To use the beta feature, indicate that you've read all legal requirements and agree to participate by toggling Enable App Cloning. See additional details and terms in the Winter '23 release notes

Enable App Cloning: Disabled

23 items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type

	App Name ↑	Developer Name	Description	Last Modified ...	Ap...	Vi...
1	All Tabs	AllTabSet	Build CRM Analytics dashboards and apps	07/03/2023, 2:30 pm	Classic	✓
2	Analytics Studio	Insights	Build CRM Analytics dashboards and apps	07/03/2023, 2:30 pm	Classic	✓
3	App Launcher	AppLauncher	App Launcher tabs	07/03/2023, 2:30 pm	Classic	✓
4	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your in...	07/03/2023, 2:32 pm	Lightning	✓
5	Community	Community	Salesforce CRM Communities	07/03/2023, 2:30 pm	Classic	✓

Type here to search | E | M | F | A | V | G | R | P | S | X

https://gacwsalem-c-dev-ed.develop.lightning.force.com/one/app#/setup/NavigationMenus/home

09:25 20-04-2023

Student | Vehicle_Management | App Manager | Salesf | Sandhiya Elangovan - | New Tab | naanmudhalvan smart | + | - | X

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

Cloud icon | Search Setup | Home | Object Manager | Setup

Q app

Salesforce

Data

Mass Transfer Approval Requests

Apps

App Manager

AppExchange Marketplace

Connected Apps

Connected Apps OAuth Usage

Manage Connected Apps

Lightning Bolt

Flow Category

Lightning Bolt Solutions

Mobile Apps

Salesforce

Salesforce Branding

New Lightning App

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: Name your app...

* Developer Name: Enter a developer name...

Description: Enter a description...

App Branding

Image: Upload

Primary Color Hex: #0070D2

Org Theme Options: [Slider]

Next

Type here to search | E | M | F | A | V | G | R | P | S | X

09:25 20-04-2023

The screenshot shows the Lightning Experience App Manager interface. At the top, there's a search bar with 'Search Setup' and a navigation bar with 'Setup', 'Home', and 'Object Manager'. Below the navigation is a sidebar with a search bar for 'app manager' and a 'Clone Apps(Beta)' section. This section contains a note about quickly creating new Lightning apps by cloning existing ones, a toggle switch for 'Enable App Cloning' (which is disabled), and a table listing 23 items. The table columns are 'App Name', 'Developer Name', 'Description', 'Last Modified ...', 'Ap...', and 'Vi...'. The items listed are:

App Name	Developer Name	Description	Last Modified ...	Ap...	Vi...
1 All Tabs	AllTabSet	Build CRM Analytics dashboards and apps	07/03/2023, 2:30 pm	Classic	✓
2 Analytics Studio	Insights	Build CRM Analytics dashboards and apps	07/03/2023, 2:30 pm	Classic	✓
3 App Launcher	AppLauncher	App Launcher tabs	07/03/2023, 2:30 pm	Classic	✓
4 Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your in...	07/03/2023, 2:32 pm	Lightning	✓
5 Community	Community	Salesforce CRM Communities	07/03/2023, 2:30 pm	Classic	✓

This screenshot shows the same Lightning Experience App Manager interface, but with a different sidebar. The sidebar now includes 'Quick Find' and a list of administrative and platform tools categories: 'Setup Home', 'Service Setup Assistant', 'Multi-Factor Authentication Assistant', 'Release Updates', 'Lightning Experience Transition Assistant', 'Salesforce Mobile App', 'Lightning Usage', 'Optimizer', 'ADMINISTRATION' (with 'Users', 'Data', 'Email' under it), and 'PLATFORM TOOLS' (with 'Subscription Management', 'Apps' under it). The rest of the interface is identical to the first screenshot, showing the 'Clone Apps(Beta)' section and the list of 23 items.

Object Manager					
LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Account	Account	Standard Object			
Activity	Activity	Standard Object			
Alternative Payment Method	AlternativePaymentMethod	Standard Object			
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object			
Appointment Invitation	AppointmentInvitation	Standard Object			
Appointment Invitee	AppointmentInvitee	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			
Asset Action	AssetAction	Standard Object			
Asset Action Source	AssetActionSource	Standard Object			
Asset Relationship	AssetRelationship	Standard Object			
javascript:void(0);					
Object Manager					
LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Opportunity	Opportunity	Standard Object			
Opportunity Contact Role	OpportunityContactRole	Standard Object			
Opportunity Product	OpportunityLineItem	Standard Object			
Order	Order	Standard Object			
Order Product	OrderItem	Standard Object			
Party Consent	PartyConsent	Standard Object			
Payment	Payment	Standard Object			
Payment Authorization	PaymentAuthorization	Standard Object			
Payment Authorization Adjustment	PaymentAuthAdjustment	Standard Object			
Payment Gateway	PaymentGateway	Standard Object			
Payment Group	PaymentGroup	Standard Object			
Payment Line Invoice	PaymentLineInvoice	Standard Object			
javascript:void(0);					

The screenshot shows the Salesforce Setup interface with the title 'New Custom Object'. The page includes a message about permissions being disabled by default, a 'Custom Object Definition Edit' section with tabs for 'Save', 'Save & New', and 'Cancel', and a 'Custom Object Information' section. The 'Label' field is set to 'Account' and the 'Plural Label' is set to 'Accounts'. The 'Object Name' field is also set to 'Account'. A 'Description' text area is present. The browser's address bar shows the URL 'gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/new'. The operating system taskbar at the bottom shows various open applications like Student, Vehicle_Manager, and Sandhiya_Elango.

Student | Vehicle_Manage | Vehicle_Manage | Profiles | Salesforce | Sandhiya Elango | New Tab | Google | naanmudhalvan | + | - | X

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/EnhancedProfiles/home

Cloud icon | Search Setup | Home | Object Manager | Help for this Page ?

Setup | Home | Object Manager | Profiles

Search: profi

Users | Profiles

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

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 Clone	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
<input checked="" type="checkbox"/> Edit Clone	Analytics Cloud Security User	Analytics Cloud Security User	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter External User	Chatter External	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter Free User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Contact Manager	Salesforce	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Cross_Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Custom Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Custom Sales Profile	Salesforce	<input checked="" type="checkbox"/>

1-25 of 41 | Selected | Previous | Next | Page 1 of 2

Type here to search | e | Mail | Google | naanmudhalvan | 09:32 20-04-2023 | X

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005%2Fe%3FretURL%3D%252F005%253FisUserEntityOverride...

Cloud icon | Search Setup | Home | Object Manager | Help for this Page ?

Setup | Home | Object Manager | Users

Search: users

Users | Users

Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users

Feature Settings | Data.com | Prospectors | Users

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

Help for this Page ?

New User

User Edit | Save | Save & New | Cancel

General Information | * = Required Information

First Name	Last Name	Role
sandhiya	selvi	<None Specified>
s	sandy	Work.com Only
		Work.com Only User
		Active
		Marketing User
		Offline User
		Knowledge User
		Flow User
		Service Cloud User
		Site.com Contributor User
		Site.com Publisher User
		WDC User
		Data.com User Type

The screenshot displays two distinct web applications side-by-side.

Left Application (Salesforce Setup Home):

- Header:** Search bar with "Search Setup".
- Left Sidebar:** "Reports" section under "Analytics" and "Reports & Dashboards".
- Content Area:**
 - Get Started with Einstein Bots:** Launch an AI-powered bot to automate digital connections.
 - Mobile Publisher:** Use the Mobile Publisher to create your own branded mobile app.
 - Real-time Collaboration:** Transform productivity with collaborative spreadsheets and slides inside Salesforce.
- Bottom:** "Most Recently Used" list with 10 items, a toolbar with icons for various apps, and a system status bar showing "09:37 20-04-2023".

Right Application (Project Management):

- Header:** "Smart Internz" logo and navigation menu with "Home", "Projects" (selected), and "Support".
- Content Area:**
 - Project Details:** Project Title: Vehicle Management System using Salesforce, NM Id: 75AD6C468CB4C7EA8984D1E4F4BDD885, Industry Mentor(s) Name: Mentor-Salesforce, Project Progress: 90.00% (highlighted with a green circle).
 - General Instruction:** Buttons for "Demo Link", "View Mentor Comments" (0), and "View Industry Mentor Comments" (0).
 - Project Details:** "Vehicle Management System Using Salesforce".
 - Task & Progress:** "INTERMEDIATE".
 - Mentor Review:** Not visible in the screenshot.

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKHR/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER car

Details

Fields & Relationships

20 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
2 Wheelers	X2_Wheeler_c	Picklist		
4 Wheeler	X4_Wheeler_c	Picklist		
chassic no	chassic_no_c	Text(30)		
colour	colour_c	Text(40)		
condition	condition_c	Picklist		
Created By	CreatedById	Lookup(User)		
customer mobile number	customer_mobile_number_c	Number(18, 0)		

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKHR/FieldsAndRelationships/new

Setup Home Object Manager

SETUP > OBJECT MANAGER car

Details

Fields & Relationships

New Custom Field

Step 1. Choose the field type

Specify the type of information that the custom field will contain.

Data Type

None Selected Select one of the data types below.

Auto Number A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.

Formula A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.

Roll-Up Summary A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.

Lookup Relationship Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.

Master-Detail Relationship Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:

- The relationship field is required on all detail records.

gacwsalem-c-dev-ed.lightning.force.com/lightning/setup/ObjectManager/page?address=%2F01%2Fe%3FretURL%3D%2Fsetup%2Fobject%2Fmanager

Setup Home Object Manager

Object Manager

New Custom Object

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

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

Label: Car Example: Account

Plural Label: Cars Example: Accounts

Starts with vowel sound

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

Object Name: Car Example: Account

Description:

Context-Sensitive Help Setting Open the standard Salesforce.com Help & Training window

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/page?address=%2F01%2Fe%3FretURL%3D%2Fsetup%2Fobject%2Fmanager

Object Manager

Context-Sensitive Help Setting
 Open the standard Salesforce.com Help & Training window
 Open a window using a Visualforce page
Content Name:

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 [\(i\)](#)

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

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/page?address=%2F01%2Fe%3FretURL%3D%2Fsetup%2Fobject%2Fmanager

Object Manager

Enable Licensing [\(i\)](#)

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

Search Status
When this setting is enabled, your users can find records of this object type when they search. [Learn more.](#)
 Allow Search

Object Creation Options (Available only when custom object is first created)
 Add Notes and Attachments related list to default page layout
 Launch New Custom Tab Wizard after saving this custom object

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/SetupOneHome/home

Most Recently Used
10 items

NAME	TYPE	OBJECT
Customer name	Custom Field Definition	car
starting time	Custom Field Definition	car
seats	Custom Field Definition	car
mileage	Custom Field Definition	car
colour	Custom Field Definition	car
vehicle no	Custom Field Definition	car
vehicle name	Custom Field Definition	car
condition	Custom Field Definition	car
customer mobile number	Custom Field Definition	car
Customer name	Custom Field Definition	car

Fields & Relationships				
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
student name	student_name_c	Text(30)		
student Name	Name	Text(80)		✓

Fields & Relationships				
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
car	travelling_c	Lookup(car)		✓
Created By	CreatedById	Lookup(User)		
driver name	driver_name_c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour_c	Text(15)		
Last Modified By	LastModifiedById	Lookup(User)		
licence no	licence_no_c	Text(10)		
mobile no	mobile_no_c	Number(10,0)		

VW

Student | Vehicle_Management_System_U | driver | Salesforce

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKMS/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER
driver

Details

Fields & Relationships
9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
car	travelling__c	Lookup(car)		✓
Created By	CreatedById	Lookup(User)		
driver name	driver_name__c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		
Last Modified By	LastModifiedById	Lookup(User)		
licence no	licence_no__c	Text(10)		
mobile no	mobile_no__c	Number(10, 0)		

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Page Layouts Lightning Record Pages Buttons, Links, and Actions Compact Layouts Field Sets Object Limits Record Types Related Lookup Filters Search Layouts

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKMS/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER
driver

Details

Fields & Relationships
9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
car	travelling__c	Lookup(car)		✓
Created By	CreatedById	Lookup(User)		
driver name	driver_name__c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		
Last Modified By	LastModifiedById	Lookup(User)		
licence no	licence_no__c	Text(10)		
mobile no	mobile_no__c	Number(10, 0)		

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Page Layouts Lightning Record Pages Buttons, Links, and Actions Compact Layouts Field Sets Object Limits Record Types Related Lookup Filters Search Layouts

gacwsalem-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w000003bKMS/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER
driver

Details

Fields & Relationships
9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
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Created By	CreatedById	Lookup(User)		
driver name	driver_name__c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		
Last Modified By	LastModifiedById	Lookup(User)		
licence no	licence_no__c	Text(10)		

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Page Layouts Lightning Record Pages Buttons, Links, and Actions Compact Layouts Field Sets Object Limits Record Types Related Lookup Filters Search Layouts

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Fields & Relationships				
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driver name	driver_name__c	Text(10)		
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Fields & Relationships				
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driver name	driver_name__c	Text(10)		
driver Name	Name	Text(80)		✓
fair per hour	fair_per_hour__c	Text(15)		
Last Modified By	LastModifiedById	Lookup(User)		
licence no	licence_no__c	Text(10)		

naanmudhalvan.smartinternz.com/Student/guided_project_workspace/8312

Smart Internz

Home Projects Support

Guided Project Project Workspace Chat with Mentor

Project Title : Vehicle Management System using Salesforce
 NM Id : 75AD6C468CB4C7EA8984D1E4F4BDD885
 Industry Mentor(s) Name : Mentor-Salesforce

Project Progress 90.00%

GENERAL INSTRUCTION SHOW

Demo Link 0 View Mentor Comments 0 View Industry Mentor Comments

PROJECT DETAILS PROJECT & PROGRESS MENTOR REVIEW

Vehicle Management System Using Salesforce INTERMEDIATE

Trailhead profile public URL:

Team lead – <http://trailblazer.me/id/selangovan18>

Team member 1 – <http://trailblazer.me/id/abind73>

Team member 2 – <http://trailblazer.me/id/kanis162>

Team member 3 – <http://trailblazer.me/id/dvediyappan>

Advantage :

Customization: Salesforce is highly customizable and can be tailored to meet specific business needs. This means that a vehicle management system can be built to meet the unique requirements of an organization.

Scalability: Salesforce is a cloud-based solution, which means that it can easily scale up or down depending on the needs of the organization. This makes it a great option for a growing business.

Integration: Salesforce can be easily integrated with other systems such as ERP, accounting software, and other third-party applications. This allows for seamless data flow between systems, reducing manual data entry and improving accuracy.

Reporting: Salesforce provides robust reporting capabilities, allowing for real-time visibility into vehicle usage, maintenance schedules, and other key performance indicators.

Mobility: Salesforce is accessible from anywhere with an internet connection, which makes it a great option for mobile workforces.

Disadvantages :

Cost: Salesforce can be expensive, especially for small businesses. The cost of licenses, customization, and ongoing maintenance can add up quickly.

Learning curve: Salesforce is a complex system that can take time to learn and master. This may require additional training and support for users.

Dependence on internet connectivity: Since Salesforce is cloud-based, it is dependent on internet connectivity. This can be a disadvantage in areas with poor internet connectivity or during internet outages.

Limited offline access: Salesforce is designed to be used online, which means that there is limited offline access. This may be a disadvantage for organizations that require constant access to their vehicle management system.

Data security concerns: As a cloud-based solution, there may be concerns around data security and privacy. Organizations must ensure that their data is secure and comply with data protection regulations.

Applications :

To develop a vehicle management system using Salesforce project applications, you need to:

1. Identify business requirements
2. Choose Salesforce applications
3. Develop a data model
4. Design the user interface
5. Integrate with third-party systems
6. Test and deploy the system
7. Train users.

Conclusion:

The Vehicle Management System (VMS) project using Salesforce has successfully automated the vehicle management process. The system has a user-friendly interface and integrates with other systems like Salesforce CRM.

The VMS project has improved efficiency, reduced time and effort, and improved customer experience. Future improvements can include predictive maintenance and real-time monitoring and expansion to include other types of vehicles.

Future scope:

A vehicle management system using Salesforce can have a significant future scope as it has the potential to streamline and optimize various business processes related to vehicle management.

Some possible future scope of such a system could include:

Enhanced Customer Experience: A vehicle management system on Salesforce can provide a better customer experience by allowing customers to easily track the status of their vehicles and receive real-time updates on repair and maintenance work.

Improved Service Efficiency: With Salesforce's automation capabilities, a vehicle management system can automate tasks like scheduling maintenance, managing inventory, and tracking work orders. This can help service centers become more efficient and reduce service turnaround times.

Better Data Management: A vehicle management system can help collect and analyze data related to vehicle performance, maintenance history, and customer feedback. This can provide valuable insights to service centers and help them make data-driven decisions.

Increased Revenue: With the ability to track vehicle performance and maintenance history, a vehicle management system can help service centers identify opportunities to sell additional services to customers.

Scalability: A vehicle management system built on Salesforce can easily scale to accommodate the growing needs of a business. As the business expands and more vehicles are added to the fleet, the system can be expanded to handle the increased workload.