

SALESFORCE ASSOCIATE

VEHICLE MANAGEMENT SYSTEM
USING SALESFORCE

INTRODUCTION

1.1 Overview

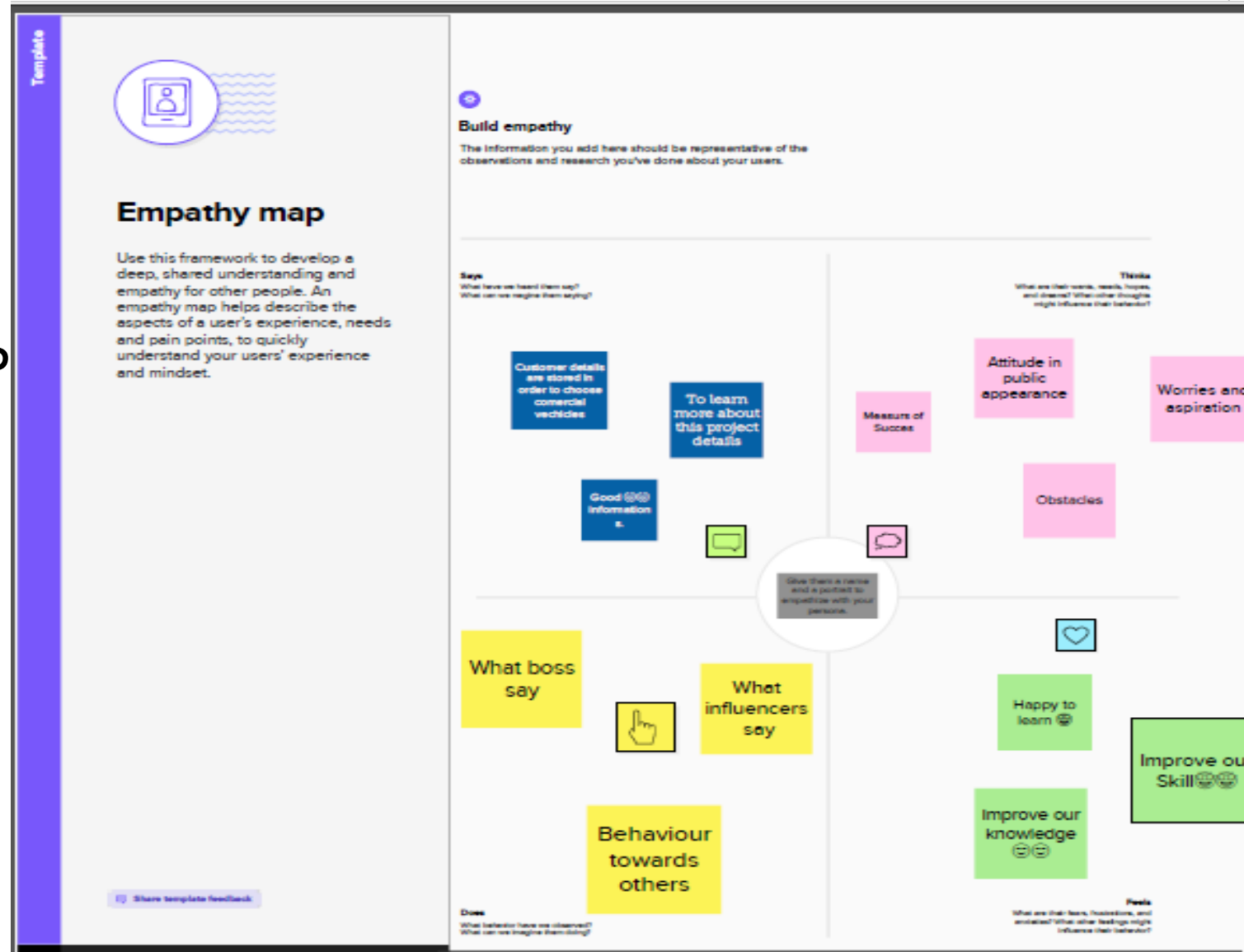
Vehicle Management is an application where a customer Details are stored inorder to choose cars, bikes and commercial vehicles for travel with in the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are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

1.2 *PURPOSE*


- ▶ vehicle management system is a software system or platform .
- ▶ That serves to manage commercial fleets of vehicles, such as cars, vans or trucks.
- ▶ Even heavy equipment .
- ▶ To ensure they're utilized safely, efficiently and professionally, while making sure they're well maintained and high-performing.

2 . PROBLEM DEFINITION AND DESIGN THINKING

2.1 EMPATHY MAP



2.2 IDIATION AND BRAINSTORMING MAP



Brainstorm & Idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 1 Worksheet in progress
- 2 Ideas in progress
- 3 Ideas in progress

How to use this template

Start your session by writing down the problem you're trying to solve. Then, use the worksheet to brainstorm ideas and prioritize them.

Before you collaborate

A little bit of preparation goes a long way when it comes to brainstorming. Here's what you need to do to get going.

- 1. **Set the goal**
Think about the problem you're trying to solve and what you want to achieve.
- 2. **Set the rules**
Establish ground rules for your session, such as no criticism and no self-censoring.
- 3. **Set the time**
Allocate a specific time for your session, ideally 30-60 minutes.

Open worksheet

Define your problem statement

What problem are you trying to solve? Frame your problem as a clear, specific statement. This will be the focus of your brainstorm.

Write down your problem statement in the box below.

How to use this template

Write down your problem statement in the box below. Then, use the worksheet to brainstorm ideas and prioritize them.

Brainstorm

Write down any ideas that come to mind to solve the problem you've defined.

How to use this template

Write down your ideas in the boxes below. Each box is for a different perspective or angle on the problem.

Perspective 1	Perspective 2	Perspective 3	Perspective 4

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Group ideas

Take some time to group your ideas into clusters of similar concepts. This will help you see patterns and identify the most promising ideas.

How to use this template

Write down your ideas in the boxes below. Then, use the worksheet to group your ideas into clusters.

Prioritize

Now it's time to evaluate your ideas. Use the grid below to rank each idea based on its potential impact and feasibility.

How to use this template

Write down your ideas in the boxes below. Then, use the grid to rank each idea. The grid is divided into four quadrants: High Impact/High Feasibility, High Impact/Low Feasibility, Low Impact/High Feasibility, and Low Impact/Low Feasibility.

High Impact / High Feasibility	High Impact / Low Feasibility	Low Impact / High Feasibility	Low Impact / Low Feasibility

After you collaborate

You can export the results of your session as a PDF or print them out for your team to review. You can also use the results to inform your next steps.

How to use this template

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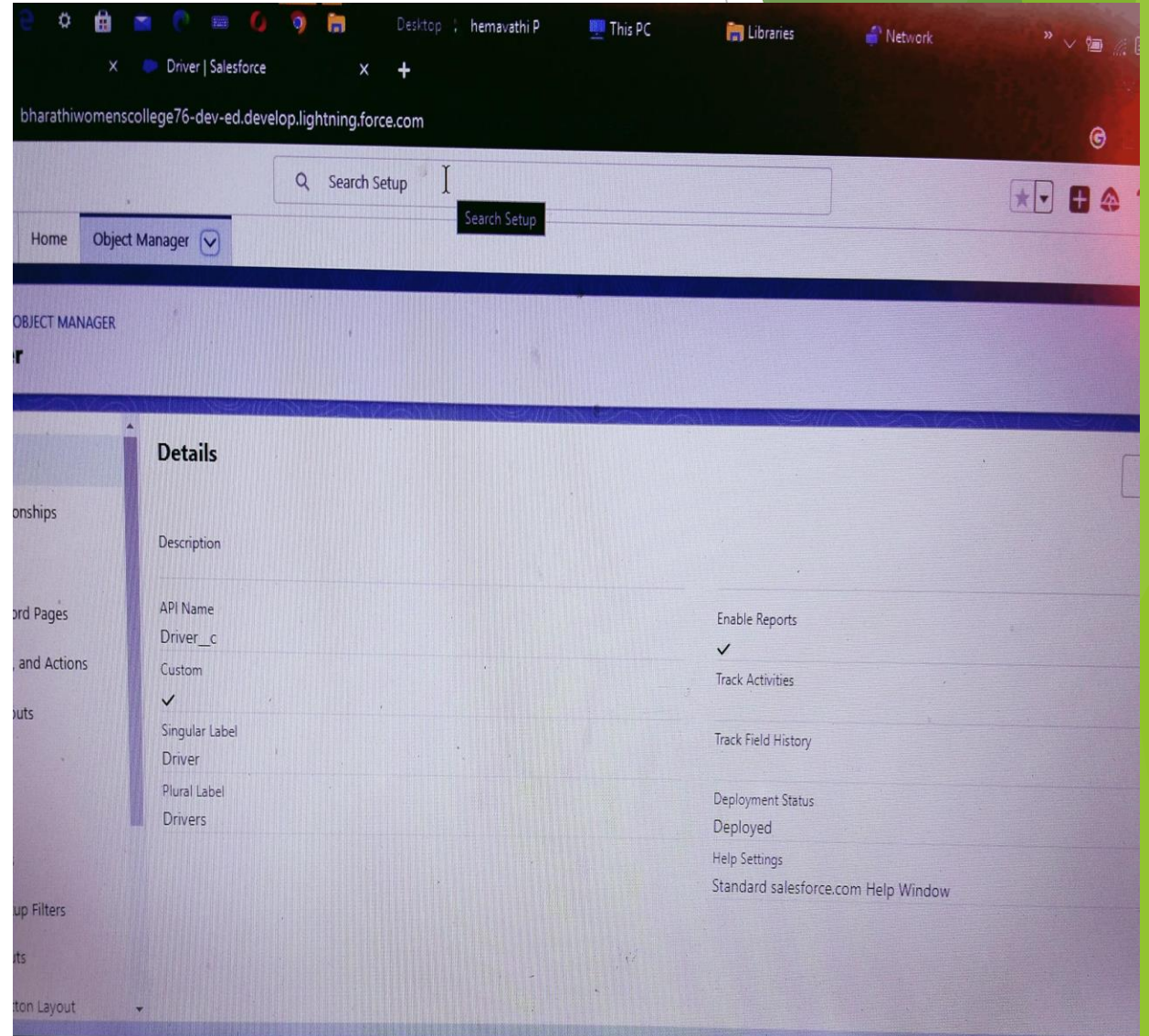
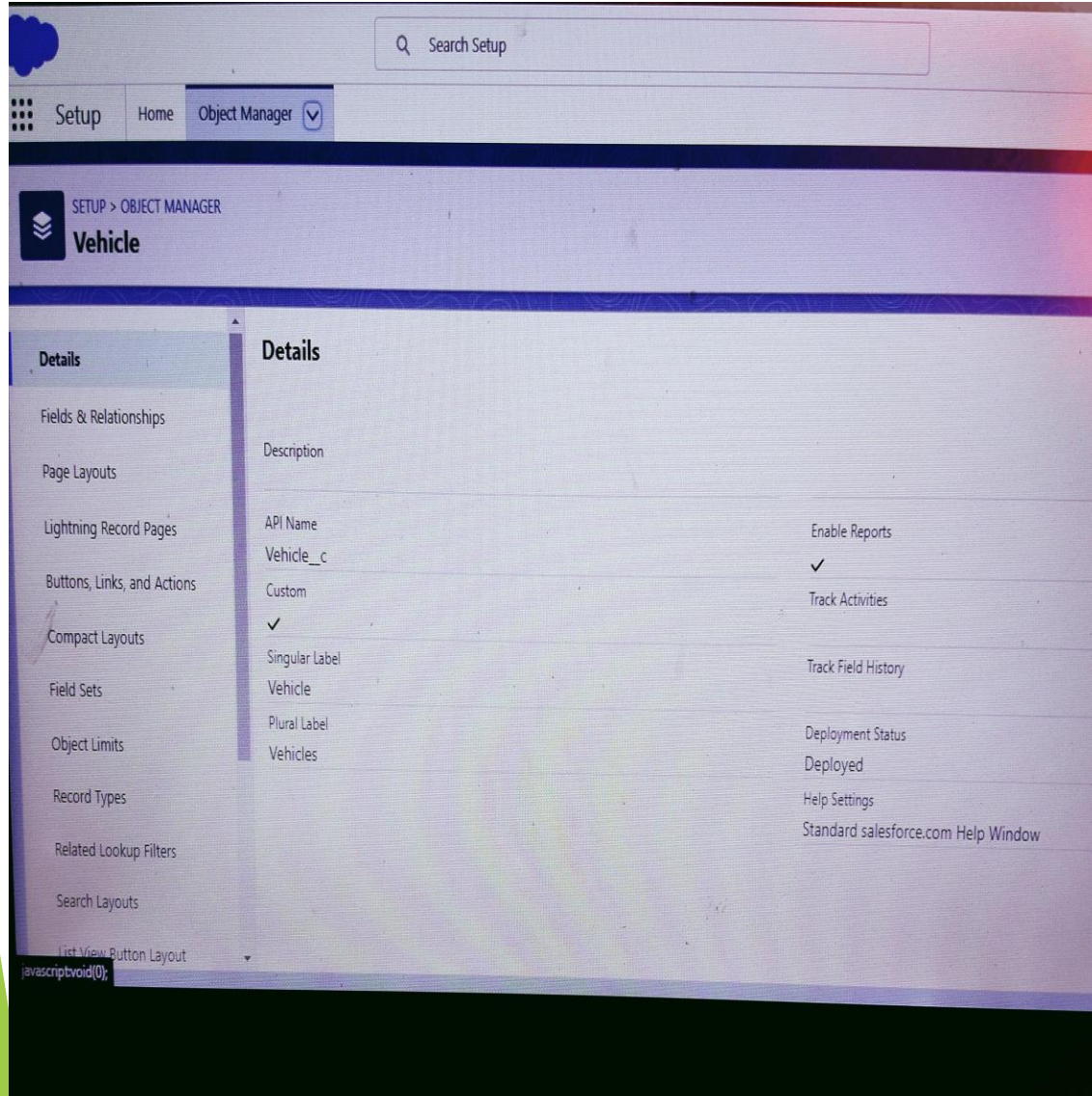
3 .RESULT

3.1 Data Model

OBJECT NAME	FIELDS IN THE OBJECT (FIELD LABEL)	FIELDS IN THE OBJECT (DATA TYPE)
1 . VEHICLES	1.Customer Name 2.Customer No 3.Vehicle Type 4.2 and 4 Wheelers 5.Vehicle Name 6. Vehicle No 7.Chassic No 8.Start date ,End date 9.Opportunity	1.Text 2.Number 3.Picklist 4.Picklist 5.Text 6.Text 7.Text 8.Date and Time 9.Lookup (oppertunities)
2 . DRIVER	1.Driver Name 2.Licence No 3.Mobile No 4.Fair Per Hour 5.Vehicle	1.Text 2.Text 3.Number 4.Text 5.Lookup(vehicle)

3.2 Activity And Screenshot

- ▶ Milestone 1
- ▶ We create a vehicle ,driver object



2. We are creating a field and relationship following the project manual steps.

Fields & Relationships
20 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLER
Body Type	Body_Type__c	Text(20)	
Chassic No	Chassic_No__c	Text(20)	
Colour	Colour__c	Text(20)	
Conditions	Conditions__c	Picklist	
Created By	CreatedBy	Lookup(User)	
Customer Mobile No	Customer Mobile No		

Fields & Relationships
9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLER
Created By	CreatedBy	Lookup(User)	
Driver Name	Driver_Name__c	Text(15)	
Driver Name	Name	Text(80)	
Fair Per Hour	Fair_Per_Hour__c	Text(10)	
Last Modified By	LastModifiedBy	Lookup(User)	
Licence No	Licence_No__c	Text(20)	
Mobile No	Mobile_No__c	Number(10, 0)	
Owner	OwnerId	Lookup(User, Group)	

4. Creating a Lightning App

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Search Setup

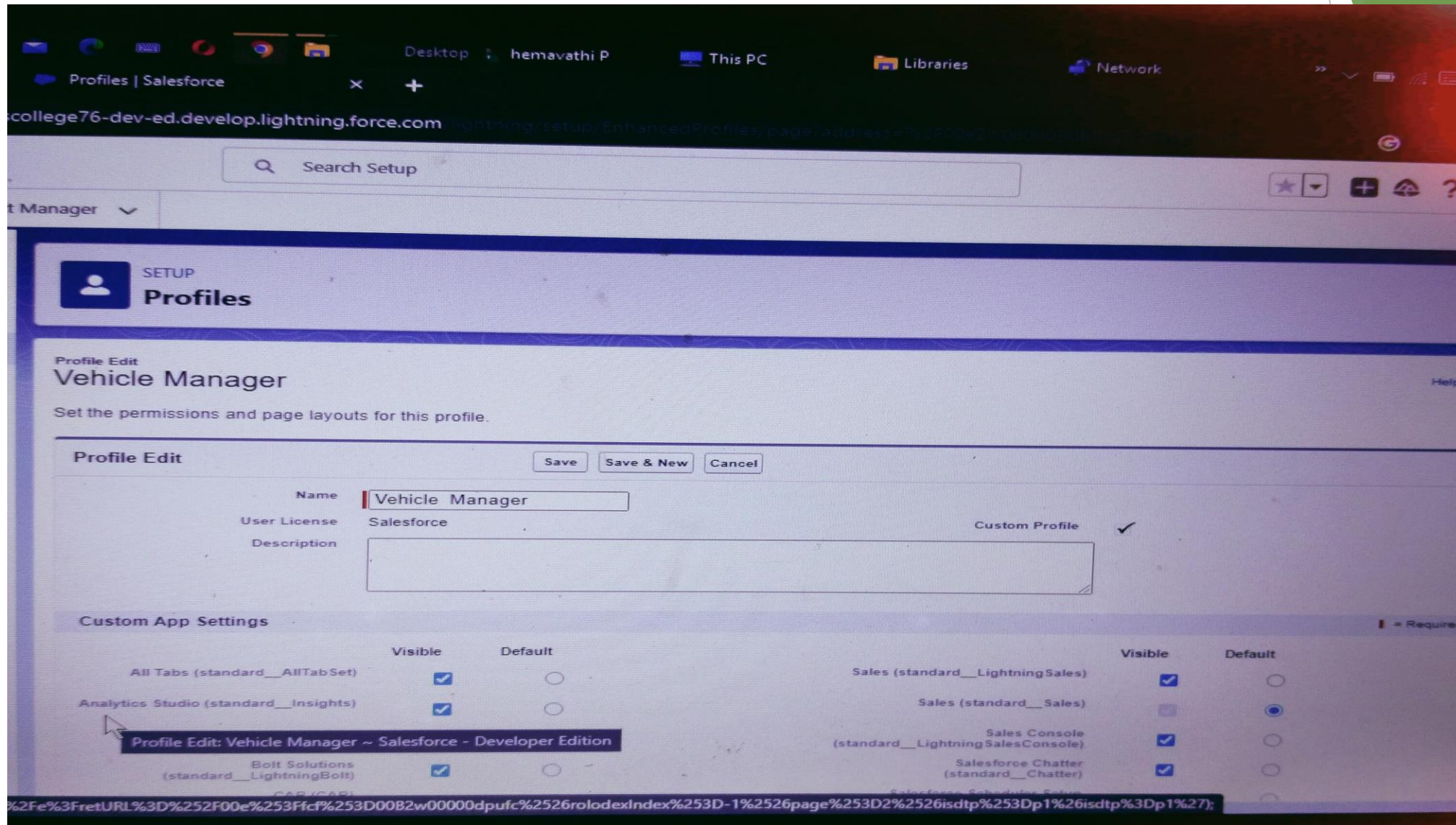
Object Manager

Enable App Cloning ☐ Disabled

30 items • Sorted by Visible in Lightning Experience • Filtered by All appmenuitems - TabSet Type

	App Name	Developer Name	Description	Last Modified ...	App Type	V. ↓	
1	Sales	LightningSales	Manage your sales process with account...	16/03/2023, 7:36 pm	Lightning	✓	▼
2	Service Console	LightningService	(Lightning Experience) Lets support age...	16/03/2023, 7:32 pm	Lightning	✓	▼
3	Sales Console	LightningSalesConsole	(Lightning Experience) Lets sales reps w...	16/03/2023, 7:32 pm	Lightning	✓	▼
4	CAR	CAR		06/04/2023, 8:17 pm	Lightning	✓	▼
5	Vehicle Management	Vehicle_Management		07/04/2023, 12:39 p...	Lightning	✓	▼
6	Queue Management	QueueManagement	Create and manage queues for your bu...	16/03/2023, 7:32 pm	Lightning	✓	▼
7	Subscription Management	RevenueCloudConsole	Get started automating your revenue p...	16/03/2023, 7:32 pm	Lightning	✓	▼
8	Data Manager	DataManager	Use Data Manager to view limits, monit...	16/03/2023, 7:32 pm	Lightning	✓	▼
9	Digital Experiences	SalesforceCMS	Manage content and media for all of yo...	16/03/2023, 7:32 pm	Lightning	✓	▼
10	Service	Service	Manage customer service with account...	16/03/2023, 7:32 pm	Classic	✓	▼
11	Marketing	Marketing	Best-in-class on-demand marketing aut...	16/03/2023, 7:32 pm	Classic	✓	▼
12	App Launcher	AppLauncher	App Launcher tabs	16/03/2023, 7:32 pm	Classic	✓	▼

5. Profile creation



Finally we create the Users and Reports

The screenshot shows the Salesforce Setup page for editing a user. The user's name is Hemavathi P. The form includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. It also includes a Role dropdown menu set to 'Vehicle Manager', a User License dropdown set to 'Salesforce', and a Profile dropdown set to 'Read Only'. There are checkboxes for 'Active', 'Marketing User', 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', 'Site.com Publisher User', 'WDC User', and 'Data.com User Type'.

SETUP
Users

User Edit
Hemavathi P

User Edit

Save Save & New Cancel

General Information

First Name Hemavathi

Last Name P

Alias hp

Email hemavathi135@gmail.com

Username hemavathi135@gmail.com

Nickname User1680796296870493281

Title

Company

Department

Division

Role Vehicle Manager

User License Salesforce

Profile Read Only

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 --None--

The screenshot shows the Salesforce Reports page. The top navigation bar includes links for Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, and Groups. The Reports page has a search bar and a 'New Report' button. Below the search bar is a table with columns: Report Name, Description, Folder, Created By, Created On, and Subscribed. The table contains one report named 'Vehicle and Customer Details' in the 'Private Reports' folder, created by Hemavathi P on 12/4/2023 at 10:10 am.

Reports | Salesforce

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Search...

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

Reports

Recent

Search recent reports... New Report

1 item

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Vehicle and Customer Details		Private Reports	Hemavathi P	12/4/2023, 10:10 am	

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

4 TRAILHEAD PROFILE PUBLIC URL

- ▶ Team Leader - <https://trailblazer.me/id/themavathip>
- ▶ Team Member 1 - <https://trailblazer.me/id/araja447>
- ▶ Team Member 2 - <https://trailblazer.me/id/arths7>
- ▶ Team Member 3 - <https://trailblazer.me/id/deepr61>

5 . ADVANTAGES & DISADVANTAGES

Advantages

- ▶ **Duplication of the vehicle data is avoided.**
- ▶ **As vehicle number is already stored in the master therefore human mistakes can be avoided.**
- ▶ **Timely alerts ensure that penalties are avoided.**

Disadvantage

- * **No Disadvantage**

6 . APPLICATIONS

- ▶ Accessing of vehicle documents becomes easy and time saving.
- ▶ Renewal of statutory documents on timely manner avoids any legal confrontation.
- ▶ No duplication ensures accuracy of vehicle data.

7 .CONCLUSION

- ▶ Vehicle management systems created by SCAND.
- ▶ SCAND are designed to help our clients.
- ▶ It to keep track of the vehicles in real-time, plan, execute, and optimize their transportation processes through GPS and data collection.

8 .*FUTURE SCOPE*

- ▶ We can add printer in future.
- ▶ We can give more advance software for Vehicle Management system including more facilities.
- ▶ We will host the platform on online servers to make it accessible worldwide
- ▶ Integrate multiple load balancers to distribute the loads of the system.
- ▶ Create the master and slave database structure to reduce the overload of the database queries.