

SALESFORCE ASSOCIATE

VEHICLE MANAGEMENT SYSTEM
USING SALESFORCE

INTRODUCTION

1.1 Overview

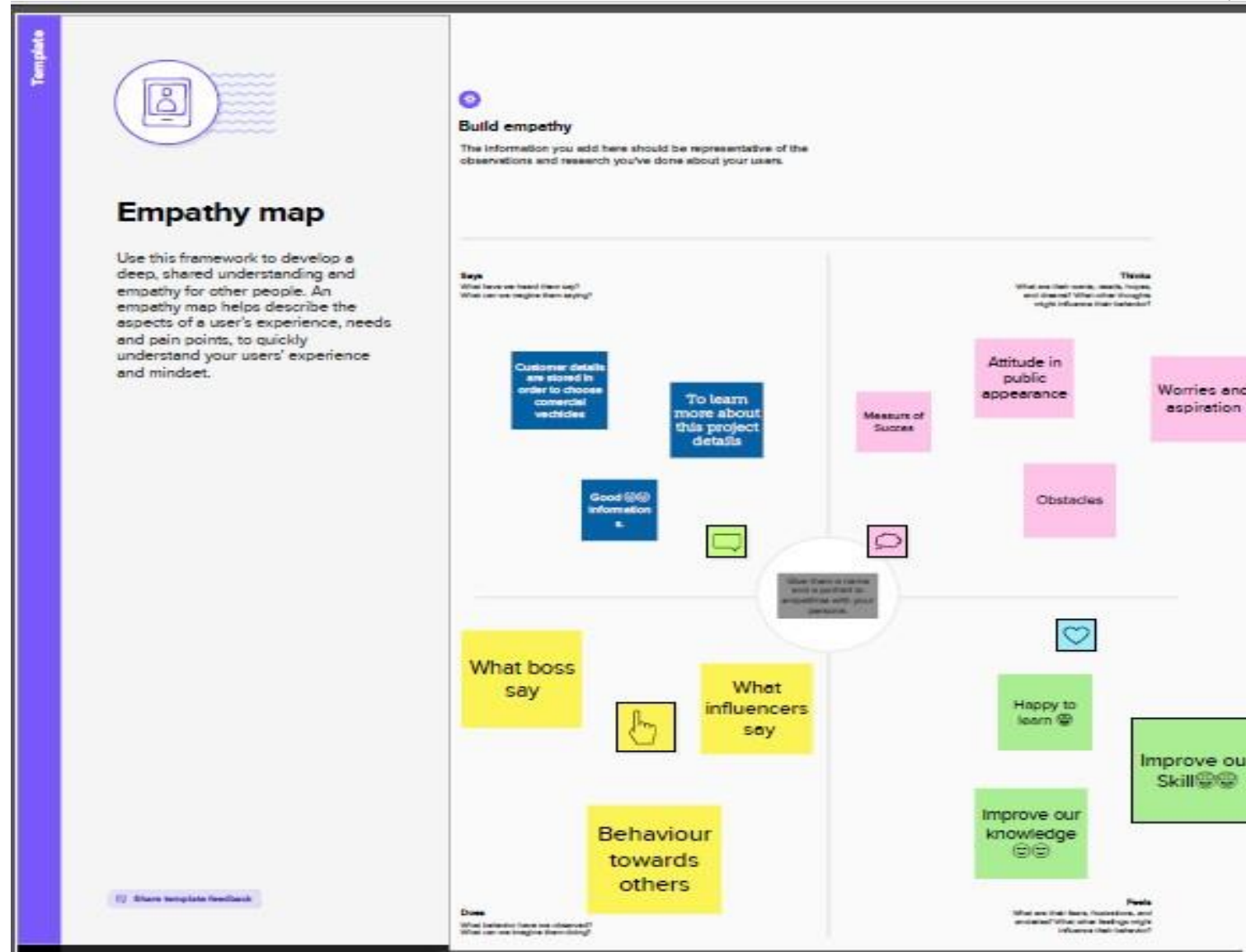
Vehicle Management is an application where a customer Details are stored inorder to choose cars, bikes and commercial vehicles for travel with in the city. The data which is stored here is further used to remind them if any offers are provided during the seasons and any updates regarding vehicles are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

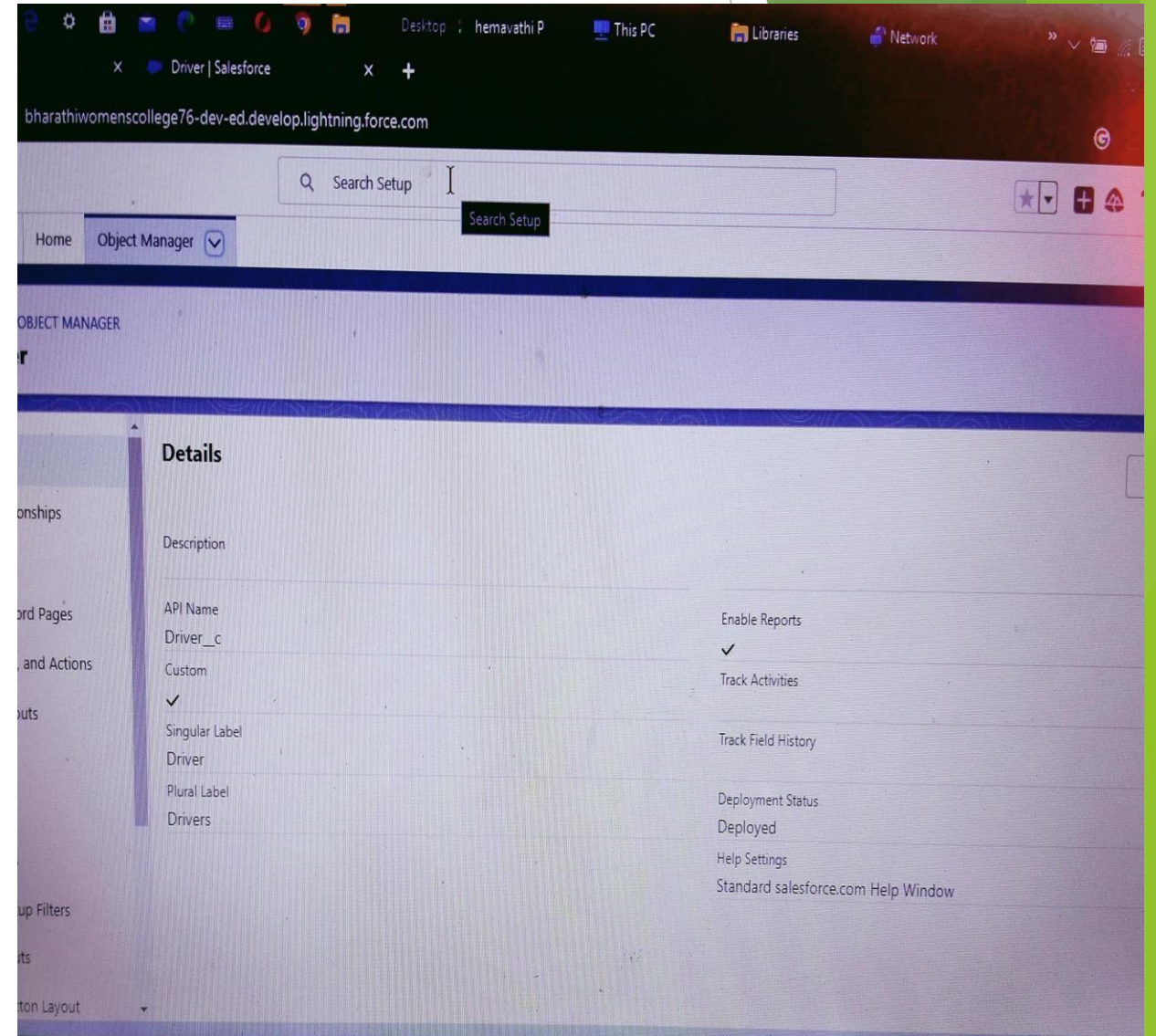
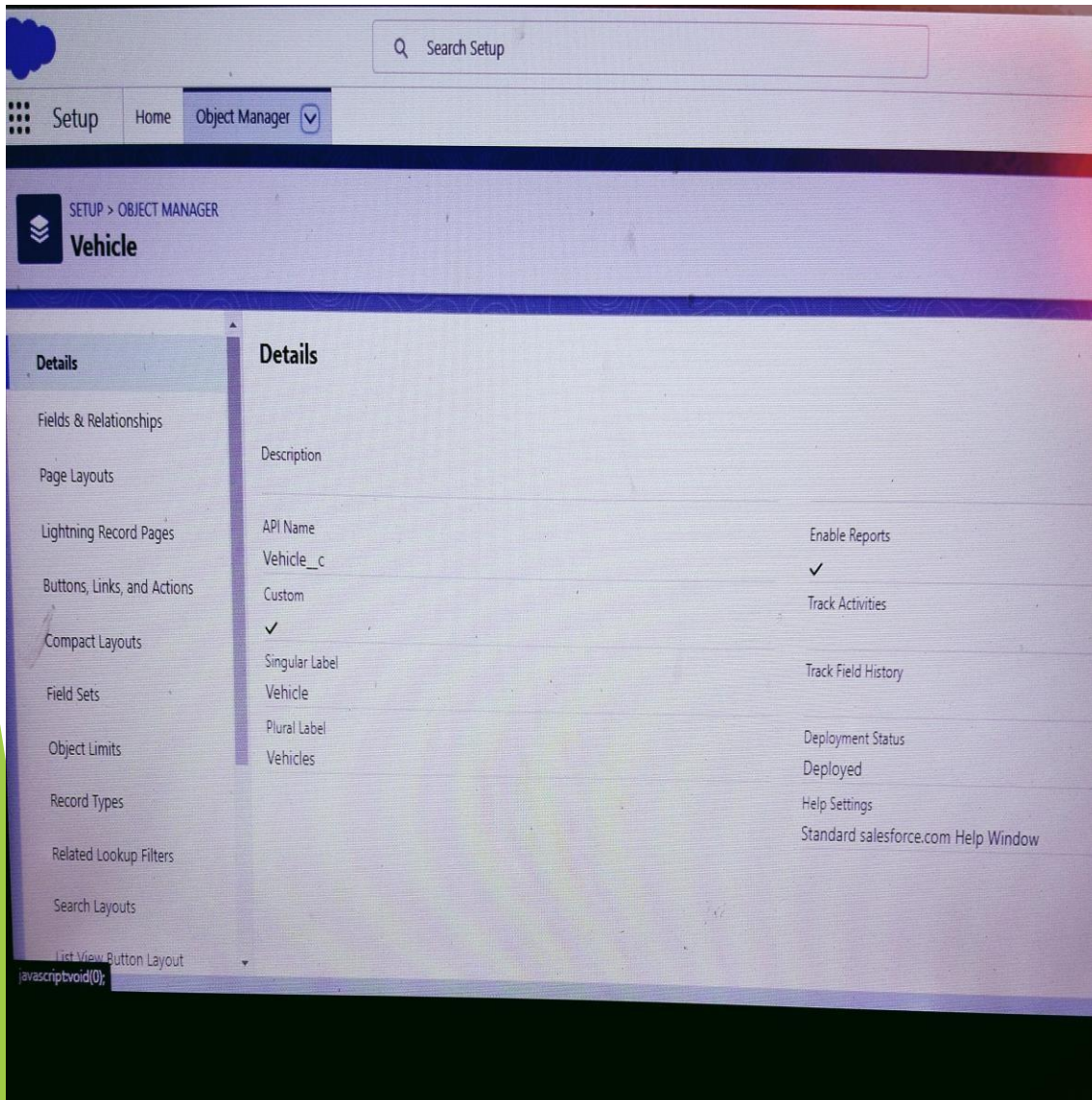
3 .RESULT

3.1 Data Model

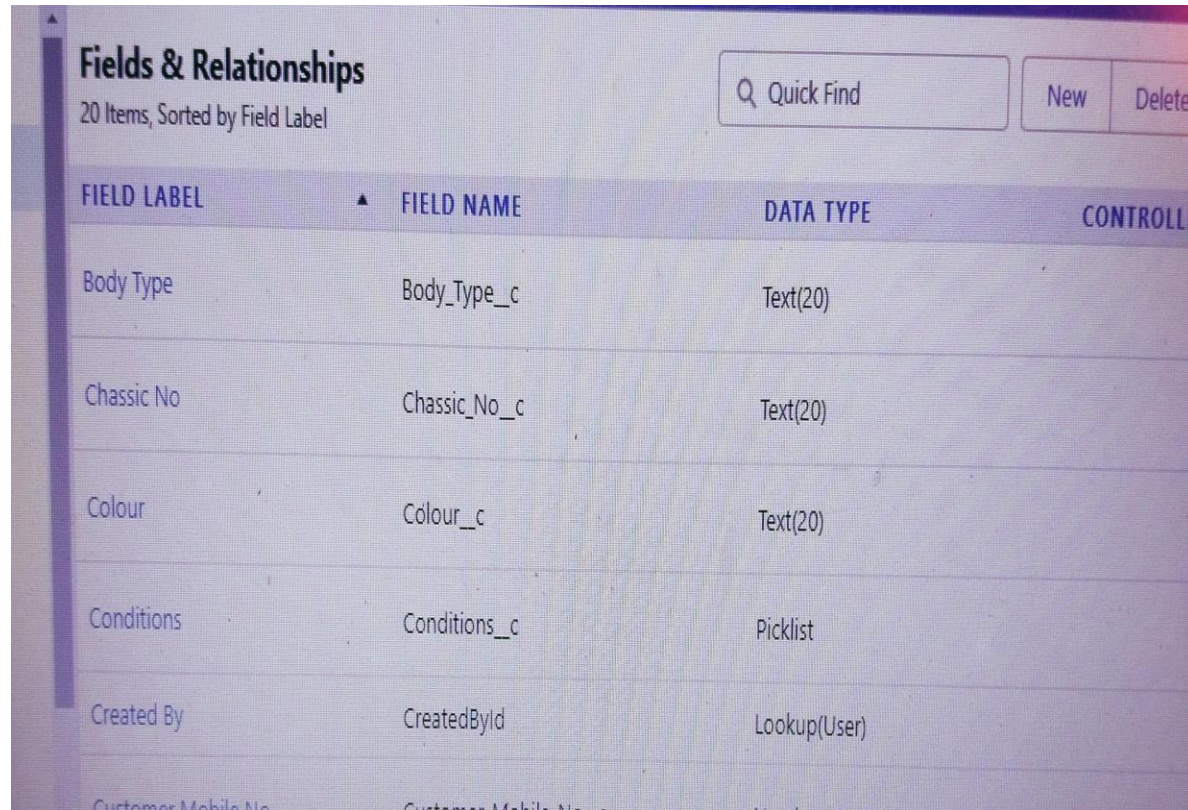
OBJECT NAME	FIELDS IN THE OBJECT (FIELD LABEL)	FIELDS IN THE OBJECT (DATA TYPE)
1 . VEHICLES	1.Customer Name 2.Customer No 3.Vehicle Type 4.2 and 4 Wheelers 5.Vehicle Name 6. Vehicle No 7.Chassic No 8.Start date ,End date 9.Opportunity	1.Text 2.Number 3.Picklist 4.Picklist 5.Text 6.Text 7.Text 8.Date 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

Quick Find New Deleted

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLL
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

Quick Find New

FIELD LABEL	FIELD NAME	DATA TYPE	CONT
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

omencollege76-dev-ed.develop.lightning.force.com

Search Setup

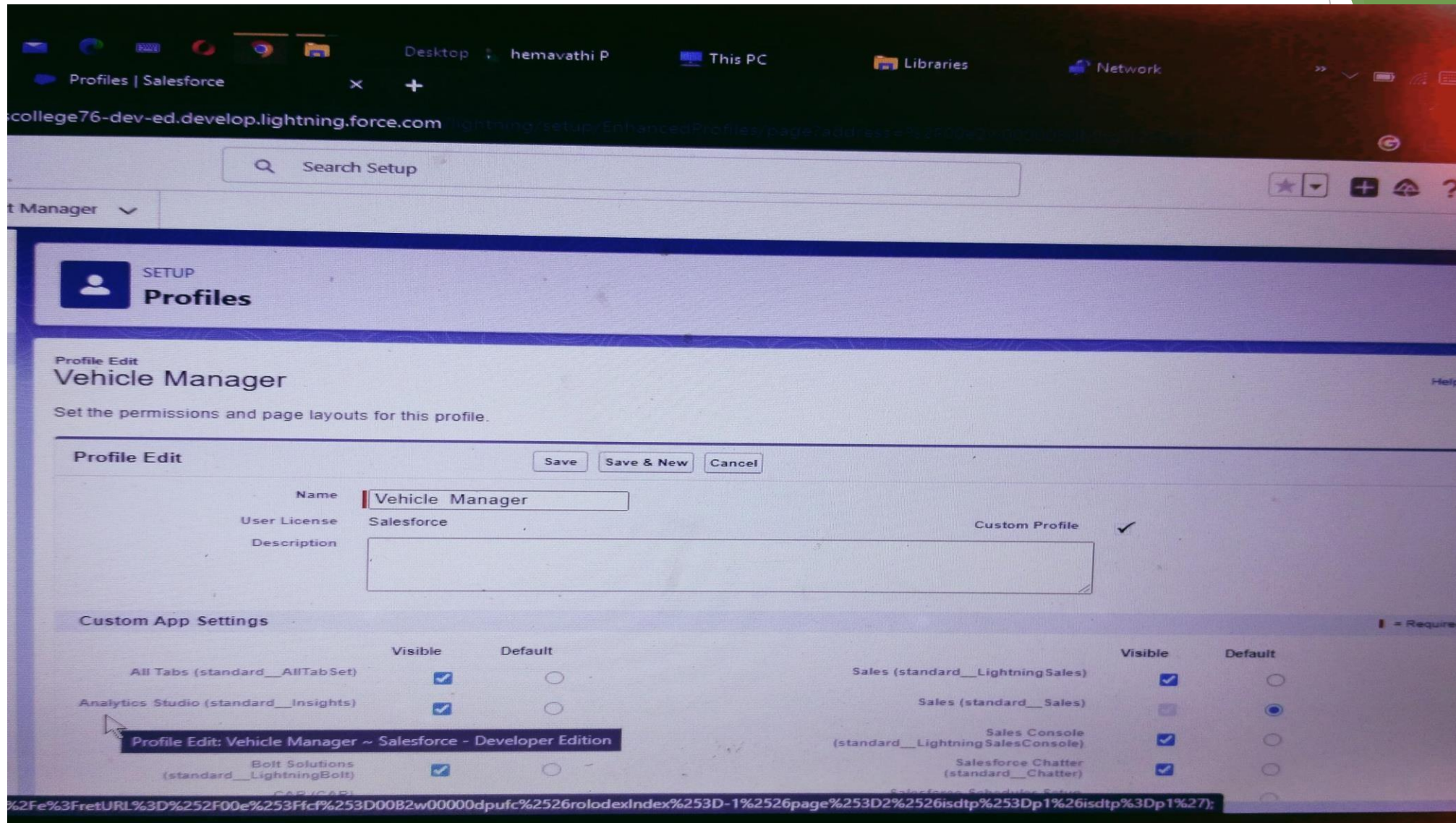
Object Manager

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 'User Edit' page for a user named Hemavathi P. The page is titled 'User Edit' and has a 'Help for this Page' link. The 'General Information' section contains the following fields:

- First Name: Hemavathi
- Last Name: P
- Alias: hp
- Email: hemavathi135@gmail.com
- Username: hemavathi135@gmail.com
- Nickname: User1680796296870493281
- Title: (empty)
- Company: (empty)
- Department: (empty)
- Division: (empty)

The 'Role' dropdown is set to 'Vehicle Manager'. The 'User License' dropdown is set to 'Salesforce'. The 'Profile' dropdown is set to 'Read Only'. The 'Active' checkbox is checked. The 'Marketing User' checkbox is unchecked. The 'Offline User' checkbox is unchecked. The 'Knowledge User' checkbox is unchecked. The 'Flow User' checkbox is unchecked. The 'Service Cloud User' checkbox is unchecked. The 'Site.com Contributor User' checkbox is unchecked. The 'Site.com Publisher User' checkbox is unchecked. The 'WDC User' checkbox is unchecked. The 'Data.com User Type' dropdown is set to '--None--'.

The screenshot shows the 'Reports' page in Salesforce. The page is titled 'Reports' and has a 'Search recent reports...' search bar. The 'Recent' section shows 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	

The left sidebar shows the following navigation menu:

- REPORTS
 - Recent
 - 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 - <http://trailblazer.me/id/Rithika>
- ▶ Team Member 1 - <https://trailblazer.me/id/sathiya222422>
- ▶ Team Member 2 - <https://trailblazer.me/id/vsamyukthadevi>
- ▶ Team Member 3 - <https://trailblazer.me/id/rathijp2003>

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.