

VEHICLE MANAGEMENT SYSTEM USING SALESFORCE

SUMMITTED BY:

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INTRODUCTION

1.1 Overview

In the first changing world, information technology and information management are going to play an important role. We are living in the computer age during past some year. The computer has gaining popularity. Computer revolution found its way into almost every aspect of human life and livA computer is admirably suited to handle any information and hence is an information processor that is, it can receive data, perform some basic operations on that data and produces results according to a predetermined program.

1.2 Purpose

To ensure the use of motor vehicles supports the University's business in an efficient, flexible, cost-effective and safe manner, and is compliant with legislatives for vehicles.

Problem Definition & Design Thinking






2.1 Empathy Map


RESULT

3.1 Data Model:

Object name	Fields in the Object	
Object 1	Field label	Data type
	Customer name	Text
	Customer Mobile no	Number
	2&4 wheeler	Pick list
	Start Date	Date/Time
Object 2	Field label	Data type
	Driver Name	Text
	License NO	Text
	Mobile No	Number
	Fair Per Hour	Text
	Vehicle	Lookup(Vehicle)


Milestone 1: Activity 1:

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Milestone 2: Activity 1:

Milestone 2: Activity 2:




Search Setup



Setup

Home


Object Manager



SETUP

New Custom Object

Help for this Page



Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles.

[Test org](#)
[Learn more](#)

Custom Object Definition Edit

Save Save & New Cancel

Custom Object Information

Required Information

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

Label

Driver

Example: Account

Plural Label

Drivers

Example: Accounts

Starts with vowel sound

☐

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

Object Name

Driver

Example: Account

Description

Context-sensitive Help Setting

☒ Open the standard Salesforce.com Help & Training window
 ☐ Open a window using a Visualforce page

Custom Name

Account

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

Vehicle Name

Example: Account Name

Date Type

Text

Optional Features

☒ Allow Reports
 ☐ Allow Activities
 ☐ Track Field History
 ☐ Allow in Chatter Groups
 ☐ Enable Licensing

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

[What is this?](#)

☐ In Development
 ☒ Deployed

Search Status

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

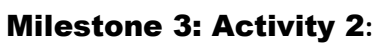
☒ Allow Search

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

Save Save & New Cancel

Milestone 3: Activity 1:



SetupHomeObject Manager

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

Restriction Rules

Scoping Rules

Triggers

Flow Triggers

Validation Rules

Field

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

9 Items, sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Driver Name	Driver_Name__c	Text(25)		
Driver Name	Name	Text(80)		✓
Fair Per Hour	Fair_Per_Hour__c	Text(25)		
Last Modified By	LastModifiedById	Lookup(User)		
Licence No	Licence_No__c	Text(25)		
Mobile No	Mobile_No__c	Number(18, 0)		
Owner	OwnerId	Lookup(User,Group)		✓
Vehicle	Vehicle__c	Lookup(Vehicle)		✓

Milestone 3: Activity:3

Setup

Home

Object Manager

Vehicle

SETUP > OBJECT MANAGER

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

Restriction Rules

Scoping Rules

Triggers

Flow Triggers

Validation Rules

Vehicle Field Dependencies

Help for this Page

This page allows you to define dependencies between fields (e.g., dependent picklists).

Field Dependencies

New

Action	Controlling Field	Dependent Field	Modified By
Edit Del	Vehicle Type	2 WHEELERS	J.Johnka 09/04/2023, 11:49 am
Edit Del	Vehicle Type	4 WHEELERS	J.Johnka 09/04/2023, 12:00 pm

Milestone 4: Activity 1:

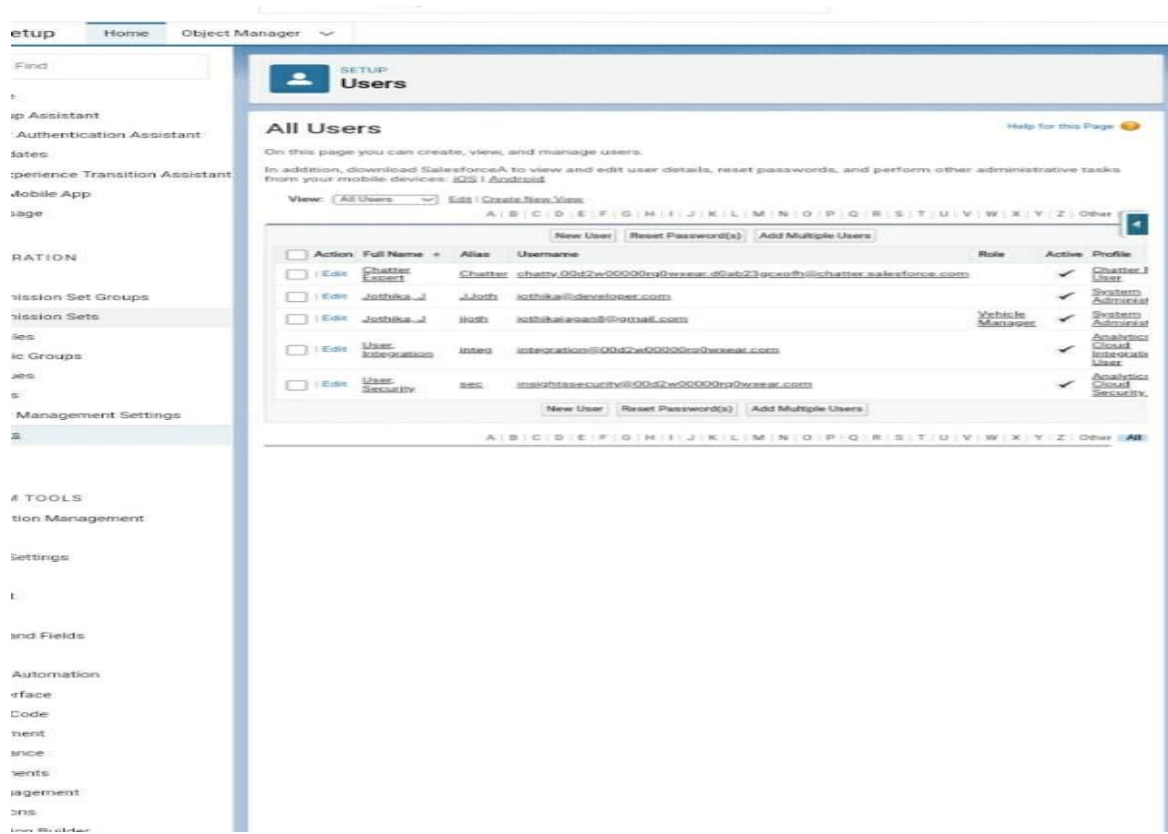
Milestone 5: Activity 1:

The screenshot displays the Salesforce Setup interface. The top navigation bar includes a search bar labeled "Search Setup" and tabs for "Setup", "Home", and "Object Manager". The left sidebar contains a "Quick Find" search bar and a list of setup categories: Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, ADMINISTRATION (Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users), Data, Email, PLATFORM TOOLS (Subscription Management, Apps, Feature Settings, Slack, MuleSoft, Einstein, Objects and Fields, Events, Process Automation, User Interface, Custom Code, Development, Performance, Environments, User Engagement, Integrations, Notification Builder, Offline), and SETTINGS (Company Settings).

The main content area is titled "SETUP Profiles" and includes a "Help for this Page" link. Below the title, there are tabs for "All Profiles", "Edit", "Delete", and "Create New View". A "New Profile" button is also present. The main table lists various profiles with columns for "Action", "Profile Name", "User License", and "Custom".

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Clone	Salesforce API Only System Integra...	Salesforce Integration	
<input type="checkbox"/> Edit Clone	System Administrator	Salesforce	
<input type="checkbox"/> Edit Clone	Chatter Free User	Chatter Free	
<input type="checkbox"/> Edit Clone	Analytics Cloud Integration User	Analytics Cloud Integration User	
<input type="checkbox"/> Edit Clone	Analytics Cloud Secure User	Analytics Cloud Integration User	
<input type="checkbox"/> Edit Clone	External Apps Login User	External Apps Login	
<input type="checkbox"/> Edit Clone	Minimum Access - Salesforce	Salesforce	
<input type="checkbox"/> Edit Clone	Standard Platform User	Salesforce Platform	
<input type="checkbox"/> Edit Clone	Customer Community Login User	Customer Community Login	
<input type="checkbox"/> Edit Clone	Cross Org Data Proxy User	XOrg Proxy User	
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	
<input type="checkbox"/> Edit Clone	Work.com Only User	Work.com Only	
<input type="checkbox"/> Edit Clone	Customer Portal Manager Custom	Customer Portal Manager Custom	
<input type="checkbox"/> Edit Clone	Identity User	Identity	
<input type="checkbox"/> Edit Clone	Customer Community Plus User	Customer Community Plus	
<input type="checkbox"/> Edit Clone	Silver Partner User	Silver Partner	
<input type="checkbox"/> Edit Clone	High Volume Customer Portal	High Volume Customer Portal	
<input type="checkbox"/> Edit Clone	Gold Partner User	Gold Partner	
<input type="checkbox"/> Edit Clone	Customer Portal Manager Standard	Customer Portal Manager Standard	
<input type="checkbox"/> Edit Clone	Force.com - App Subscription User	Force.com - App Subscription	
<input type="checkbox"/> Edit Clone	Customer Community Plus Login U...	Customer Community Plus Login	
<input type="checkbox"/> Edit Clone	Partner App Subscription User	Partner App Subscription	
<input type="checkbox"/> Edit Clone	External Identity User	External Identity	
<input type="checkbox"/> Edit Clone	Partner Community User	Partner Community	
<input type="checkbox"/> Edit Clone	Partner Community Login User	Partner Community Login	

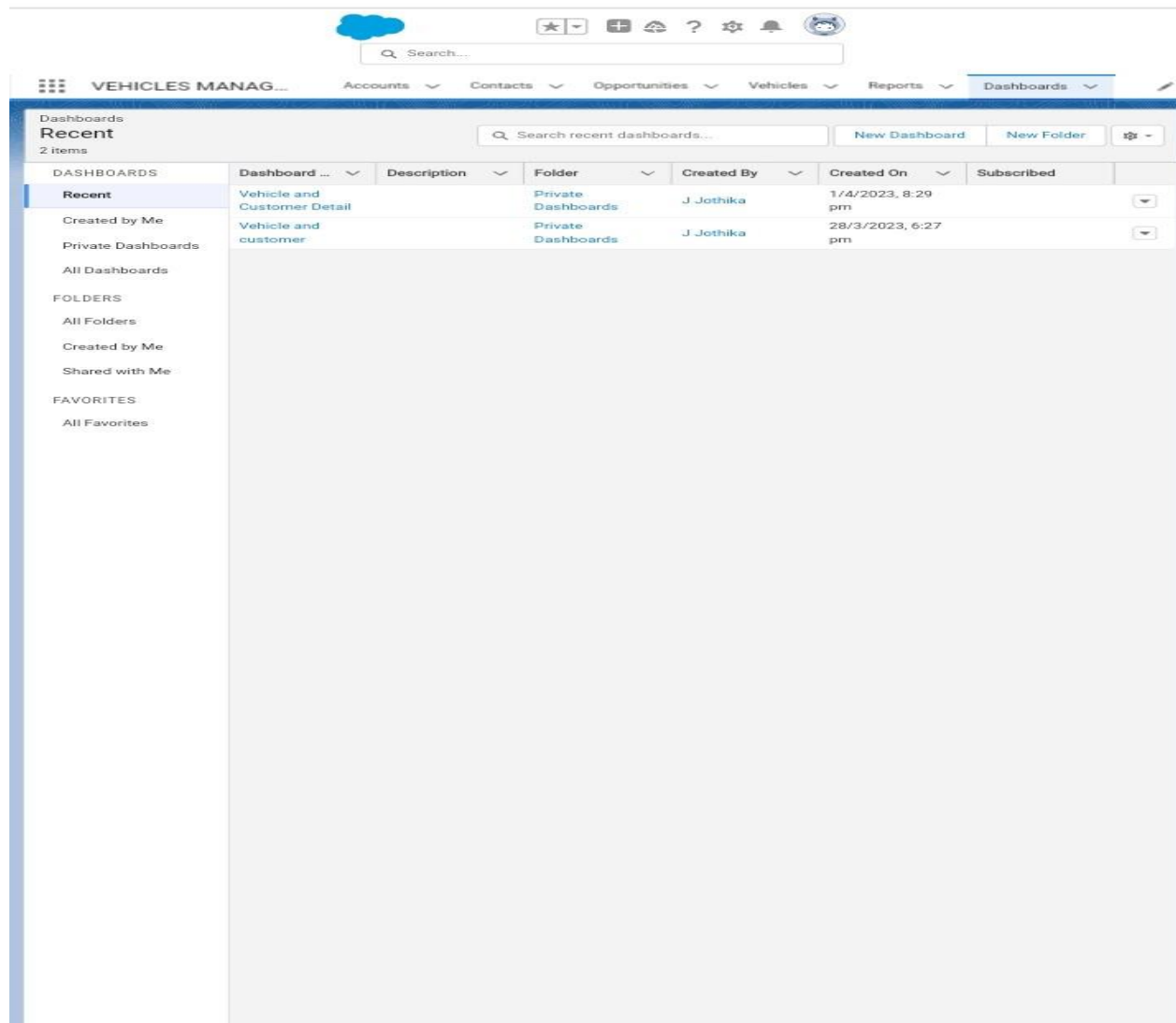
Milestone 6: Activity 1:



The screenshot shows the Salesforce Setup interface, specifically the 'Users' page under the 'Users' section. The left sidebar contains navigation links for various setup areas, including 'Find', 'Setup Assistant', 'Authentication Assistant', 'Salesforce Assistant', 'Experience Transition Assistant', 'Mobile App', 'Page Layouts', 'RATTON', 'Mission Set Groups', 'Mission Sets', 'Sessions', 'User Groups', 'User Roles', 'Management Settings', 'Tools', 'Tool Management', 'Settings', 'Fields', 'Automation', 'Workflow', 'Code', 'Next', 'Price', 'Sents', 'Management', 'Sns', and 'New Features'. The main content area is titled 'All Users' and includes a search bar, a 'View' dropdown set to 'All Users', and a 'Create New User' button. Below this is a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists five users: Chatter Expert, Jethika J, Jethika J, Jethika J, and User Integration. The bottom of the page shows a navigation bar with links for 'New User', 'Reset Password(s)', and 'Add Multiple Users'.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	shetty.00t2w00000rq@wssar.d0ab23@chatter.salesforce.com		✓	Chatter User
<input type="checkbox"/> Edit	Jethika J	JJeth	jethika@developer.com		✓	System Administrator
<input type="checkbox"/> Edit	Jethika J	JJeth	jethikarasa@gmail.com	Vehicle Manager	✓	System Administrator
<input type="checkbox"/> Edit	User Integration	integ	integration@00d2w00000rq@wssar.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightsecurity@00d2w00000rq@wssar.com		✓	Analytics Cloud Security

Milestone 7: Activity 1:



4 Trailhead Profile Public URL

Team Lead - <https://trailblazer.me/id/ijagan27>

Team Member 1 — <https://trailblazer.me/id/jo380>

Team Member 2 — — <https://trailblazer.me/id/kamar101>

Team Member 3— - <https://trailblazer.me/id/kkumar2109>

5 ADVANTAGES & DISADVANTAGE

ADVANTAGE	DISADVANTAGE
Easy to manage and cost-effective	It is difficult to track the occupancy
Because of that there is no towing problems	More manual hours need to generate required reports
No human employee is required	There is no possibility to track the approvals of requests

6 APPLICATIONS

The Vehicle Management System In PHP is a simple mini project for management the vehicles, buses & cars of RUET. In RUET there are many vehicles that can be hired for money. The project contains the admin side and the user side. The admin can control all the vehicle request and check if the request can be granted or not. They can update the driver and vehicle list, add new vehicles, etc. An admin can control the whole booking process from the admin panel like which car to give to a certain user and which driver etc. As a whole, the admin has all the power to control the whole management process.

7 CONCLUSION

The Corporate Company's Vehicle Management application has rich user interface so that novice users can access easily. This application provides the management reports like Occupancy report, Approval status report, to track the usage company's transport facility.

Our project is only a humble venture to satisfy the needs in a library. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the organization. The objective of software planning is to provide a frame work that enables the manager to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses. Last but not least it is not the work that played the ways to success but ALMIGHTY.

8 FUTURE SCOPE

The scope of this project is to enhance the facilities available in the current notepad system and different security measures would be applicable in the future for the student point of view and management point of view. The application would be fruitful. The different areas where we can use

this application are. Any education institute can make use of it for providing information about user ,content of the available notepad future.