

1 INTRODUCTION

1.1 Overview

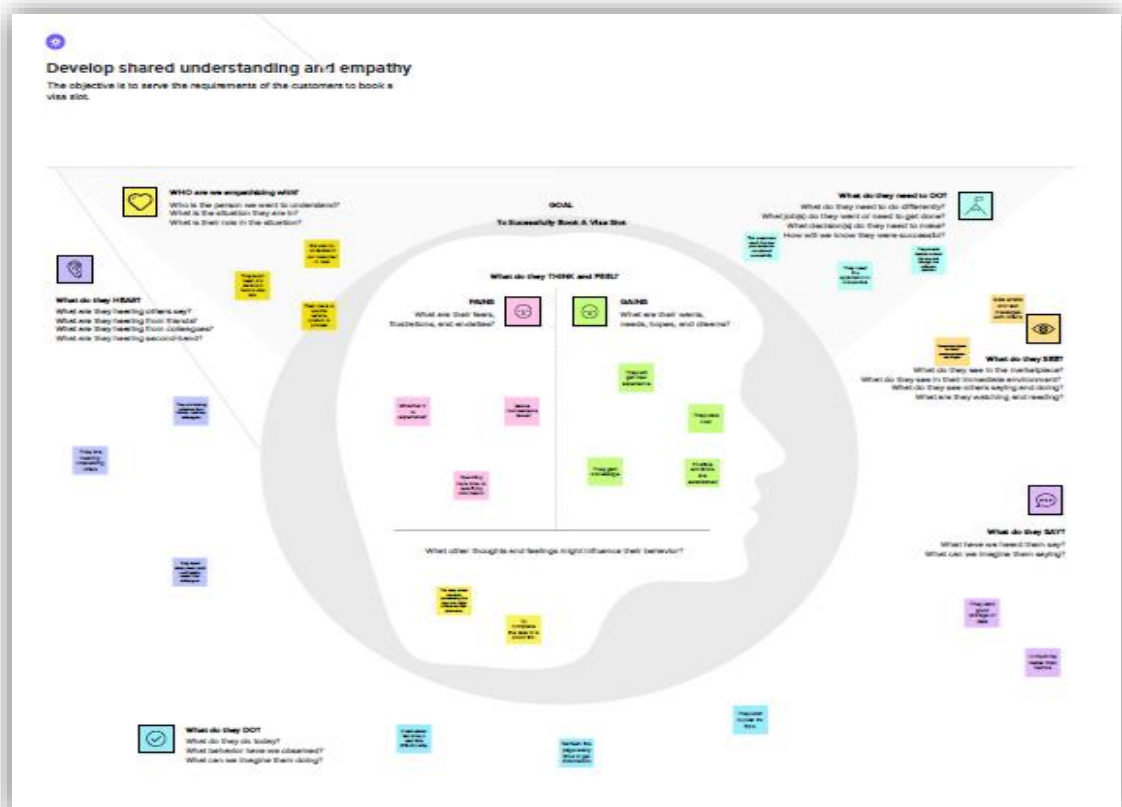
A visa slot management project is a system that is used to track and manage the availability of visa slots, which are appointments that are required for certain visa applications.

1.2 Purpose

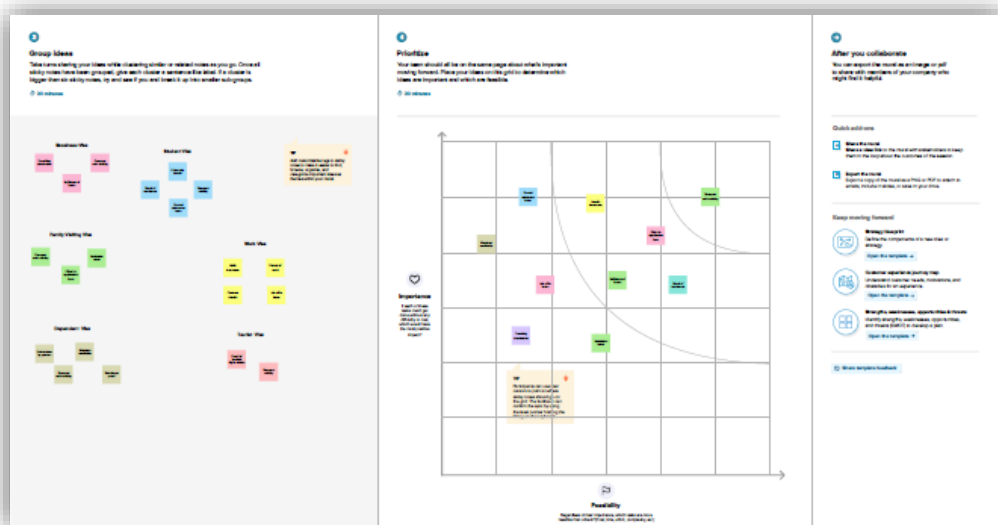
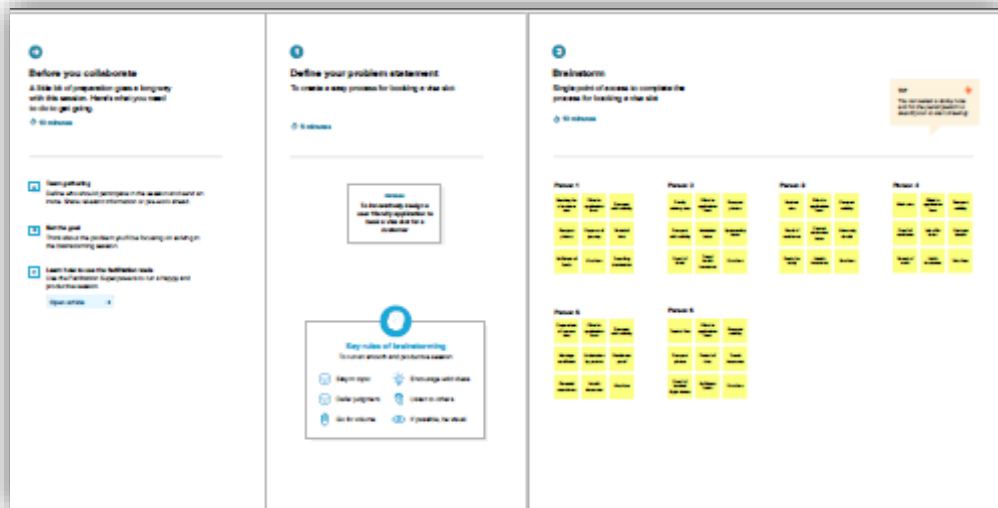
A visa slot might be used by a government agency or a visa processing center to schedule and manage appointments with applicants.

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation and Brainstorming Map



3 RESULT

3.1 Data Model:

Object name	Fields in the Object	
Passport	Full Name	Text
	Passport Number	Text
	Contact Number	Number
	Permanent Address	Text
Visa Slot	Location	Text
	Time	Time
	Passport Number	Master
	Visa Slot Number	Number
Payment	Payment Mode	Text
	Card Number	Text
	Transaction id (Auto number)	Number
	Cancel Transaction	Text
	Visa slot Number	Text
Reschedule/ Cancel	Passport Number	Text
	Location	Text
	Time	Time
	Cancel	Text
	Status	Text

3.2 Activity and Screenshots

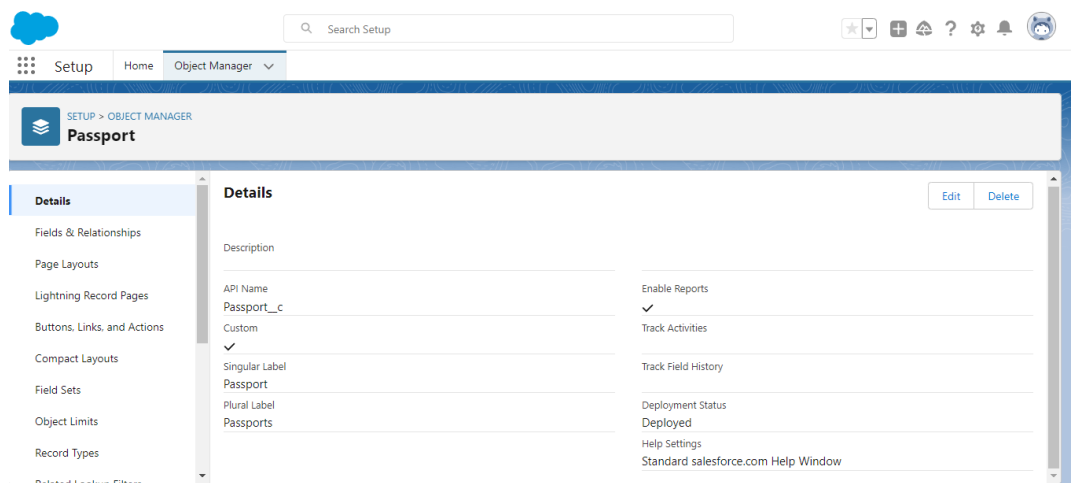
Milestone 1

We have created the developer account and login for salesforce account.

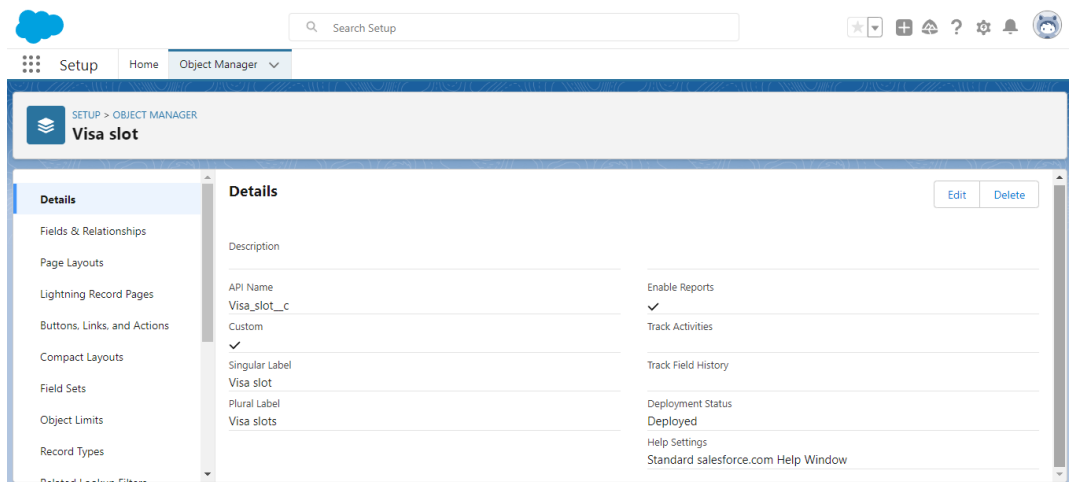
Milestone 2

Objects

We have created the first object Passport.



Second object Visa slot is created



Third object Payment is created

The screenshot displays the Salesforce Object Manager interface for the 'Payment' object. The left sidebar contains a 'Details' menu with options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related List Filters. The main content area is titled 'Payment' and includes a search bar. The 'Details' section on the right shows the following configuration:

Field	Value
Description	
API Name	Payment__c
Custom	✓
Singular Label	Payment
Plural Label	Payments
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for 'Edit' and 'Delete' are located at the top right of the details section.

Fourth object Reschedule/Cancel is created

The screenshot displays the Salesforce Object Manager interface for the 'Reschedule/Cancel' object. The left sidebar contains a 'Details' menu with options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related List Filters. The main content area is titled 'Reschedule/Cancel' and includes a search bar. The 'Details' section on the right shows the following configuration:

Field	Value
Description	
API Name	Reschedule_cancel__c
Custom	✓
Singular Label	Reschedule/Cancel
Plural Label	Reschedule/Cancels
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for 'Edit' and 'Delete' are located at the top right of the details section.

Fields

For the object Passport we have created four fields.

The screenshot shows the Salesforce Setup interface. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, and Record Types. The main content area is titled 'SETUP > OBJECT MANAGER Passport'. Below this, there's a 'Fields & Relationships' section with a search bar and buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'. It indicates '8 Items, Sorted by Field Label'. A table lists the fields:

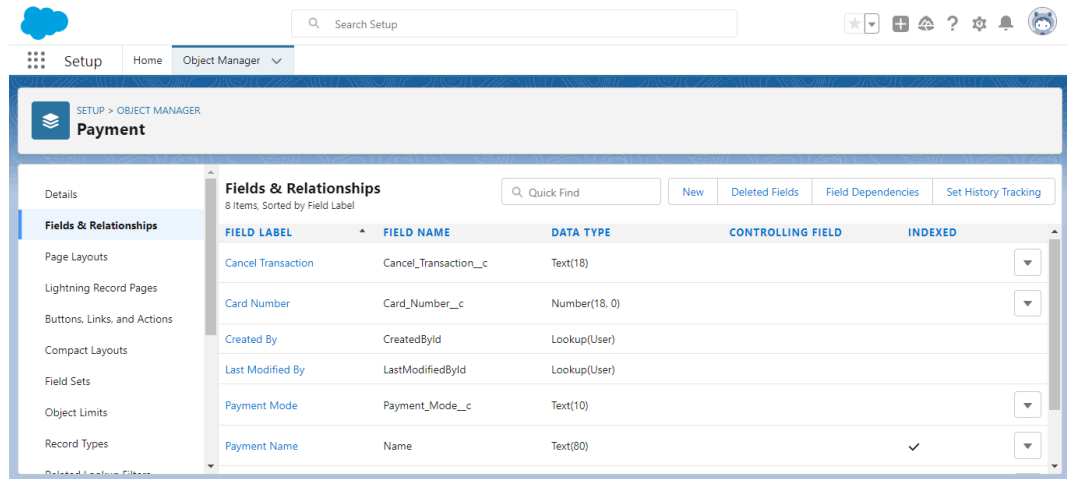
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Number	Contact_Number__c	Phone		
Created By	CreatedById	Lookup(User)		
Full Name	Full_Name__c	Text(18)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Passport Name	Name	Text(80)		✓

Visa slot with Four fields is created

The screenshot shows the Salesforce Setup interface for the 'Visa slot' object. The left sidebar is the same as the previous screenshot. The main content area is titled 'SETUP > OBJECT MANAGER Visa slot'. Below this, there's a 'Fields & Relationships' section with a search bar and buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'. It indicates '7 Items, Sorted by Field Label'. A table lists the fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(100)		
Passport Number	Passport_Number__c	Master-Detail(Passport)		✓
Time	Time__c	Time		
Visa slot Name	Name	Auto Number		✓

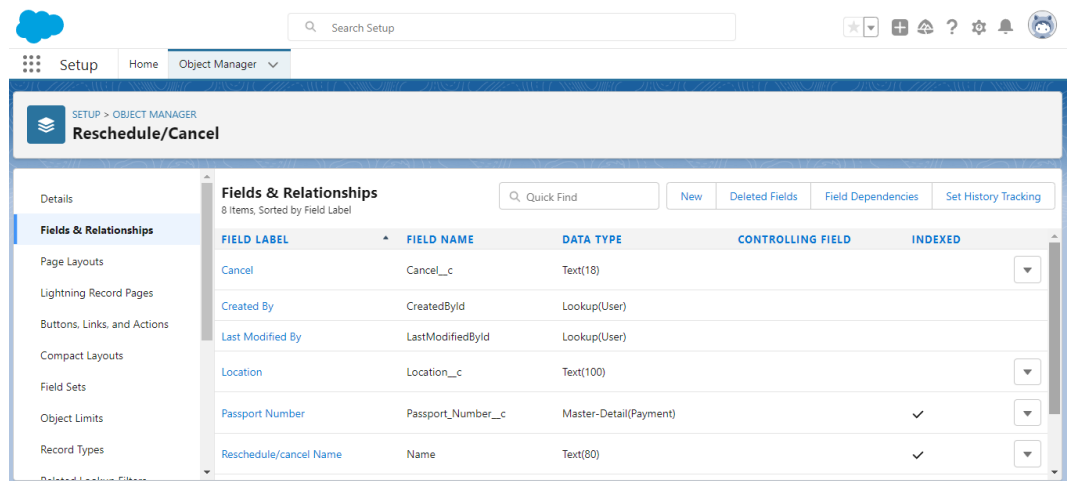
Payment with five fields is created



The screenshot shows the Salesforce Setup interface for the 'Payment' object. The 'Fields & Relationships' section is active, displaying a table of 8 fields. The fields are: Cancel Transaction, Card Number, Created By, Last Modified By, Payment Mode, and Payment Name. The 'Payment Name' field is highlighted in blue, indicating it is the selected field.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel Transaction	Cancel_Transaction__c	Text(18)		
Card Number	Card_Number__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Payment Mode	Payment_Mode__c	Text(10)		
Payment Name	Name	Text(80)		✓

Reschedule/Cancel with five fields are created



The screenshot shows the Salesforce Setup interface for the 'Reschedule/Cancel' object. The 'Fields & Relationships' section is active, displaying a table of 8 fields. The fields are: Cancel, Created By, Last Modified By, Location, Passport Number, and Reschedule/cancel Name. The 'Reschedule/cancel Name' field is highlighted in blue, indicating it is the selected field.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel	Cancel__c	Text(18)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(100)		
Passport Number	Passport_Number__c	Master-Detail(Payment)		✓
Reschedule/cancel Name	Name	Text(80)		✓

Milestone 3

Relationship between objects

There are two types of relationships

1. Master detail relationship
2. Look up relationship

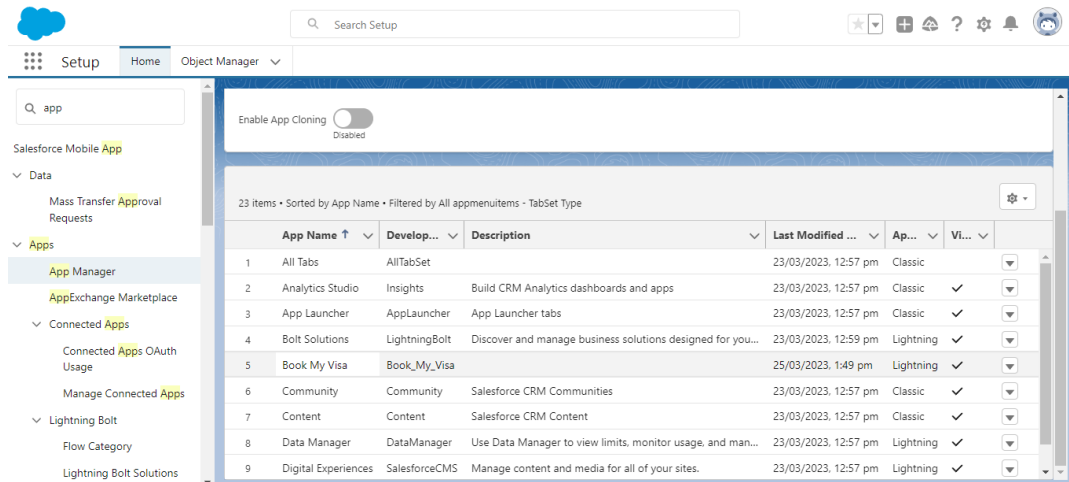
We have created Master Detail Relationship between Passport and Visa.

Milestone 4

App

Apps in salesforce are a group of tabs that helps the application function work together as a unit.

We have customized the app 'Book my visa'

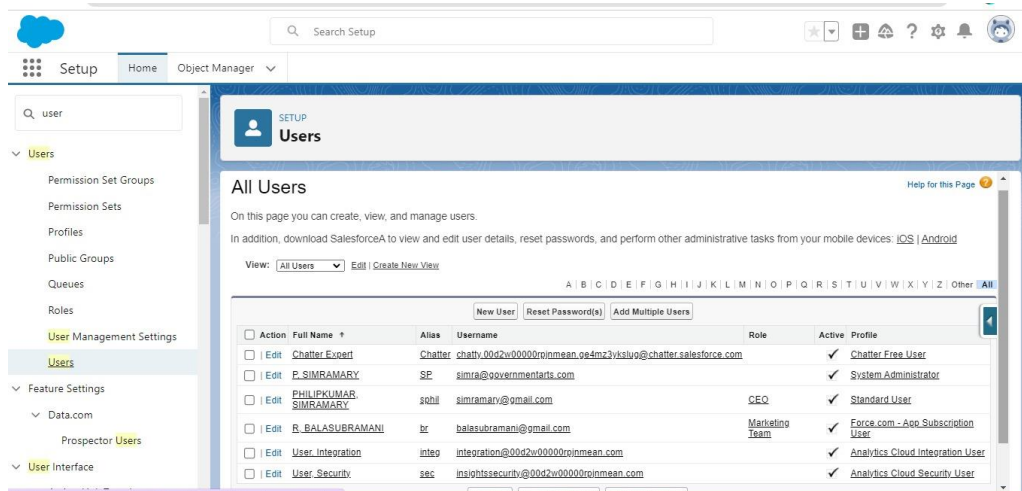


The screenshot shows the Salesforce Setup interface. On the left sidebar, the 'Apps' section is expanded, showing 'App Manager' and 'AppExchange Marketplace'. The main content area displays a list of 23 items, sorted by App Name. The 'Book My Visa' app is highlighted in the list.

App Name	Developer	Description	Last Modified	App Type	Visible
1 All Tabs	AllTabSet		23/03/2023, 12:57 pm	Classic	✓
2 Analytics Studio	Insights	Build CRM Analytics dashboards and apps	23/03/2023, 12:57 pm	Classic	✓
3 App Launcher	AppLauncher	App Launcher tabs	23/03/2023, 12:57 pm	Classic	✓
4 Bolt Solutions	LightningBolt	Discover and manage business solutions designed for you...	23/03/2023, 12:59 pm	Lightning	✓
5 Book My Visa	Book_My_Visa		25/03/2023, 1:49 pm	Lightning	✓
6 Community	Community	Salesforce CRM Communities	23/03/2023, 12:57 pm	Classic	✓
7 Content	Content	Salesforce CRM Content	23/03/2023, 12:57 pm	Classic	✓
8 Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and man...	23/03/2023, 12:57 pm	Lightning	✓
9 Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	23/03/2023, 12:57 pm	Lightning	✓

Milestone 5

Creation of user



The screenshot shows the Salesforce Setup interface for the 'Users' section. The 'All Users' list is displayed, showing a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile.

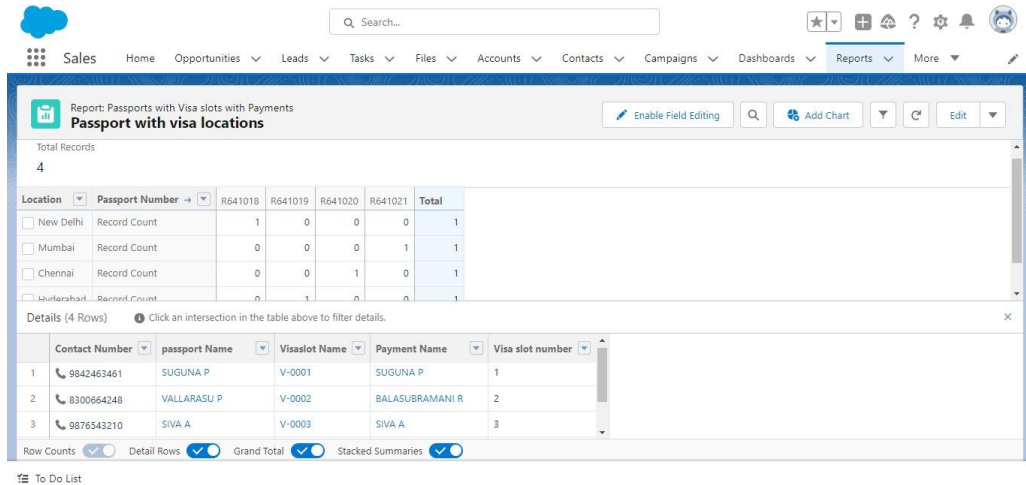
Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter_00d2w0000000pinmean.0e4mz3y3sluo@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	P. SIMRAMARY	SP	simra@governmentarts.com		✓	System Administrator
<input type="checkbox"/> Edit	PHILIPKUMAR SIMRAMARY	srhil	simramary@gmail.com	CEO	✓	Standard User
<input type="checkbox"/> Edit	R. BALASUBRAMANI	bx	balasubramani@gmail.com	Marketing Team	✓	Force.com - App Subscription User
<input type="checkbox"/> Edit	User Integration	inteo	integration@00d2w0000000pinmean.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightsecurity@00d2w0000000pinmean.com		✓	Analytics Cloud Security User

Milestone 6

Reports

A report is a list of records that meet the criteria whatever we define.

It is displayed in salesforce as rows and columns and can be filtered, grouped or displayed in a graphical chart.



The screenshot shows the Salesforce Reports interface. At the top, there's a navigation bar with 'Sales' selected. Below it, a search bar and various utility icons are visible. The main content area displays a report titled 'Passport with visa locations'. The report shows a summary table with columns for Location, Passport Number, and Total. Below the summary, there's a 'Details' section showing 4 rows of data. The data includes Contact Number, passport Name, Visaslot Name, Payment Name, and Visa slot number.

Location	Passport Number	R641018	R641019	R641020	R641021	Total
New Delhi	Record Count	1	0	0	0	1
Mumbai	Record Count	0	0	0	1	1
Chennai	Record Count	0	0	1	0	1
Hyderabad	Record Count	0	1	0	0	1

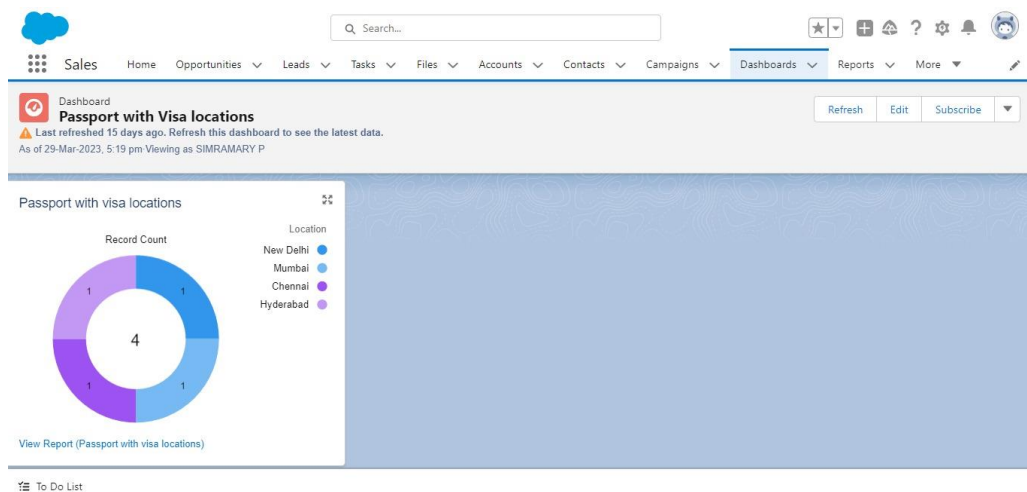
Contact Number	passport Name	Visaslot Name	Payment Name	Visa slot number
9842463461	SUGUNA P	V-0001	SUGUNA P	1
8300664248	VALLARASU P	V-0002	BALASUBRAMANI R	2
9876543210	SIVA A	V-0003	SIVA A	3

Milestone 7

Dashboards

Dashboards in salesforce are a graphical representation of reports.

It shows data from source reports as visual components.



4 Trailhead Profile Public URL

Team Lead - <https://trailblazer.me/id/simrp1>

Team Member 1 - <https://trailblazer.me/id/bsubramani57>

Team Member 2 - <https://trailblazer.me/id/sivaa51>

Team Member 3 – <https://trailblazer.me/id/v20bma035>

5 ADVANTAGES

- Users will get new experience.
- They gain knowledge
- They gain knowledge
- Positive emotions are established

DISADVANTAGE

- Service inconvenience caused
- Spending more time on searching information.

6 APPLICATIONS

We can apply

- Business visa
- Family visiting visa
- Student visa
- Work visa
- Dependent of spouse visa
- Tourist visa

using this application.

7 CONCLUSION

We have created the application that helps to book a visa slot by completing all the above-mentioned milestones.

This application is very useful for managing all relationships and interactions with customers.

8 FUTURE SCOPE

The digitalization proposal will make it easier to apply for a visa.