

Project Report Template

1 INTRODUCTION

1.1 Overview

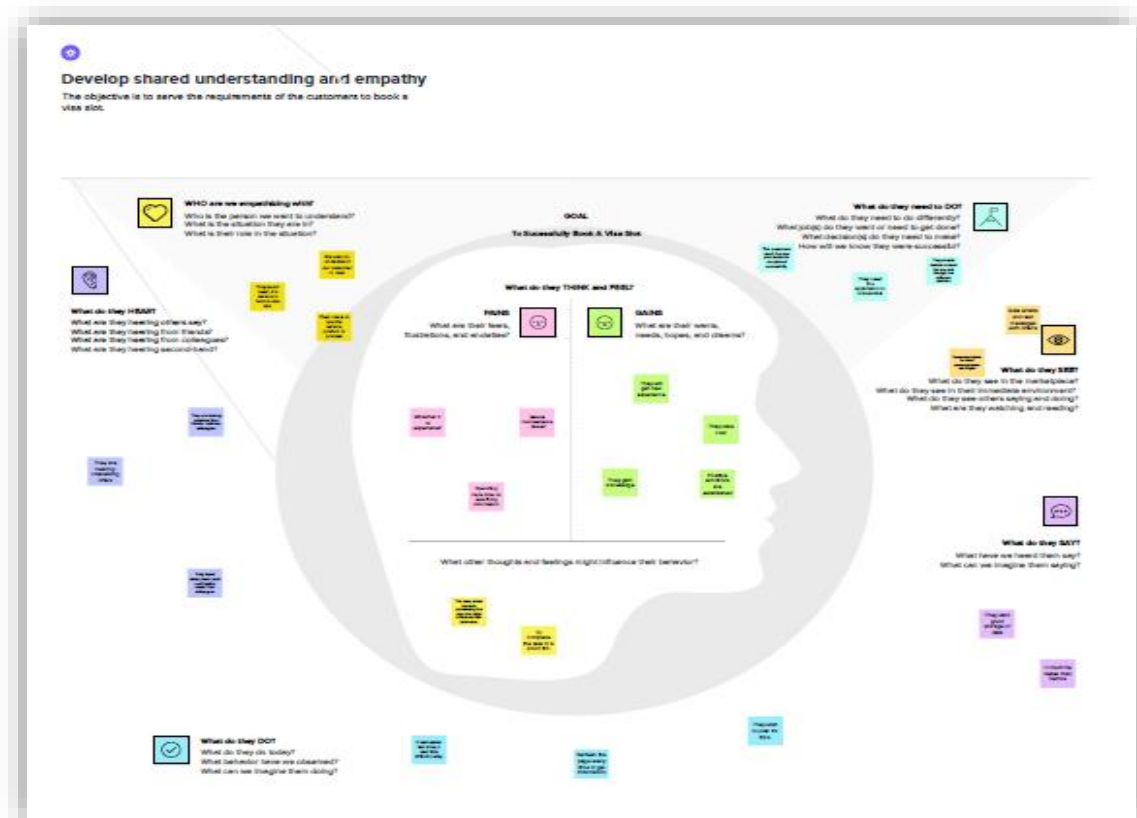
A visa slot management project is a system that is used to track and manage the availability of visa slots, which are appointments that are required for certain visa applications.

1.2 Purpose

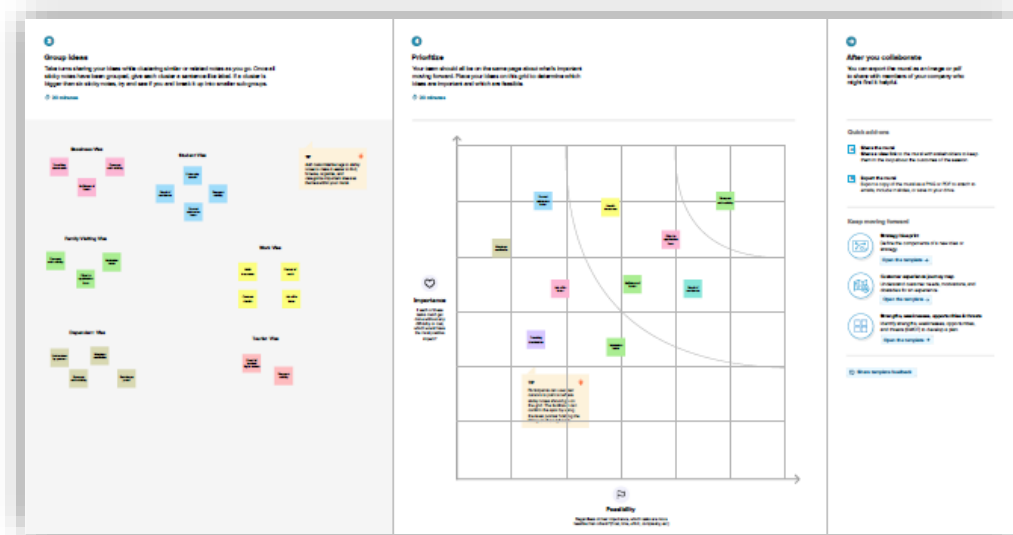
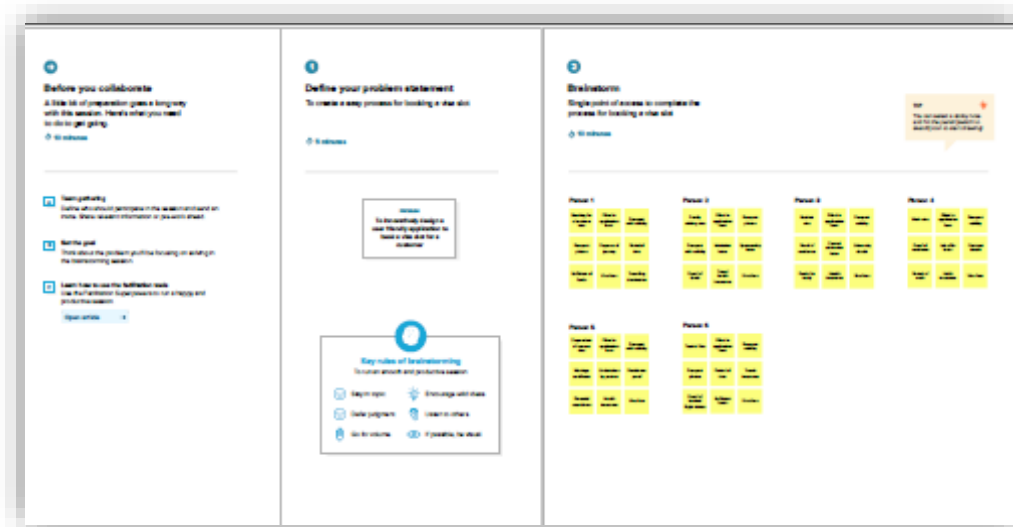
A visa slot might be used by a government agency or a visa processing center to schedule and manage appointments with applicants.

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

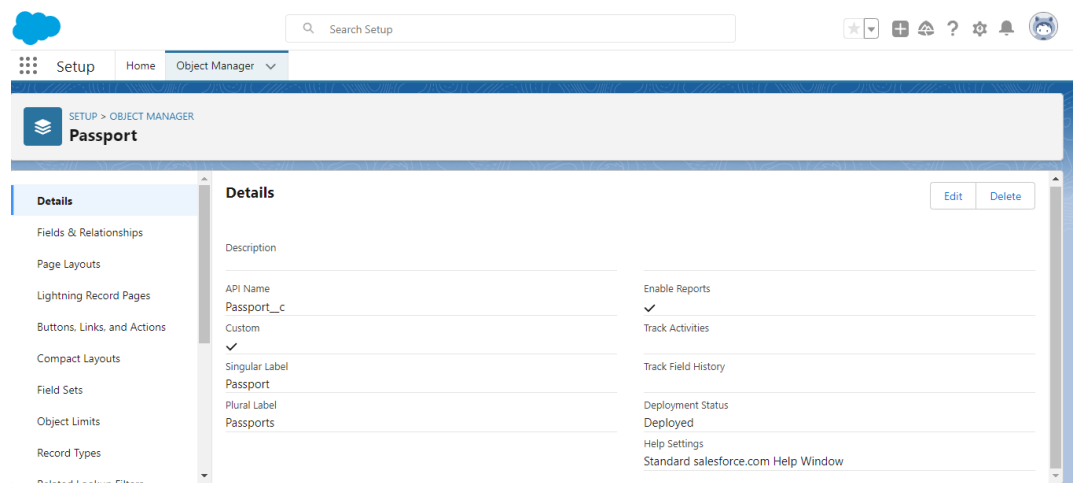
Milestone 1

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

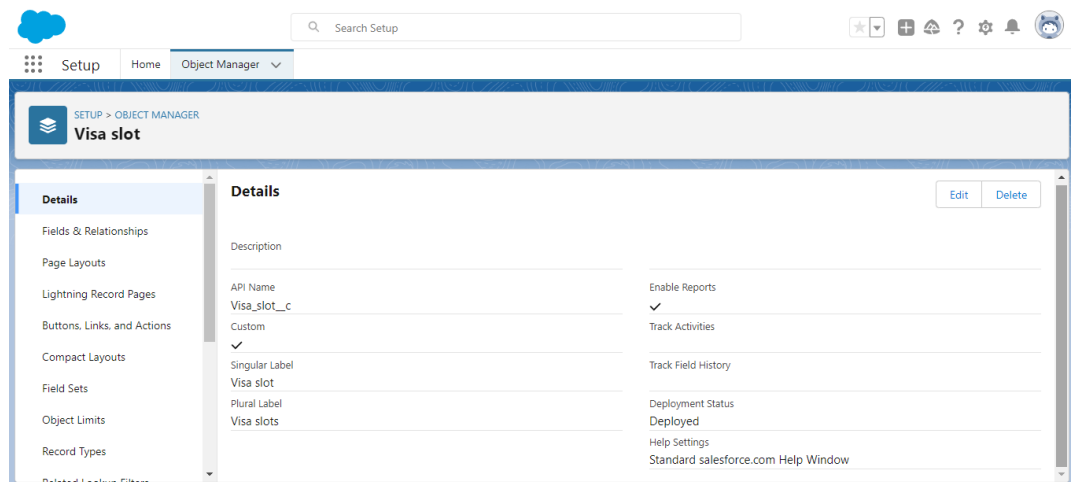
Milestone 2

Objects

We have created the first object Passport.



Second object Visa slot is created



Third object Payment is created

Setup Home Object Manager

Search Setup

Payment

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related List Filters

Details

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

Edit Delete

Fourth object Reschedule/Cancel is created

Setup Home Object Manager

Search Setup

Reschedule/Cancel

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related List Filters

Details

Description

API Name
Reschedule_cancel__c

Custom
✓

Singular Label
Reschedule/Cancel

Plural Label
Reschedule/Cancels

Enable Reports
✓

Track Activities

Track Field History

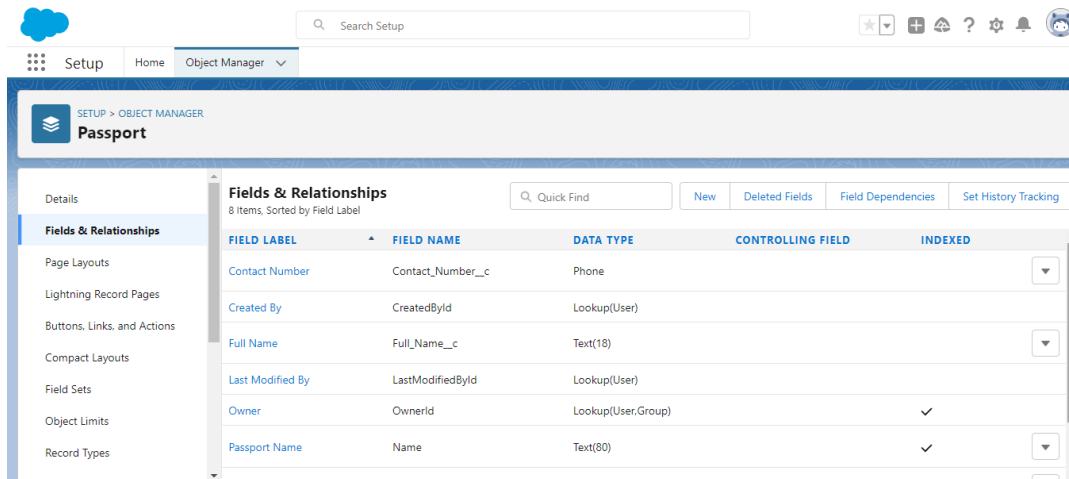
Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Fields

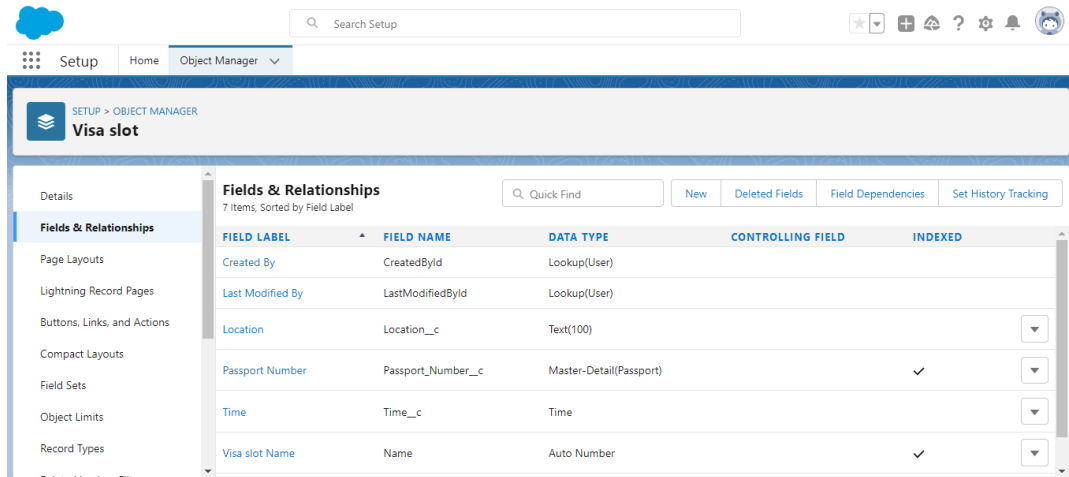
For the object Passport we have created four fields.



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 the title bar, there is a "Fields & Relationships" section with a search bar and buttons for "New", "Deleted Fields", "Field Dependencies", and "Set History Tracking". The section indicates "8 Items, Sorted by Field Label". A table lists the fields for the Passport object:

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)		✓

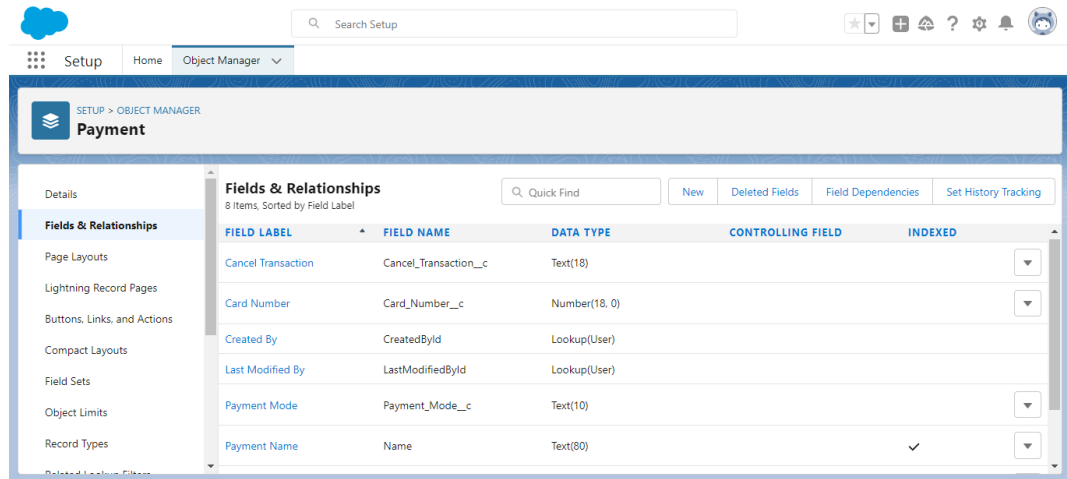
Visa slot with Four fields is created



The screenshot shows the Salesforce Setup interface for the "Visa slot" object. The left sidebar 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 Visa slot". Below the title bar, there is a "Fields & Relationships" section with a search bar and buttons for "New", "Deleted Fields", "Field Dependencies", and "Set History Tracking". The section indicates "7 Items, Sorted by Field Label". A table lists the fields for the Visa slot object:

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		✓

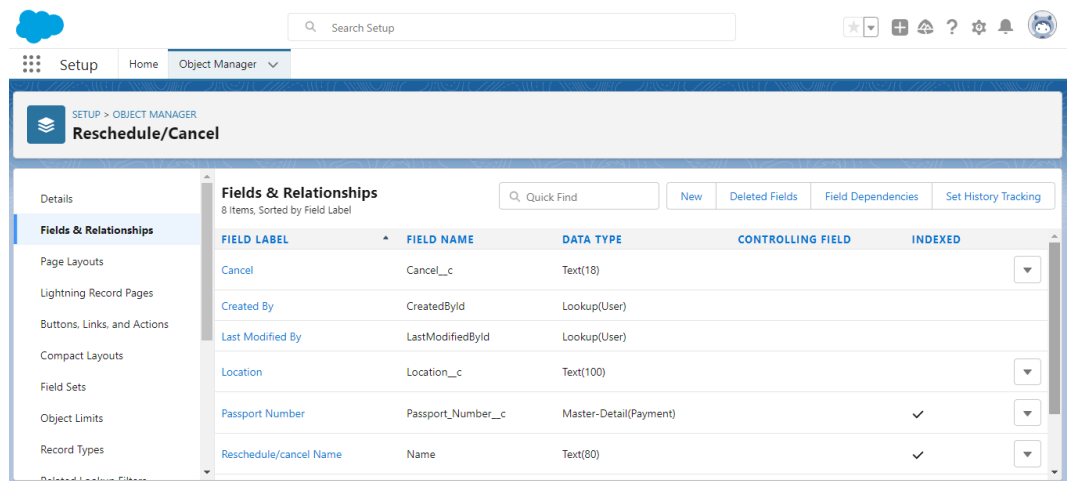
Payment with five fields is created



The screenshot shows the Salesforce Setup interface for the 'Payment' object. The 'Fields & Relationships' tab is selected, 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.

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' tab is selected, displaying a table of 8 fields. The fields are: Cancel, Created By, Last Modified By, Location, Passport Number, and Reschedule/cancel Name. The 'Passport Number' field is highlighted in blue.

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

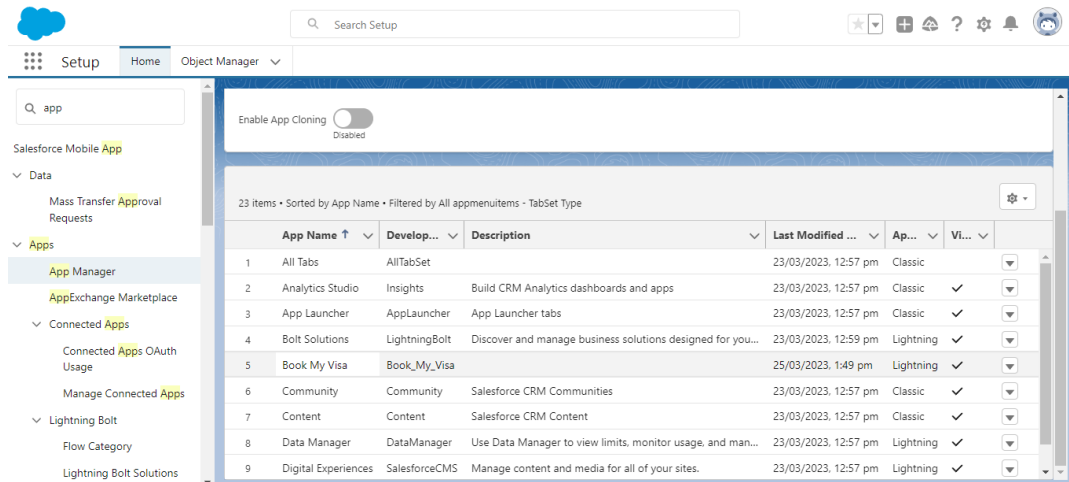
We have created Master Detail Relationship between Passport and Visa.

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'

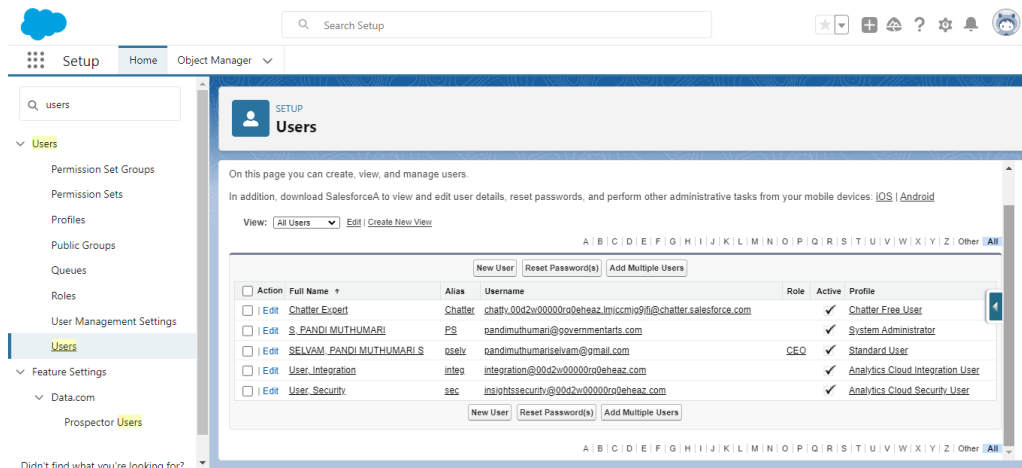


The screenshot shows the Salesforce Setup interface. On the left sidebar, the 'Apps' section is expanded, and 'App Manager' is selected. The main content area displays a list of 23 items, sorted by App Name. The 'Book My Visa' app is highlighted in the list.

App Name	Develop...	Description	Last Modified ...	Ap...	Vi...
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. On the left sidebar, the 'Users' section is expanded. The main content area displays the 'Users' page, which includes a table of users and buttons 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	chatter.0042v00000ro0heaz@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	S. PANDI MUTHUMARI	PS	pandimuthumari@governmentarts.com		✓	System Administrator
<input type="checkbox"/> Edit	SELVAM PANDI MUTHUMARI S	oselv	pandimuthumari@selvam@gmail.com	CEO	✓	Standard User
<input type="checkbox"/> Edit	User Integration	integ	integration@0042v00000ro0heaz.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	ins@0042v00000ro0heaz.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 a Salesforce report interface. At the top, there's a search bar and navigation tabs. The report title is 'Passport With Visa Location'. Below the title, there's a summary table with columns for Location, Passport Number, and Total. The summary table shows data for Chennai, Hyderabad, Mumbai, and New Delhi. Below the summary table, there's a details table with columns for Passport Name, Visa slot Name, Payment Name, and Visa Slot Number. The details table shows 4 rows of data.

Location	Passport Number	1,23,45,67,890	2,34,56,78,901	3,45,67,89,012	4,56,78,90,123	Total
Chennai	Sum of Visa Slot Number	0	0	3	0	3
	Record Count	0	0	1	0	1
Hyderabad	Sum of Visa Slot Number	0	0	0	4	4
	Record Count	0	0	0	1	1
Mumbai	Sum of Visa Slot Number	0	2	0	0	2
	Record Count	0	1	0	0	1
New Delhi	Sum of Visa Slot Number	1	0	0	0	1
	Record Count	1	0	0	0	1

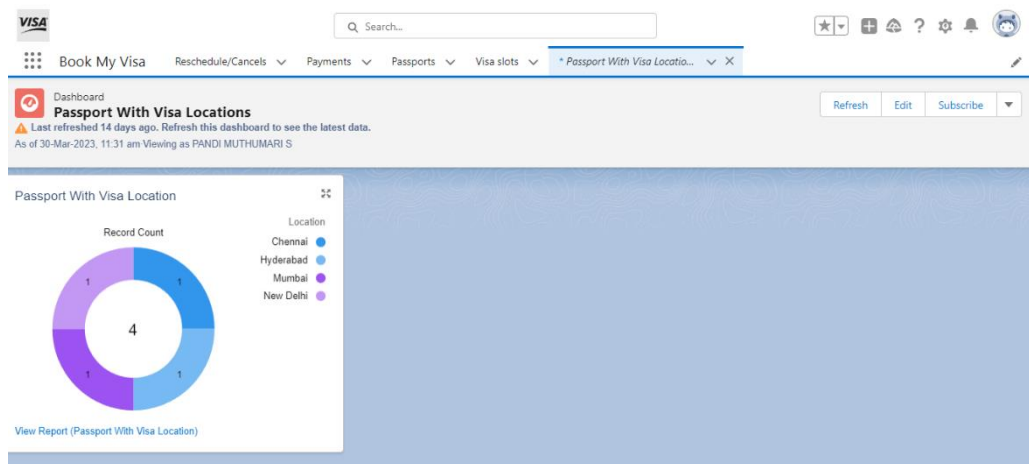
Passport Name	Visa slot Name	Payment Name	Visa Slot Number
1 Divya	V-0003	Divya	3
2 Marish	V-0004	Marish	4
3 Guna	V-0002	Guna	2

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/pselvam32>
Team Member 1 - <https://trailblazer.me/id/mona1153>
Team Member 2 - <https://trailblazer.me/id/ggunaguna>
Team Member 3 - <https://trailblazer.me/id/sdivya67>

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.