

CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT

TEAM LEADER : **PONNESHWARI M**

TEAM MEMBER : **OVIYA L**

PAVITHRA C

PAVITHRA K

SUGANYA K

CRM application that helps to book a visa slot

OBJECTIVES

A visa slot management project is a system that is used to track and manage the availability of visa slots, which are appointment that are required for certain visa applications.it might be used by a government agency or a visa processing centre to scheduled and manage appointments with applicants.

1 INTRODUCTION

OVERVIEW

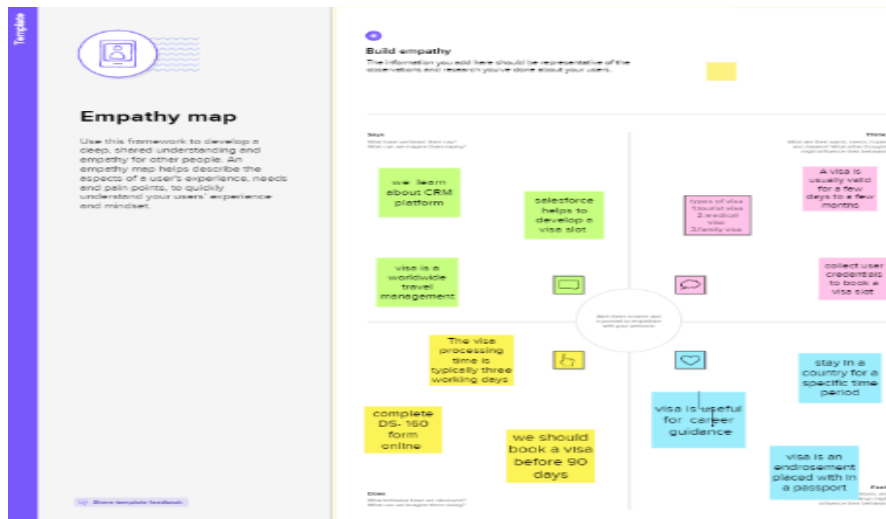
The use of visa to regulate entry from one country to another country has been practice for a very long time. this is because different countries have different laws and regulations regarding who should or should not enter their territorial boundaries. However, some countries have introduced visa free entry programs for various reason. This paper briefly discusses the advantages of visa-free entry to all countries and how the same will be useful to people and governments.

PURPOSE

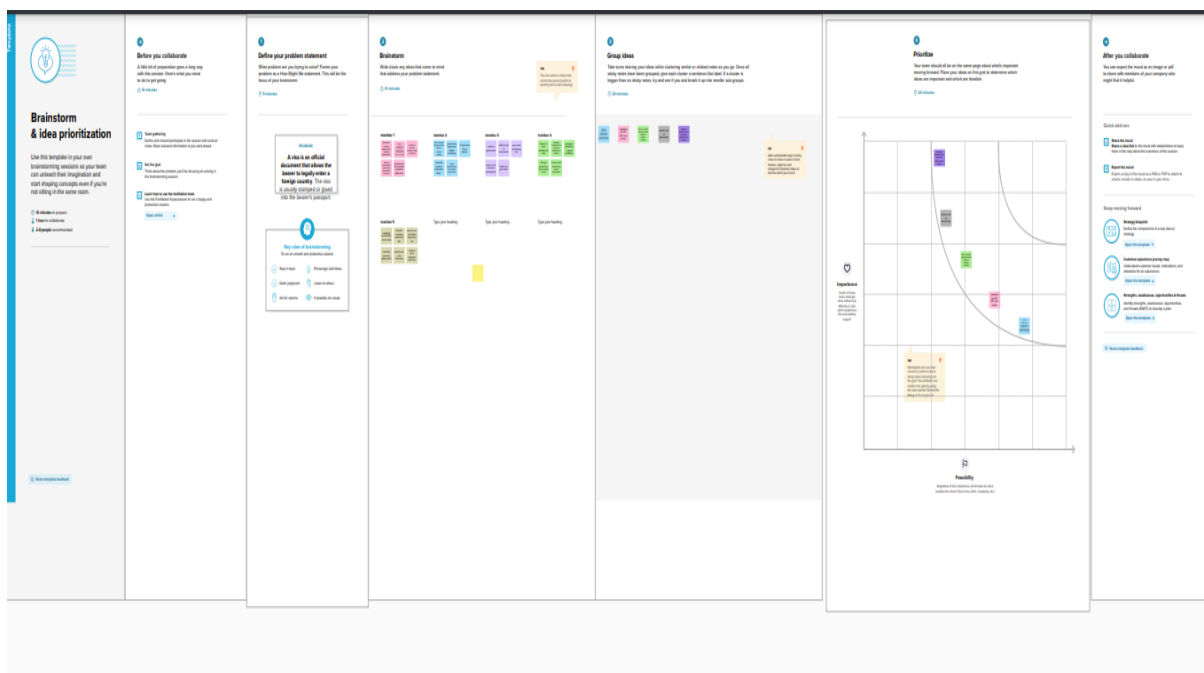
- A visa is an official document that allows the bearer to legally enter a foreign country.
- The visa is a usually stamped or glued into the bearer's passport.
- There are several different types of visas, each of which afford the bearer different rights in the host country
- Tackle illegal immigration
- Manage security concerns
- Reciprocate visa restrictions imposed on their own nationals.

2 PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3 RESULT

3.1 Data Model :

OBJECT NAME	FIELD IN THE OBJECT	
PASSPORT	FIELD LABEL	DATA TYPE
	Contact number	number
	Passport name	text
	Passport number	text
VISA SLOT	FIELD LABEL	DATA TYPE
	Visa slot name	text
	Visa slot number	text
RESCHDULED/CANCEL	FIELD LABEL	DATA TYPE
	Rescheduled /cancel name	text
	time	number
PAYMENT	FIELD LABEL	DATA TYPE
	Card number	text
	Transaction cancel	text

3.2 ACTIVITY & SCREENSHOT

MILESTONE 1 : CREATION OF DEVELOPER ORG

ACTIVITY 1 : CREATING DEVELOPER ACCONT

DESCRIPTION

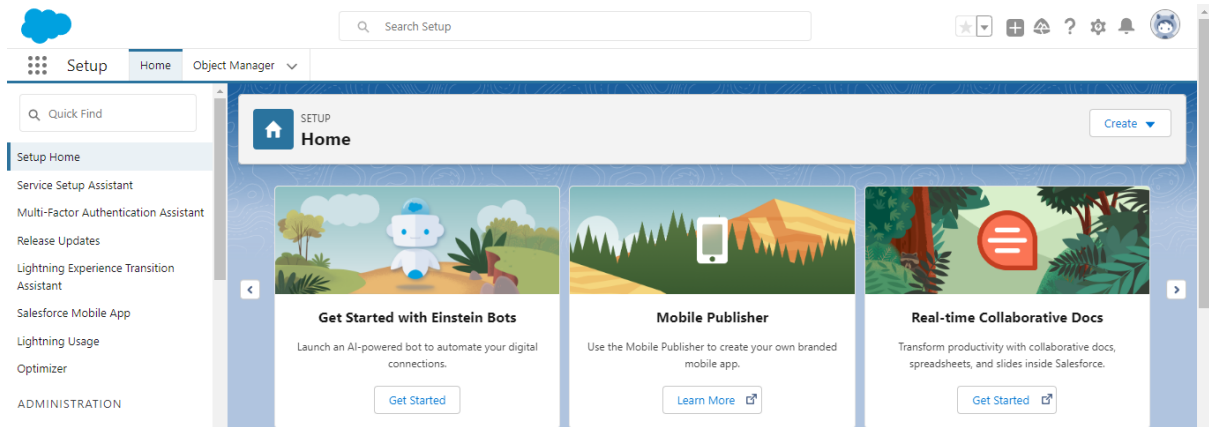
1. Go to developers.salesforce.com/
2. Click on sign up.
3. On the sign up form, enter the following details :
 1. First name & Last name
 2. Email
 3. Role : Developer
 4. Company : College Name
 5. County : India
 6. Postal Code : pin code
 7. Username : should be a combination of your name and company This need not be an actual email id, you can give anything in the format : username@organization.com

ACCOUNT ACTIVATION

Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins,

LOGIN TO SALESFORCE ACCOUNT

- 1.Go to salesforce.com and click on login.
- 2.Enter the username and password that you just created.
- 3.After login this is the home page which you will see.



MILESTONE 2 : OBJECTS

ACTIVITY 1 : CREATION OF CUSTOM OBJECT

DESCRIPTION

- 1) to setup and select object manager.
- 2) At Navigate the top of the right side there you can find create custom object
- 3) You will navigate to custom object definition edit where you have to give the object name.
- 4) The label name has Passport and Plural label has Passports
- 5) In enter record name label and format enter name record name has passport number
- 6) And the data type has text.
- 7) In deployment status select deployed option.
- 8) Ensure that you have to select at least one option in the object creation option; it is available only once when a custom object is created.
- 9) Then click on next you will navigate to the new custom object tab where you have to select tab style and click on next.

1.PASSPORT

Setup	Home	Object Manager
Object Manager		
1 Items, Sorted by Label		
LABEL	API NAME	TYPE
Passport	Passport__c	Custom Object
		LAST MODIFIED
		DEPLOYED
		09/04/2023
		✓

2.VISA SLOT

Setup	Home	Object Manager
Object Manager		
1 Items, Sorted by Label		
LABEL	API NAME	TYPE
Visa Slot	Visa_Slot__c	Custom Object
		LAST MODIFIED
		DEPLOYED
		16/03/2023
		✓

3.RESCHEDULED/CANCEL

Setup	Home	Object Manager
Object Manager		
1 Items, Sorted by Label		
LABEL	API NAME	TYPE
reschedule/cancel	reschedule_cancel__c	Custom Object
		LAST MODIFIED
		DEPLOYED
		22/03/2023
		✓

4.PAYMENT

Setup	Home	Object Manager
Object Manager		
10 Items, Sorted by Label		
LABEL	API NAME	TYPE
Alternative Payment Method	AlternativePaymentMethod	Standard Object
Card Payment Method	CardPaymentMethod	Standard Object
Payment	Payment__c	Custom Object
		LAST MODIFIED
		DEPLOYED
		09/04/2023
		✓

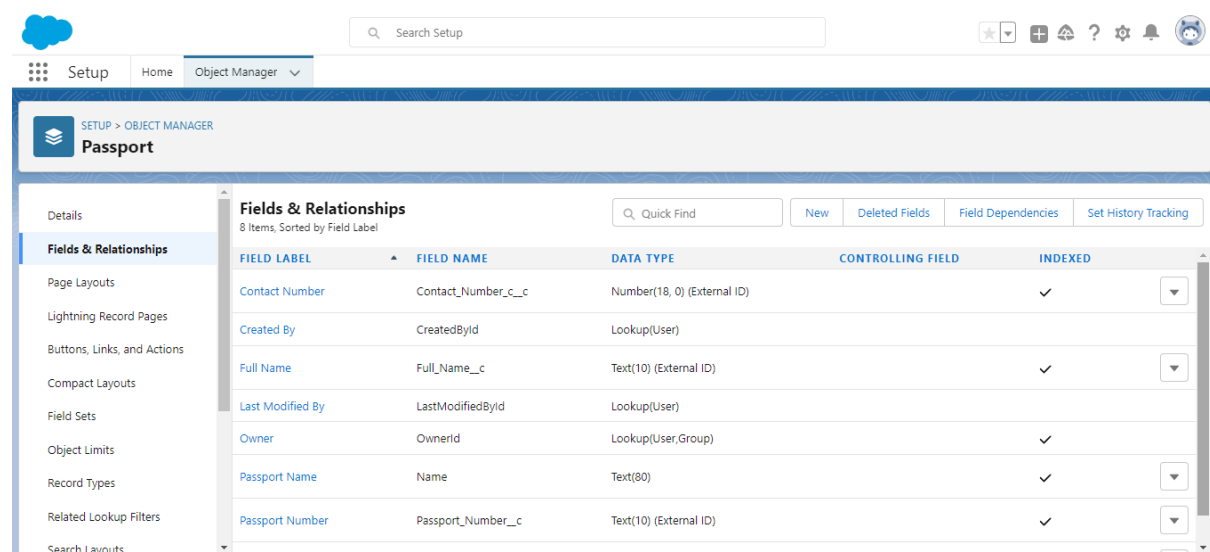
ACTIVITY 2 : FIELDS AVAILABLE ON CUSTOM OBJECT

CREATION OF FIELDS ON CUSTOM OBJECT

DESCRIPTION

- 1) Select your object from object selection has passport.
- 2) And select the option fields and relationships.
- 3) At the top right side you can find a new select that option
- 4) Now you have to select data type, select number has data type.
- 5) And you will navigate to enter the details page where you give the field label.
- 6) And give the label name has Contact number.
- 7) And length should be 10 at the bottom of the object you can find options like required ,unique, external id select required option so that always require a value in this field in order to save.
- 8) Click next you will navigate to field level security click on visible checkbox so that it is visible to all profiles
- 9) Select the next option, select the page layout and save it.

1.PASSPORT



The screenshot displays the Salesforce Passport Fields & Relationships page. The page title is "SETUP > OBJECT MANAGER Passport". The left sidebar shows the navigation menu with "Fields & Relationships" selected. The main content area shows a table of fields for the Passport object, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Contact Number, Created By, Full Name, Last Modified By, Owner, Passport Name, and Passport Number.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Number	Contact_Number_c__c	Number(18, 0) (External ID)		✓
Created By	CreatedById	Lookup(User)		
Full Name	Full_Name__c	Text(10) (External ID)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Passport Name	Name	Text(80)		✓
Passport Number	Passport_Number__c	Text(10) (External ID)		✓

2.VISA SLOT

The screenshot shows the Salesforce Setup interface. The top navigation bar includes a search bar labeled 'Search Setup' and several utility icons. The left sidebar shows the 'Setup' menu with 'Object Manager' selected. The main content area is titled 'SETUP > OBJECT MANAGER Visa Slot'. On the left, a sidebar lists various configuration options, with 'Fields & Relationships' selected. The main panel displays a table of fields for the 'Visa Slot' object, sorted by field label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Contact Number, Created By, Last Modified By, Location, Passport Number, Passport Number (Master), and Time.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Number	Contact_Number__c	Number(10, 0)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(10) (External ID)		✓
Passport Number	Passport_Number__c	Master-Detail(Passport)		✓
Passport Number (Master)	Passport_Number_Master__c	Number(18, 0) (External ID)		✓
Time	Time__c	Text(10) (External ID)		✓

3.RESCHEDULE/CANCEL

The screenshot shows the Salesforce Setup interface for the 'reschedule/cancel' object. The top navigation bar and left sidebar are identical to the previous screenshot. The main content area is titled 'SETUP > OBJECT MANAGER reschedule/cancel'. The 'Fields & Relationships' sidebar is selected, displaying a table of fields for the 'reschedule/cancel' object, sorted by field label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Cancel, Contact Number, Created By, Last Modified By, Location, Owner, and Passport Number (Master).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel	Cancel__c	Text(10) (External ID)		✓
Contact Number	Contact_Number__c	Number(10, 0)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(10) (External ID)		✓
Owner	OwnerId	Lookup(User,Group)		✓
Passport Number (Master)	Passport_Number_Master__c	Text(10) (External ID)		✓

4.PAYMENT

The screenshot shows the Salesforce Setup interface for the 'Payment' object. The left sidebar contains navigation options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows a list of 9 items, sorted by Field Label. The table below lists the fields and their properties.

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

MILESTONE 3 : RELATION B/W OBJECT

ACTIVITY 1 : CREATION OF RELATION

DESCRIPTION

To create a Master Detail relationship between Passport and Visa.

- 1) Go to the Set Up option from the Home Page and click on it.
- 2) Go to the object manager and select 'visa' object from the list
- 3) And select fields and relationships and click on new
- 4) Select the data type has Master detail relationship
- 5) And select related to the object has passport, and click on next
- 6) You will navigate to the label name page where you give the label name for the field, give it has passport number and click next.
- 7) Select visible for all profiles in field level security and select page layout in next page and save it

The screenshot shows the Salesforce Object Manager page for the 'Visa' object. The left sidebar contains navigation options: Setup, Home, and Object Manager (selected). The main content area is titled 'Object Manager' and shows a list of 1 item, sorted by Label. The table below lists the objects and their properties.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Visa Slot	Visa_Slot__c	Custom Object		16/03/2023	✓

SETUP > OBJECT MANAGER
Visa Slot

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Field Label

Field Name

Description

Help Text

Child Relationship Name

Required ☐ Always require a value in this field in order to save a record

What to do if the lookup record is deleted? ☒ Clear the value of this field. You can't choose this option if you make this field required.

☐ Don't allow deletion of the lookup record that's part of a lookup relationship.

Auto add to custom report type ☒ Add this field to existing custom report types that contain this entity

MILESTONE 4 : APP

ACTIVITY : CREATION OF APP

DESCRIPTION

- 1) Navigate to setup and search for app manager
- 2) And select an option for a new lightning app.
- 3) Give the app name has book my visa.
- 4) Upload the picture and click next
- . 5) Choose the app option as navigation style- standard navigation, support from factors-desktop & mobile and select next
- . 6) And move the objects from available items to selected items.
- 7) Passport, visa slots, payments ,reschedule/cancel to selected items
- . 8) And system admin profile to available items to selected items

Lightning App Builder

App Settings

Pages

Book my visa

Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.


App Details

App Branding

* App Name ⓘ
Book my visa

* Developer Name ⓘ
Book_my_visa

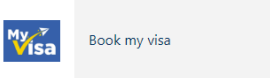
Description ⓘ
Enter a description...

Image ⓘ

Clear

Primary Color Hex Value ⓘ

#0070D2

Org Theme Options
☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview


Lightning App Builder

App Settings

Pages

Book my visa

Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

Available Items

Selected Items

Type to filter list...

Accounts

Alert Settings

All Sites

Alternative Payment Methods

App Launcher

Appointment Invitations

Approval Requests

Passports

Visa Slots

reschedule/cancels

Payments

Lightning App Builder

App Settings

Pages

Book my visa

Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

User Profiles

Choose the user profiles that can access this app.

Available Profiles

Selected Profiles

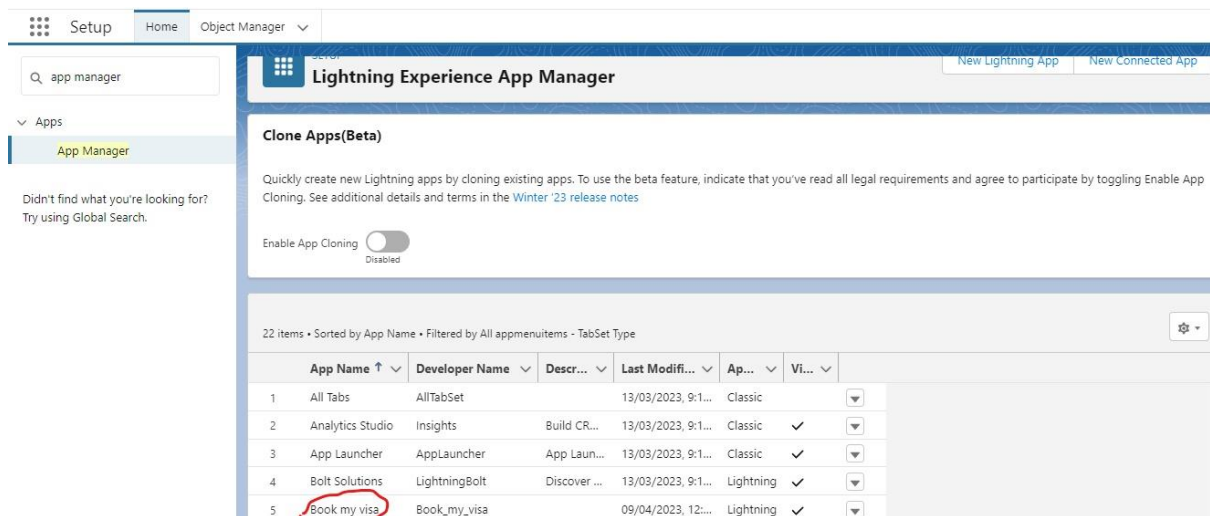
Type to filter list...

Analytics Cloud Integration User

Analytics Cloud Security User

Authenticated Website

System Administrator



MILESTONE 5 : USER

ACTIVITY : CREATION OF USER

DESCRIPTION

- 1) Navigate to setup in quick find search bar
- 2) Type user in and select it and click on new user.
- 3) Give the first name and last name
- 4) Enter your email in the email field.
- 5) Enter username; it must be unique.
- 6) Select the user license of salesforce.
- 7) In the profile field select standard user
- 8) At the bottom of the page check the box to generate a new password and notify the user immediately.

Setup

Home

Object Manager

Q USERS

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Didn't find what you're looking for?
Try using Global Search.

SETUP

Users

User Ponneshwari M

Permission Set Assignments | Permission Set Assignments: Activation Required | Permission Set Group Assignments | Permission Set License Assignments | Personal Groups | Public Group Membership | Queue Membership | Team | Managers in the Role Hierarchy | OAuth Connected Apps | Third-Party Account Links | Installed Mobile Apps | Authentication Settings for External Systems | Login History | User Provisioning Accounts

User Detail

Edit

Sharing

Reset Password

Freeze

Name	PONNESHWARI M	Role	
Alias	pm	User License	Salesforce
Email	jothipandi.26@gmail.com	Profile	Standard User
Username	jothipandi.2614@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User16007019721156751826	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>

ACTIVITY 2: ORGANIZATION WIDE DEFAULT SETTINGS

Setup

Home

Object Manager

Q SHARING SETT

Security

Sharing Settings

Didn't find what you're looking for?
Try using Global Search.

SETUP

Sharing Settings

Sharing Settings

This page displays your organization's sharing settings. These settings specify the level of access your users have to each others' data. Go to [Background Jobs](#) to monitor the progress of a change to an organization-wide default or a parallel sharing recalculation.

Manage sharing settings for: All Objects

Disable External Sharing Model

Default Sharing Settings

Organization-Wide Defaults

Object	Default Internal Access	Default External Access	Grant Access Using Hierarchies
Lead	Public Read/Write/Transfer	Private	<input checked="" type="checkbox"/>
Account and Contract	Public Read/Write	Private	<input checked="" type="checkbox"/>
Contact	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>

Setup

Home

Object Manager

Q SHARING SETT

Security

Sharing Settings

Didn't find what you're looking for?
Try using Global Search.

SETUP

Sharing Settings

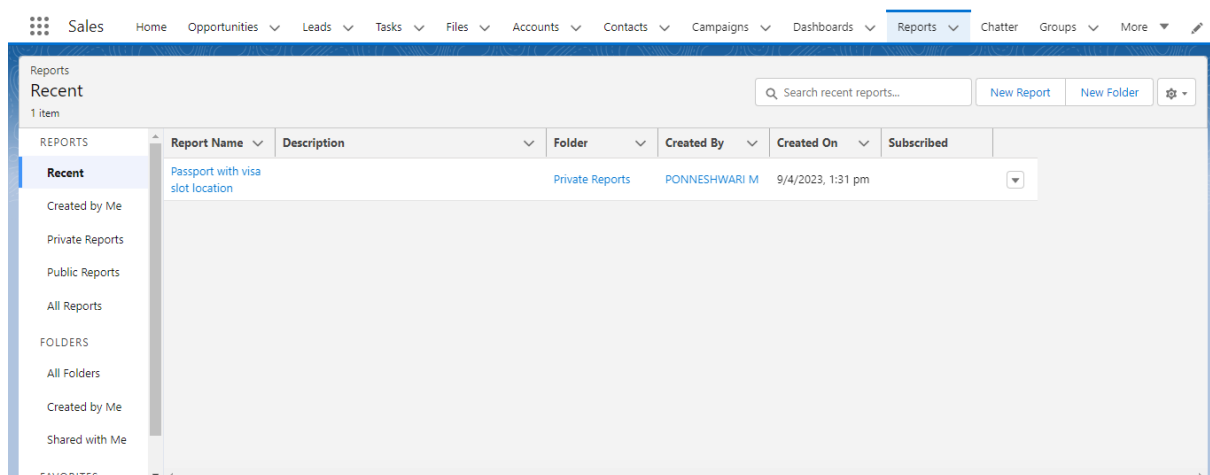
Work Type	Private	Private	<input checked="" type="checkbox"/>
Work Type Group	Private	Private	<input checked="" type="checkbox"/>
Passport	Public Read/Write	Public Read/Write	<input checked="" type="checkbox"/>

MILESTONE 6 : REPORTS

ACTIVITY 1: CREATION OF REPORT

DESCRIPTION

- 1) Click on the app launcher and search for reports.
- 2) And select a new report, for the record type category select other reports.
- 3) Select passport with visa slots for the report type name
- 4) Select the start button to create a new report
- 5) At the left side of the report you can find an outline pane.
- 6) In the group rows select location.
- 7) In the group columns select passport: passport number to display.
- 8) And in columns select visa slot number.
- 9) Now navigate to the filter pane available next to the outline pane and ensure in the show me section all passports is selected.
- 10) And in the passport created date select all time.
- 11) And give the label name Passports with visa locations.
- 12) Click on save and run for saving the report.



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

REPORT Passport with visa locations Passports with Visa Slots with Payments Got Feedback? Add Chart Save & Run Save Close Run

Outline Filters Previewing a limited number of records. Run the report to see everything. Update Preview Automatically

Location	Passport ID	a042w0000vMTBq	a042w0000vNRg3	Total
New Delhi	Record Count	1	0	1
Mumbai	Record Count	1	0	1
Chennai	Record Count	0	1	1
Hyderabad	Record Count	1	1	2
Total	Record Count	3	2	5

Details (5 Rows) Click an intersection in the table above to filter details.

	Passport Number	Visa Slot Number
1	09r243	V-00002
2	09r243	V-00003
3	3536we	V-00004
4	09r243	V-00001

Row Counts Detail Rows Grand Total Stacked Summaries Conditional Formattin

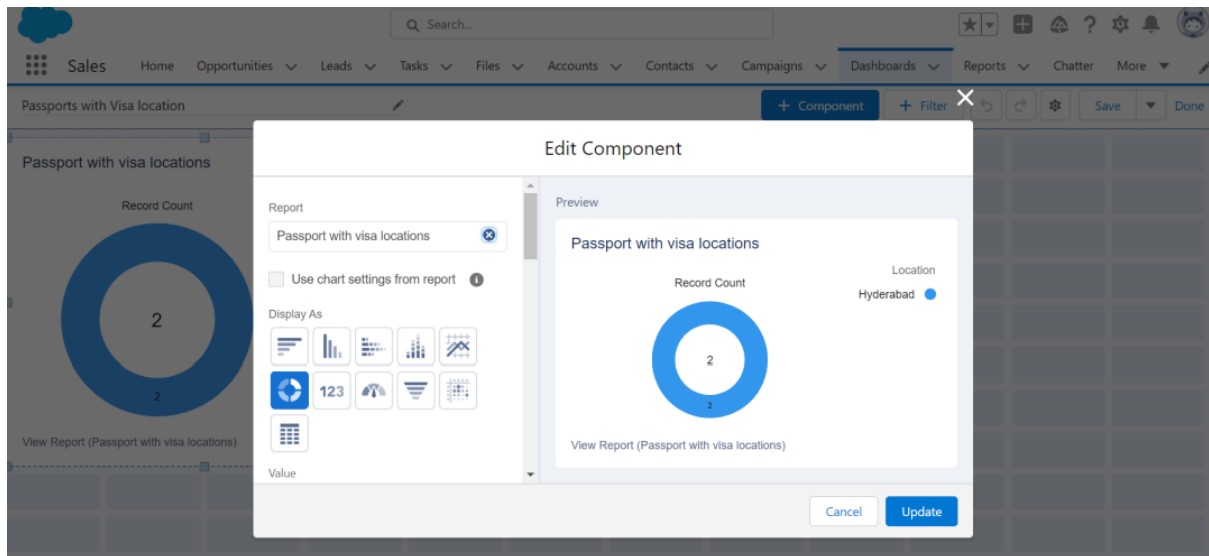
MILESTONE 7 : DASHBOARDS

ACTIVITY :

CREATION OF DASHBOARD

DESCRIPTION

- 1) Click on the app launcher and search for dashboards.
- 2) Select the new dashboard option.
- 3) Name the dashboard has a Passport with visa locations.
- 4) And select create option.
- 5) Now click on Add component and for report select passport with locations.
- 6) Select the donut chart in display as section.
- 7) Ensure that value is record count and sliced by locations.
- 8) Leave the default values.
- 9) Click on add.
- 10) And save the dashboard.



4 TRAILHEAD PROFILE PUBLIC URL

TEAM LEADER – [https:// trailblazer.me/id/ponnm2](https://trailblazer.me/id/ponnm2)

TEAM MEMBER 1 – <https://trailblazer.me/id/oviyl>

TEAM MEMBER 2 -- <https://trailblazer.me/id/pavic14>

TEAM MEMBER 3 – <https:// trailblazer.me/id/pavik36>

TEAM MEMBER 4 -- <https:// trailblazer.me/id/sugak14>

5 ADVANTAGES

- It is internationally much more accepted.
- Many online platforms allows only this card type transaction.
- Easier to visit more countries.
- Saves time and money.

- **Increases safety and security.**
- **Better for the environment.**
- **You can apply anywhere at any time .**
- **Blocking of card can be done anywhere in the world.**

DISADVANTAGES

- **If any criminal record be could not able to book a visa slot**
- **Damage passport doesn't accepted**
- **Foreign nationals coming status of period a 90days**

APPLICATIONS

- **To established an industrial /business venture or to explore possibilities business venture in india**
- **To purchase /sell industrial products or commercial products or consumer durables business services support**
- **For recruitment of manpower**
- **Functioning as partners/ directors of the company**
- **On visit of short duration for monitoring / conducting meetings for ongoing projects**
- **For pre-sales or post sales activity not amounting to actual execution of any contract or project**

CONCLUSION

With the ability to integrate with other salesforce products, such as service cloud, salesforces visa slot booking can provide a comprehensive view of a customer's entire experience with an organization.

FUTURE SCOPE

Customer relationship management usually used for visa slot booking method of program

Hope you now have some concrete points to backup your decision of moving the to the states for pursuing Higher education many countries have visa waiver agreements.

PRESENTATION VIDEO LINK

https://drive.google.com/drive/folders/1nQ25ch1fnXRaqOt8_8nCMlWFRI4c28Ge

THANK YOU