

CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT

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. It might be used by a government agency or a visa processing center to schedule and manage appointments with applications.

1.2 PURPOSE

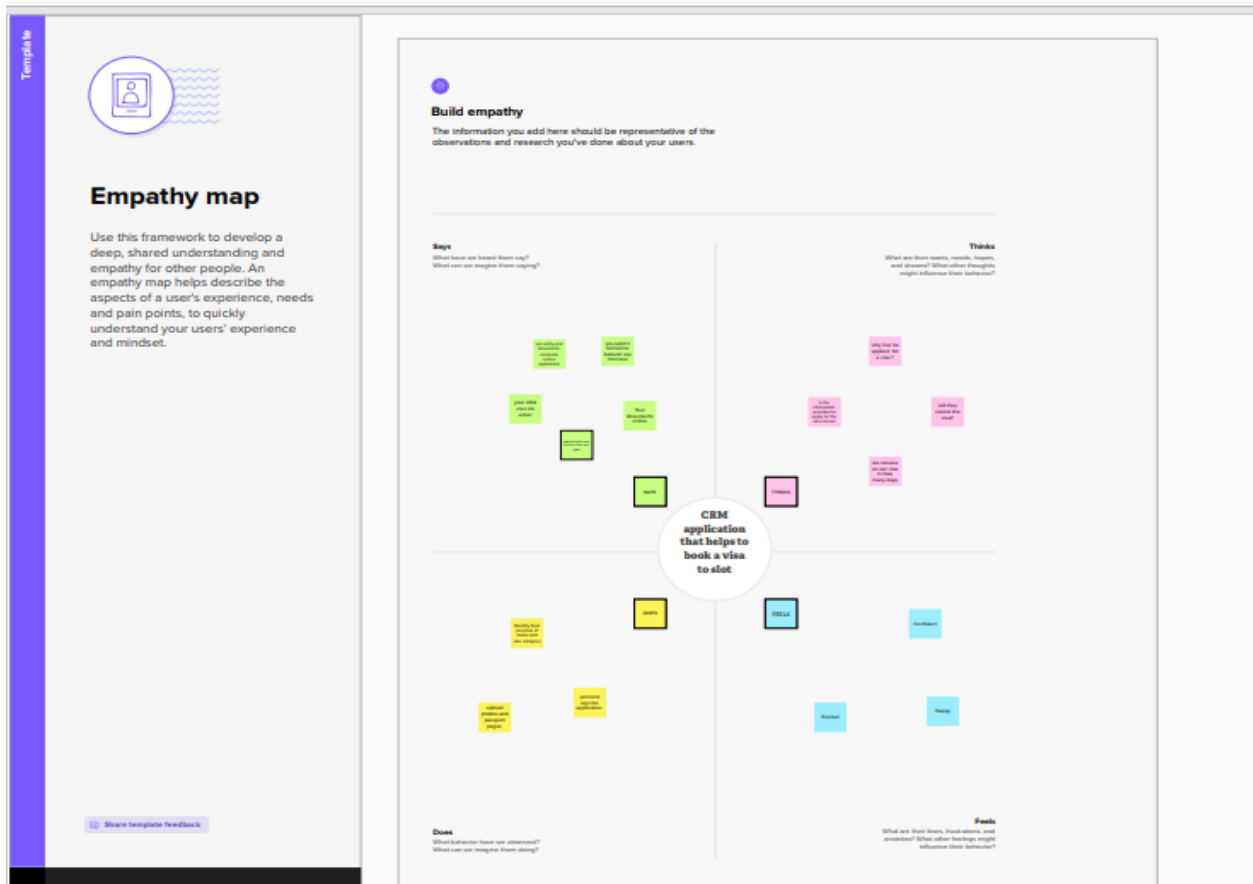
The purpose of applying for a visa is to obtain legal permission from a foreign government to enter and stay in their country for a specific period of time and for a specific purpose.

The visa application process is designed to assess the eligibility of the traveler to enter the country and to ensure that the purpose of their visit aligns with the category they are applying for.

The application process typically involves submitting various documents, such as a passport, travel itinerary, proof of funds, and a visa application form.⁵

2 PROBLEM DEFINITION & DESIGN THINKING

2.1 EMPATHY MAP



[illegible]

3.1 DATA MODEL:

OBJECT NAME	FIELDS IN THE OBJECT	
PASSPORT	Field label	Data type
	Full name	Text
	Passport number	Text
	Contact number	Number
	Permanent address	Text

Visa slot	Field Label Location	Data type Text
	Time	Time
	Passport number	Master detail relationship
	Visa slot number	Text
payment	Field Label	Data type
	Payment mode	Text
	Card Number	Number
	Transaction id	Text
	Visa slot Number	Master detail relationship

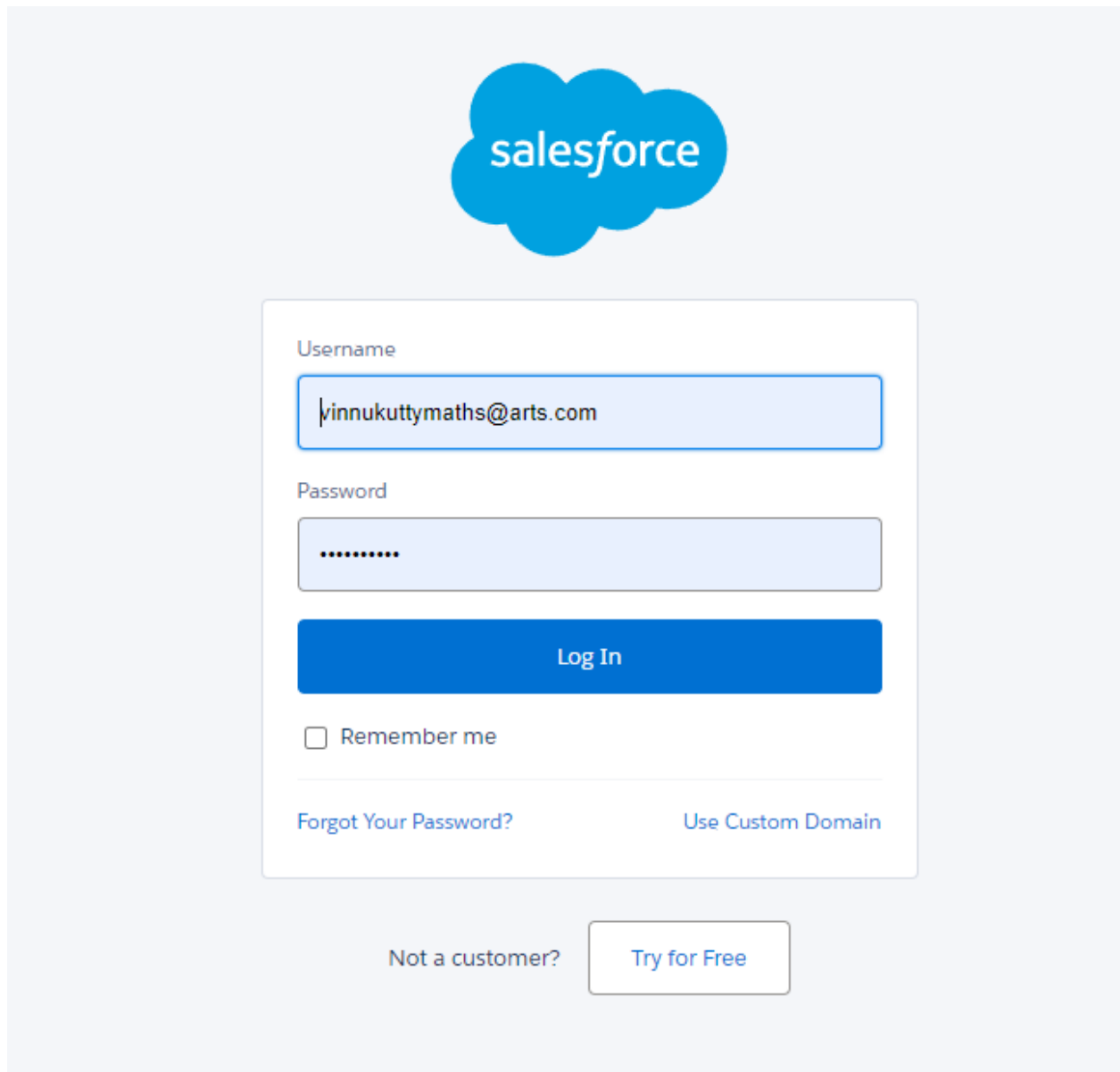
Reschedule/cancel	Field Label	Data type
	Passport number	Master detail relationship
	Location	Text
	Time	Time
	Cancel	Text
	status	Text

3.2 ACTIVITY & SCREENSHOT

MILESTONE-1: CREATION OF DEVELOPER ORG.

ACTIVITY 1 : Creating Developer account

I go developers.Salesforce . com/ website. Next I create my salesforce account using given instructions of my projec pdf.



The screenshot shows the Salesforce login interface. At the top center is the Salesforce logo, which consists of a blue cloud shape with the word "salesforce" in white lowercase letters. Below the logo is a white rectangular login form. Inside the form, there are two input fields: the first is labeled "Username" and contains the email address "vinnukuttymaths@arts.com"; the second is labeled "Password" and contains a series of dots. Below these fields is a blue button with the text "Log In" in white. Under the "Log In" button is a checkbox labeled "Remember me". At the bottom of the form, there are two links: "Forgot Your Password?" on the left and "Use Custom Domain" on the right. Below the login form, centered, is the text "Not a customer?". To the right of this text is a button labeled "Try for Free".

MILESTONE-2: OBJECTS

ACTIVITY-1 : Create a custom object passport

The screenshot displays the Salesforce Setup interface for configuring a custom object named 'Passport'. The top navigation bar includes the Salesforce logo, a search bar labeled 'Search Setup', and various utility icons. Below this, the 'Setup' menu is open, showing 'Home' and 'Object Manager' as options. The 'Object Manager' section is active, displaying a list of objects. The 'Passport' object is selected, and its configuration details are shown in the main area.

Setup > OBJECT MANAGER

Passport

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Details

Description

API Name
Passport__c

Custom
✓

Singular Label
Passport

Plural Label
Passports

Enable Reports

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Create custom object : visa slot


The screenshot displays the Salesforce Setup interface for configuring a custom object named 'Visa slot'. The top navigation bar includes the Salesforce logo, a search bar labeled 'Search Setup', and various utility icons. The main navigation menu on the left shows 'Setup' as the active section, with 'Home' and 'Object Manager' also visible. The 'Object Manager' dropdown is expanded, showing the 'Visa slot' object. The main content area is titled 'SETUP > OBJECT MANAGER Visa slot' and features a left-hand sidebar with a list of configuration options: 'Details' (selected), 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', and 'Related Lookup Filters'. The 'Details' section is further divided into two columns. The left column contains the following fields: 'Description' (empty), 'API Name' (Visa_slot__c), 'Custom' (checked with a green checkmark), 'Singular Label' (Visa slot), 'Plural Label' (Visa slots), and 'Visa slots'. The right column contains: 'Enable Reports' (empty), 'Track Activities' (empty), 'Track Field History' (empty), 'Deployment Status' (Deployed), 'Help Settings' (Standard salesforce.com Help Window), and 'Standard salesforce.com Help Window'. At the top right of the 'Details' section, there are 'Edit' and 'Delete' buttons.



Setup > OBJECT MANAGER
Visa slot



Details [Edit](#) [Delete](#)



Description	
API Name	Visa_slot__c
Custom	✓
Singular Label	Visa slot
Plural Label	Visa slots
Visa slots	
Enable Reports	
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window
Standard salesforce.com Help Window	



Create custom object : Payment












Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Payment

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Details

EditDelete

Description

API Name

Payment__c

Custom

✓

Singular Label

Payment

Plural Label

Payments

Enable Reports

Track Activities

Track Field History

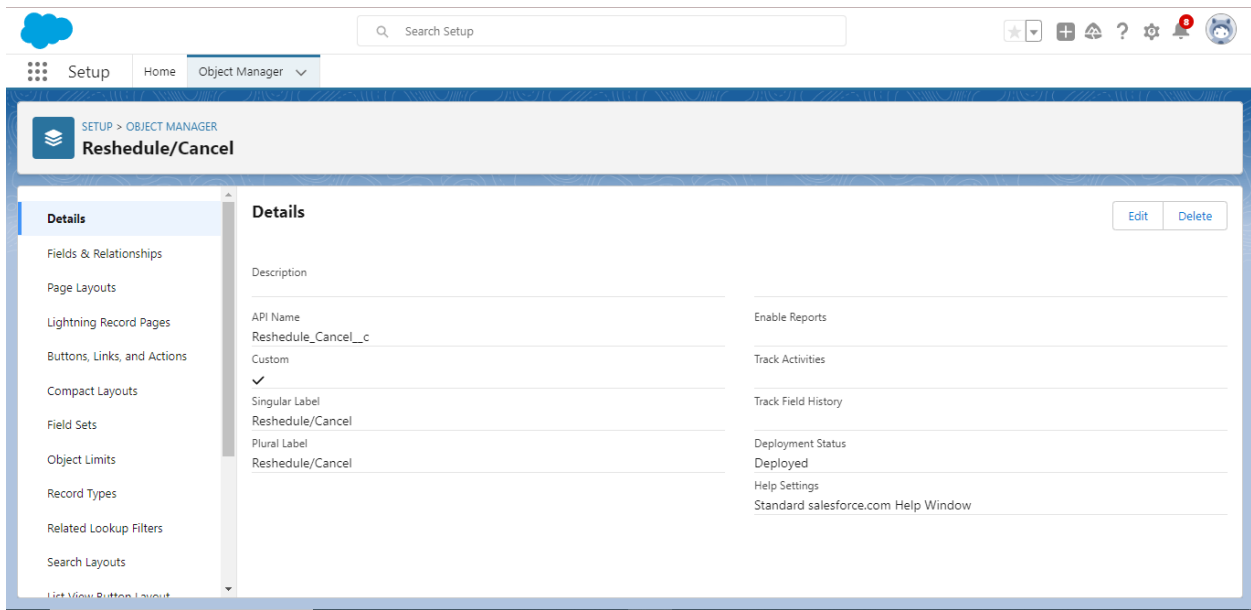
Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

Create custom object : Reschedule / cancel



ACTIVITY 2:

Creation of fields on custom object : object passport

The screenshot shows the Salesforce Setup interface. The top navigation bar includes the Salesforce logo, a search bar labeled "Search Setup", and several utility icons. Below this, the "Setup" menu is open, showing "Home" and "Object Manager". The "Object Manager" page is displayed, with the "Visa slot" object selected. The left sidebar contains a list of setup 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, Search Layouts, and List View Button Layout. The main content area is titled "Fields & Relationships" and shows a table of fields for the "Visa slot" object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. There are 6 items listed, sorted by Field Label. The fields are: Created By (CreatedById, Lookup(User)), Last Modified By (LastModifiedById, Lookup(User)), Location (Location__c, Text(25)), Passport Number (Passport_Number__c, Master-Detail(Passport)), Time (Time__c, Time), and Visa slot Number (Name, Text(80)).

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
Search Layouts
List View Button Layout

Fields & Relationships
6 Items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(25)		
Passport Number	Passport_Number__c	Master-Detail(Passport)		✓
Time	Time__c	Time		
Visa slot Number	Name	Text(80)		✓

Creation of fields on custom object : visa slot

The screenshot shows the Salesforce Setup interface for the 'Visa slot' custom object. The left sidebar contains a navigation menu with options like 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, and List View Button Layout. The main content area is titled 'Fields & Relationships' and shows 6 items, sorted by Field Label. The table below 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(25)		
Passport Number	Passport_Number__c	Master-Detail(Passport)		✓
Time	Time__c	Time		
Visa slot Number	Name	Text(80)		✓

Creation of fields on custom object : payment

The screenshot shows the Salesforce Setup interface for the 'Payment' custom object. The left sidebar contains a navigation menu with options like 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, and List View Button Layout. The main content area is titled 'Fields & Relationships' and shows 7 items, sorted by Field Label. The table below lists the fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel transaction	Cancel_transaction__c	Text(70)		
Card Number	Card_Number__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Payment mode	Name	Text(80)		✓
Transaction id	Transaction_id__c	Auto Number		
Visa Slot number	Visa_Slot_number__c	Master-Detail(Visa slot)		✓

Creation of fields on custom object : Reschedule/ cancel

The screenshot shows the Salesforce Setup interface for the 'Reschedule/Cancel' custom object. The left sidebar contains navigation links: 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 8 items sorted by Field Label. The table below lists the fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel	Cancel__c	Text(70)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(25)		
Passport number	Passport_number__c	Master-Detail(Passport)		✓
Reschedule/Cancel Name	Name	Text(80)		✓
Status	Status__c	Text(70)		
Time	Time__c	Time		

MILESTONE: 3 RELATIONSHIP BETWEEN OBJECTS :

ACTIVITY -1 Creation of relationship

To create of relationship

The screenshot shows the Salesforce Setup interface for the 'Visa slot' custom object. The left sidebar contains navigation links: 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 6 items sorted by Field Label. The table below 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(25)		
Passport Number	Passport_Number__c	Master-Detail(Passport)		✓
Time	Time__c	Time		
Visa slot Number	Name	Text(80)		✓

To create BOOK MY VISA lighting app

ACTIVITY -1 : Create of user

Setup

Home

Object Manager

Users

Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings

Users

Feature Settings
Data.com
Prospector Users
User Interface

SETUP

Users

All Users

On this page you can create, view, and manage users.

In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: [iOS](#) | [Android](#)

View: All Users

Edit | Create New View

New User

Reset Password(s)

Add Multiple Users

Action	Full Name ↑	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatt00d2w00000royveab_bdyhwiqlvyn@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	Ravi Vinnarasi	VRavi	vinnukuttyvmaths@arls.com		✓	System Administrator
<input type="checkbox"/> Edit	User Integration	integ	integration@00d2w00000royveab.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightsecurity@00d2w00000royveab.com		✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	V.Sharma	sv	vinnu@gmail.com		✓	Standard User

New User

Reset Password(s)

Add Multiple Users

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All

Setup

Home

Object Manager

Q user

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

User Interface

Action Link Templates

Actions & Recommendations

App Menu

Custom Labels

Density Settings

Global Actions

Global Actions

Publisher Layouts

Q Search Setup

☆

+

🏠

?

⚙️

🔔

👤

SETUP

Users

User Edit

Sharma V

Help for this Page

User Edit

Save Save & New Cancel

General Information

Required Information

First Name

Sharma

Last Name

V

Alias

sv

Email

vinnu@gmail.com

Username

vinnu@gmail.com

Nickname

shan

Title

Company

Department

Division

Role

<None Specified>

User License

Salesforce

Profile

Standard User

Active

☒

Marketing User

☐

Offline User

☐

Knowledge User

☐

Flow User

☐

Service Cloud User

☐

Site.com Contributor User

☐

Site.com Publisher User

☐

WDC User

☐

Data.com User Type

--None--

Data.com Monthly Addition Limit

300

Accessibility Mode (Classic Only)

☐

High-Contrast Palette on Charts

☐

Load Lightning Pages While Scrolling

☒

Debug Mode

☐

Make Setup My Default Landing Page

☐

ACTIVITY -2 : OWD : Organization wide default settings

This can be used to give permission to the organization wide and it can be used for restrict the access we can control the record level access

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

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"/>
Order	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>
Asset	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>
Opportunity	Public Read/Write	Private	<input checked="" type="checkbox"/>
Case	Public Read/Write/Transfer	Private	<input checked="" type="checkbox"/>
Campaign	Public Full Access	Private	<input checked="" type="checkbox"/>
Campaign Member	Controlled by Campaign	Controlled by Campaign	<input checked="" type="checkbox"/>
User	Public Read Only	Private	<input checked="" type="checkbox"/>
Activity	Private	Private	<input checked="" type="checkbox"/>
Calendar	Hide Details and Add Events	Hide Details and Add Events	<input checked="" type="checkbox"/>
Price Book	Use	Use	<input checked="" type="checkbox"/>
Product	Public Read/Write	Public Read/Write	<input checked="" type="checkbox"/>

Sharing Settings

Other Settings

Standard Report Visibility ☒ [1](#) Manual User Record Sharing ☐ [1](#) Manager Groups ☐ [1](#) Secure guest user record access ☐ [1](#) Require permission to view record names in lookup fields ☐ [1](#)

[Save](#) [Cancel](#)

MILESTONE-6 REPORTS

ACTIVITY -1 Creation of report

Creation of report ensure that update preview automatically is selected which is available at the right side of the report page

Dashboards

Private Dashboards

1 item

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Passport with visa locations		Private Dashboards	SWETHA V	15/3/2023, 7:10 pm	
Created by Me						
Private Dashboards						
All Dashboards						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Report: Passports with Visa slots

Passport with visa locations

Enable Field Editing

Add Chart

Edit

Total Records

2

Location	Passport: Passport Number	09r243	31195855	Total
<input type="checkbox"/> DELHI	Record Count	1	0	1
<input type="checkbox"/> PUNJAB	Record Count	0	1	1
Total	Record Count	1	1	2

Details (2 Rows)

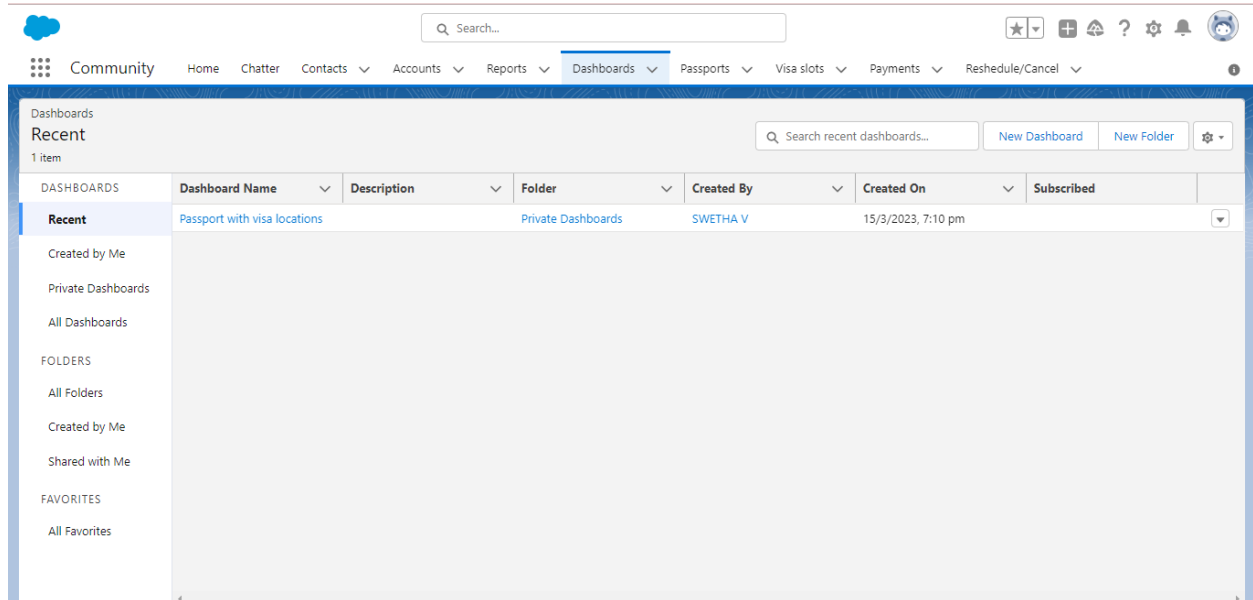
Click an intersection in the table above to filter details.

Visa slot: Visa slot Number
1 V-00002
2 010CT
3

Row Counts ☐ Detail Rows ☒ Grand Total ☒ Stacked Summaries ☒

MILESTONE-7: DASHBOARDS

Dashboards in Sales force are a graphical representation of reports. It shows data from source reports as visual components .



4. Trailhead profile public URL

Team Lead VINNARASI.R

trailblazer.me/id/vravi230

Team member SWETHA .K

trailblazer.me/id/swethak0506

Team member THILAGAVATHI.S

trailblazer.me/id/thilagavathi3002

Team member VEDHA.R

trailblazer.me/id/vedharajini12

ADVANTAGES & DISADVANTAGES

Advantages:

- ❖ **Business opportunities:** Having a visa can open up business opportunities in foreign countries, allowing you to establish international partnerships and expand your business globally.
- ❖ **Longer stays:** Many countries offer visas that allow for longer stays, which can be beneficial if you plan to travel extensively or for an extended period.
- ❖ **Increased travel options:** With a visa, you will have the freedom to travel to more destinations and explore different cultures opening up new opportunities for you.
- ❖ **Smooth travel:** Having a visa in advance can make your travel experience smoother and less stressful, as you will have already gone through the visa application process and obtained it.
- ❖ **Saves time:** Booking a visa appointment in advance can help you save time by allowing you to plan your trip accordingly.

Disadvantages :

- ❖ **Time consuming process:** Applying for a visa can be a time-consuming process, as it often involves submitting a range of documents and waiting for processing times that can vary depending on the country and type of visa.
- ❖ **Cost:** Visa fees can be expensive, and additional costs may be incurred for travel, accommodation, and other expenses associated with the application process.
- ❖ **Restrictions:** Some visas may come with restrictions, such as limiting the duration of stay, prohibiting certain activities, or requiring additional documentation or permits.
- ❖ **Limited assistance:** While visa booking services may be able to provide some assistance in navigating the visa application process, they may not be able to answer all of your questions or provide the level of support you need.

- ❖ **Language barriers :** Visa applications may require documents to be translated into the language of the country where the visa is being sought , which can add additional costs and complications.

6. APPLICATIONS :

- ❖ **When you travel one country to other country you need visa.**
- ❖ **Visa requirement vary depending on the country and the nationality of the traveler .**
- ❖ **Most countries require visitors to have a visa if they are planning to stay for an extended period or engage in certain activities , such as work or study.**
- ❖ **Some countries may allow visa-free entry for short-term tourism or business visits , depending on the traveler's nationality.**

7. CONCLUSION

Visa slot management is used to apply visa online. It is very useful to users. CRM brings together various departments, such as sales and marketing, to ensure a uniform approach which ultimately leads to increasing the company's success.

8. FUTURE SCOPE

- 1. Use block chain technology to enhance security and reduce fraud.**
- 2. In terms of travel restrictions and visa policies, it is difficult to predict what changes may occur in the future , as they are often driven by political and economic factors. However, with the ongoing COVID -19 pandemic, it is likely that travel restrictions and health- related requirements will continue to evolve and impact the visa application process.**
- 3. In future much advancement include in visa slot management.**