

CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT

1.INTRODUCTION

Overview

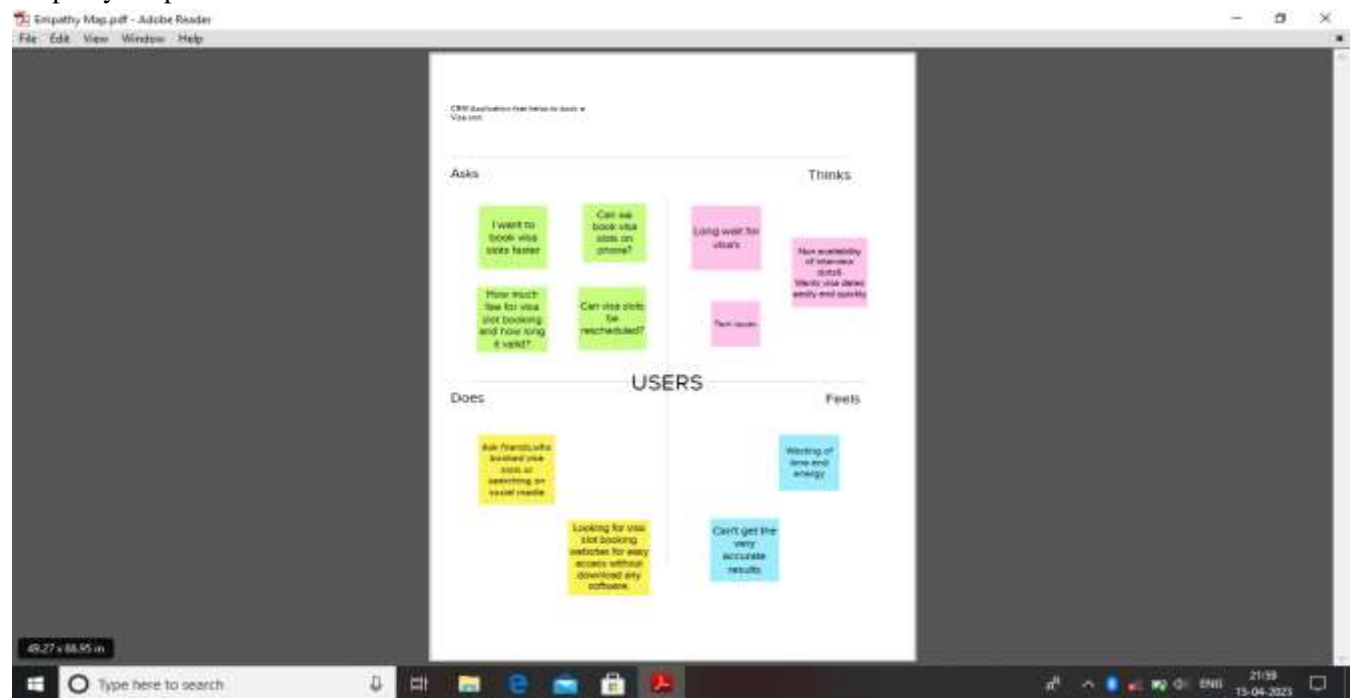
A visa slot management project is a system that is used to track and manage the availability of visa slots which are appointments that are required for certain Visa applications .It might be used by a government agency or a visa processing center to schedule and manage appointments with applicants.

Purpose

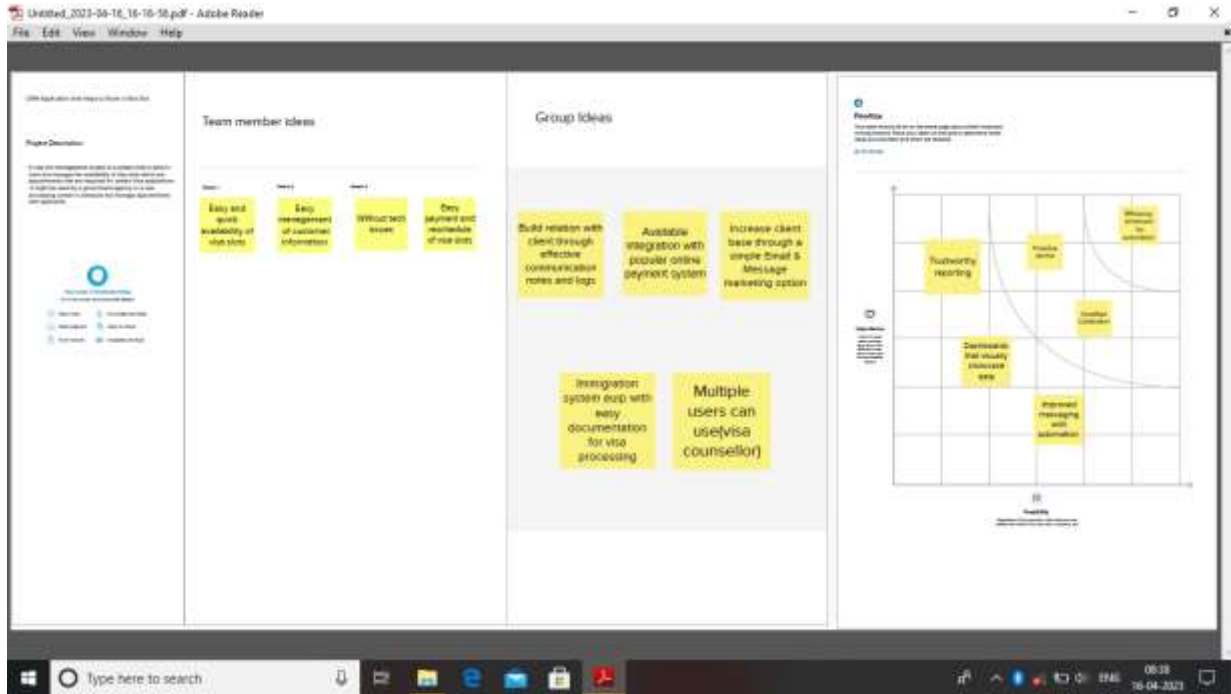
The main difference between a visa and a passport is that a visa is an endorsement placed within a passport that grants the holder official permission to enter leave or stay in a country for a specified time period .The most common visa types or tourist student ,work and transit visas.

2 .Problem Definition and Design Thinking

Empathy Map



Brainstorming Map & Ideation



3. Data Model

Object name

Fields in the object with Label with Data type

1.Passport

Contact Number-Number

Full Name-Text

Passport Address-Text

Passport Number-Text

2.Visa slot

Location-Text

Passport-Master Detail

Passport Number(Master)-Number

Time-Text

Visa slot number-Text

3.Payment

Cancel Transaction-Text

Card Number-Text

Payment Mode-Text

Transaction id(Auto number)-Number

Visa slot-Master Detail(Visa slot)

Visa slot number-Text

4.Reschedule

Cancel-Text

Location-Text

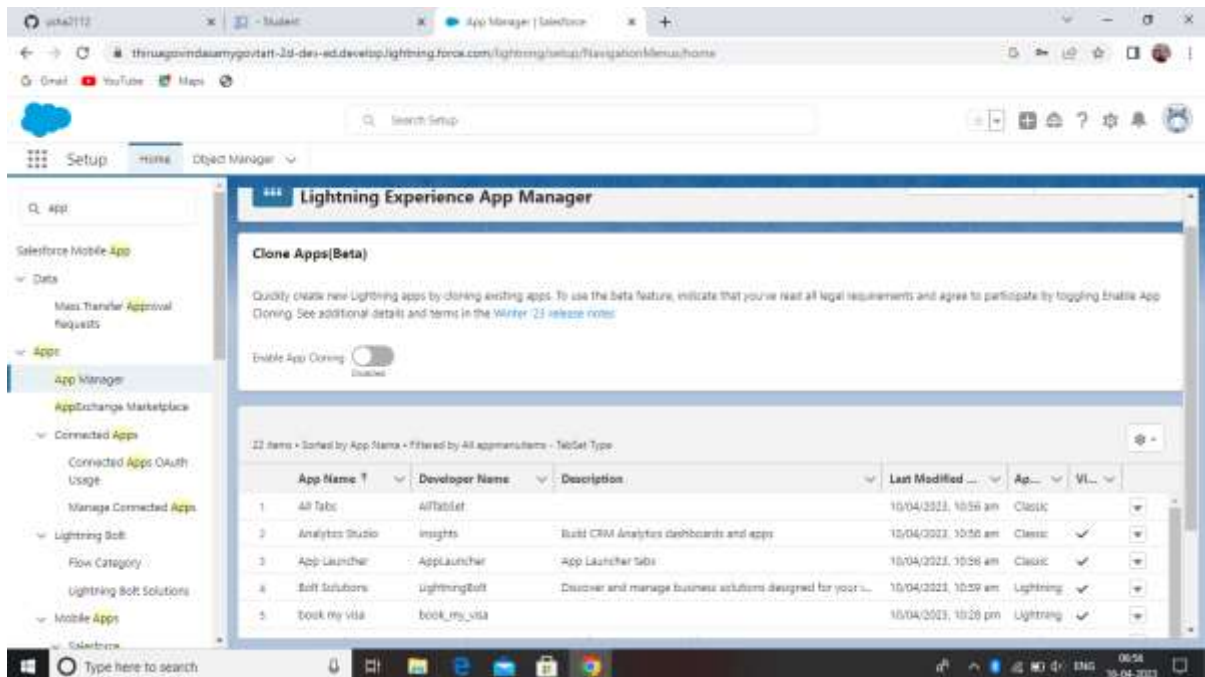
Passport Number(Master)-Text

Time-Number

Result

4.Activity And Screenshot

Creating the Application



Creation of custom object

Passport

The screenshot shows the Salesforce Setup interface for the 'Passport' 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, and Record Types. The main content area is titled 'Details' and includes an 'Edit' button and a 'Delete' button. The 'Description' field is empty. The 'API Name' is 'Passport_c'. The 'Custom' checkbox is checked. The 'Singular Label' is 'Passport'. The 'Plural Label' is 'Passports'. The 'Enable Reports' checkbox is checked. The 'Track Activities' checkbox is checked. The 'Track Field History' checkbox is checked. The 'Deployment Status' is 'Deployed'. The 'Help Settings' link is 'Standard salesforce.com Help Window'. The bottom of the screen shows a Windows taskbar with the search bar and several application icons.

Visa Slot

The screenshot shows the Salesforce Setup interface for the 'Visa slot' 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, and Record Types. The main content area is titled 'Details' and includes an 'Edit' button and a 'Delete' button. The 'Description' field is empty. The 'API Name' is 'Visa_slot_c'. The 'Custom' checkbox is checked. The 'Singular Label' is 'Visa slot'. The 'Plural Label' is 'Visa slots'. The 'Enable Reports' checkbox is checked. The 'Track Activities' checkbox is checked. The 'Track Field History' checkbox is checked. The 'Deployment Status' is 'Deployed'. The 'Help Settings' link is 'Standard salesforce.com Help Window'. The bottom of the screen shows a Windows taskbar with the search bar and several application icons.

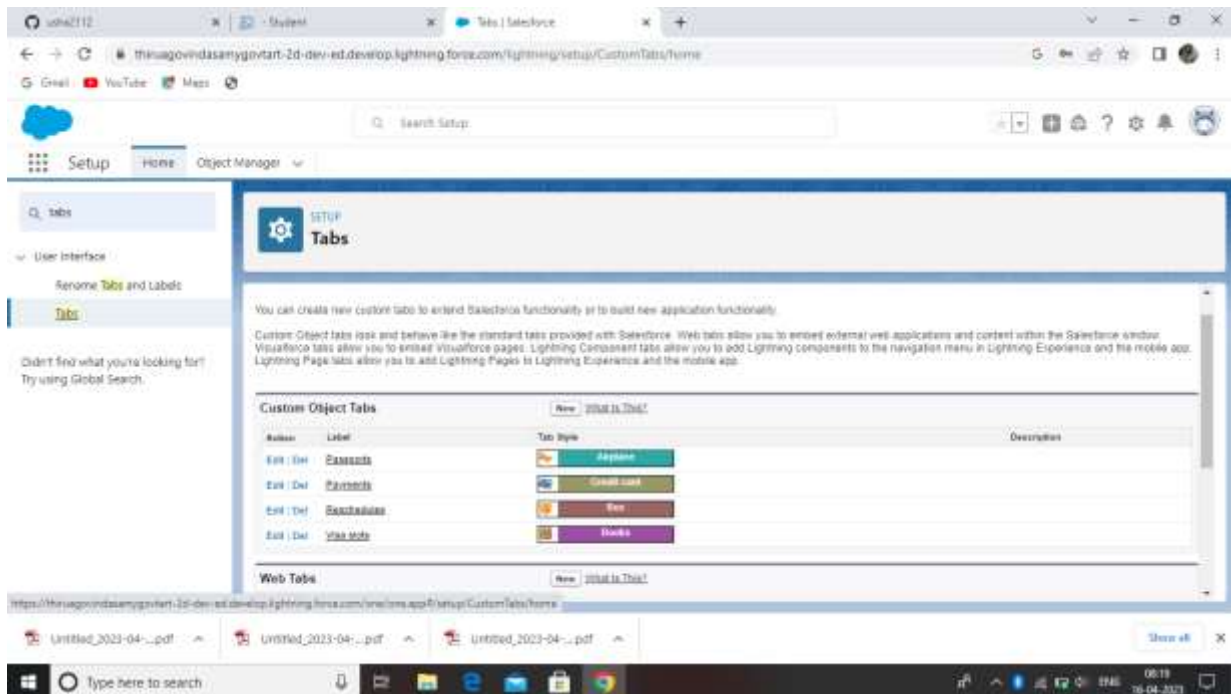
Payment

The screenshot shows 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, and Record Types. The main content area is titled 'Payment' and includes a 'Details' section with the following fields: Description, API Name (Payment_c), Custom (checked), Singular Label (Payment), Plural Label (Payments), and Enable Reports (checked). The right sidebar contains a 'Details' section with the following fields: Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), Help Settings, and Standard Salesforce.com Help Window. The bottom of the screen shows a Windows taskbar with the search bar and several open applications.

Reschedule

The screenshot shows the Salesforce Object Manager interface for the 'Reschedule' 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, and Record Types. The main content area is titled 'Reschedule' and includes a 'Details' section with the following fields: Description, API Name (Reschedule_c), Custom (checked), Singular Label (Reschedule), Plural Label (Reschedules), and Enable Reports (checked). The right sidebar contains a 'Details' section with the following fields: Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), Help Settings, and Standard Salesforce.com Help Window. The bottom of the screen shows a Windows taskbar with the search bar and several open applications.

Tabs



The screenshot shows the Salesforce Setup interface for Custom Tabs. The left sidebar has a search bar with "tabs" entered and a list of options including "User Interface" and "Tabs". The main content area is titled "Custom Tabs" and includes a "New" button with a dropdown menu showing "What is This?". Below this is a table of Custom Object Tabs and a section for Web Tabs.

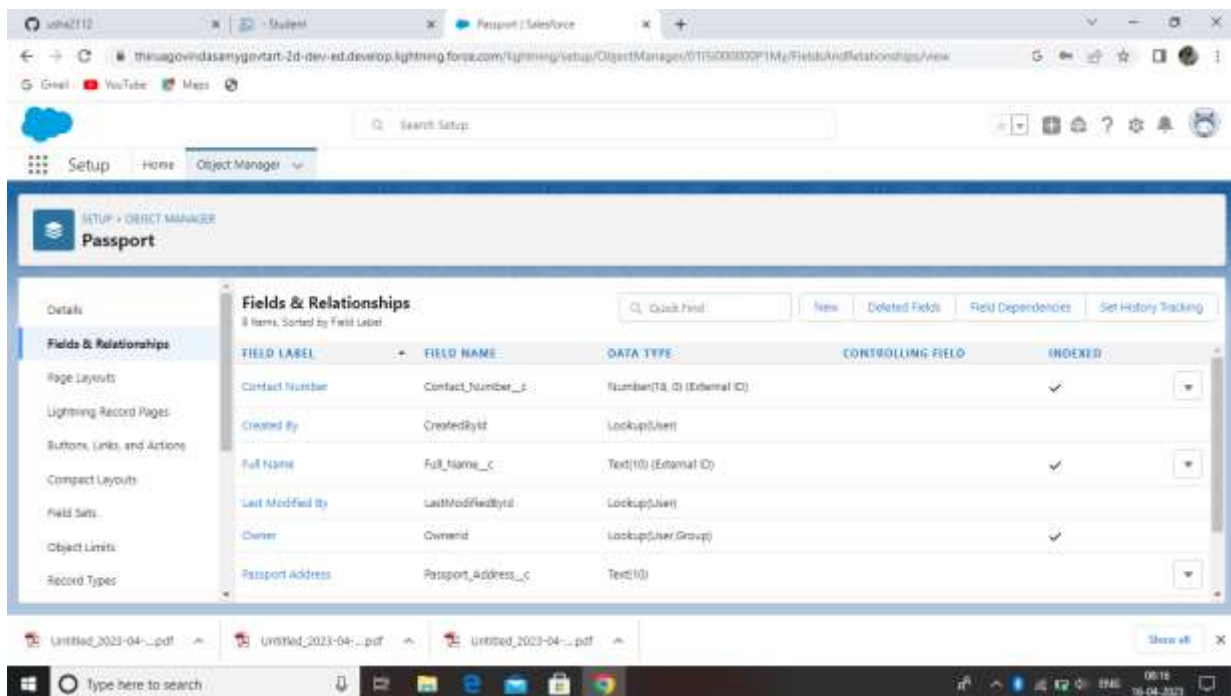
Action	Label	Tab Style	Description
Edit / New	Exams		
Edit / New	Payments		
Edit / New	Examinations		
Edit / New	Price Lists		

Web Tabs

[New](#) [What is This?](#)

Creation of Fields & Relationship

Passport



The screenshot shows the Salesforce Setup interface for the "Passport" object in the "Object Manager". The left sidebar has a search bar and a list of options including "Fields & Relationships". The main content area is titled "Fields & Relationships" and includes a "Quick Find" search bar and buttons for "New", "Deleted Fields", "Field Dependencies", and "Set History Tracking". Below this is a table of fields and relationships.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Number	Contact_Number_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 Address	Passport_Address_c	Text(10)		

Visa Slot

The screenshot shows the Salesforce Object Manager 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 'Fields & Relationships' and shows a table of 8 fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Created By (Lookup(User)), Last Modified By (Lookup(User)), Location (Text(10) (External ID)), Passport (Master-Detail(Passport)), Passport Number (Master) (Number(18, 0) (External ID)), and Time (Text(10) (External ID)). All fields are indexed. The top of the interface includes a search bar and navigation tabs: Setup, Home, and Object Manager.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location_c	Text(10) (External ID)		✓
Passport	Passport_c	Master-Detail(Passport)		✓
Passport Number (Master)	Passport_Number_Master_c	Number(18, 0) (External ID)		✓
Time	Time_c	Text(10) (External ID)		✓

Payment

The screenshot shows the Salesforce Object Manager interface for the 'Payment' 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 'Fields & Relationships' and shows a table of 8 fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Cancel Transaction (Text(10) (External ID)), Card Number (Text(10) (External ID)), Created By (Lookup(User)), Last Modified By (Lookup(User)), Payment Mode (Text(10) (External ID)), and Payment Name (Text(30)). All fields are indexed. The top of the interface includes a search bar and navigation tabs: Setup, Home, and Object Manager.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel Transaction	Cancel_Transaction_c	Text(10) (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) (External ID)		✓
Payment Name	Name	Text(30)		✓

Reschedule

The screenshot shows the Salesforce Setup interface with the 'Object Manager' tab selected. The 'Reschedule' object is highlighted in the left sidebar. The main area displays the 'Fields & Relationships' section for the 'Reschedule' object. The table lists the following fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Cancel	Cancel__c	Text(10) (External ID)		✓
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Location	Location__c	Text(10) (External ID)		✓
Owner	OwnerId	Lookup(User Group)		✓
Passport Number (Master)	PassportNumberMaster__c	Text(10) (External ID)		✓

Creation of User

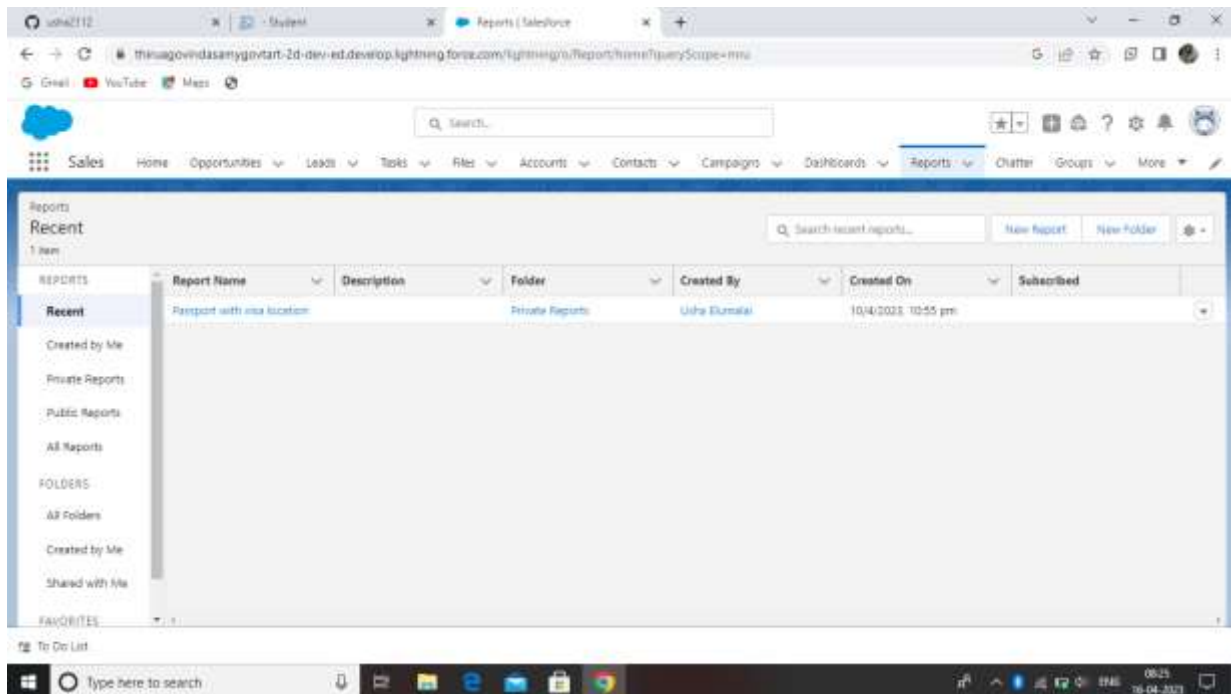
The screenshot shows the Salesforce Setup interface with the 'Users' section selected. The 'User Detail' section for 'Usha Elumalai' is displayed. The user details are as follows:

Field	Value
Name	Usha Elumalai
Alias	usha
Email	usha@2112.com
Username	usha@2112.com
Role	User (181123248688467477) (S)
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)

The 'Role' section shows the following options:

- Standard User (Selected)
- Marketing User
- Offline User
- Knowledge User
- Flow User
- Service Cloud User
- Site.com Contributor User
- Site.com Publisher User
- WDC User

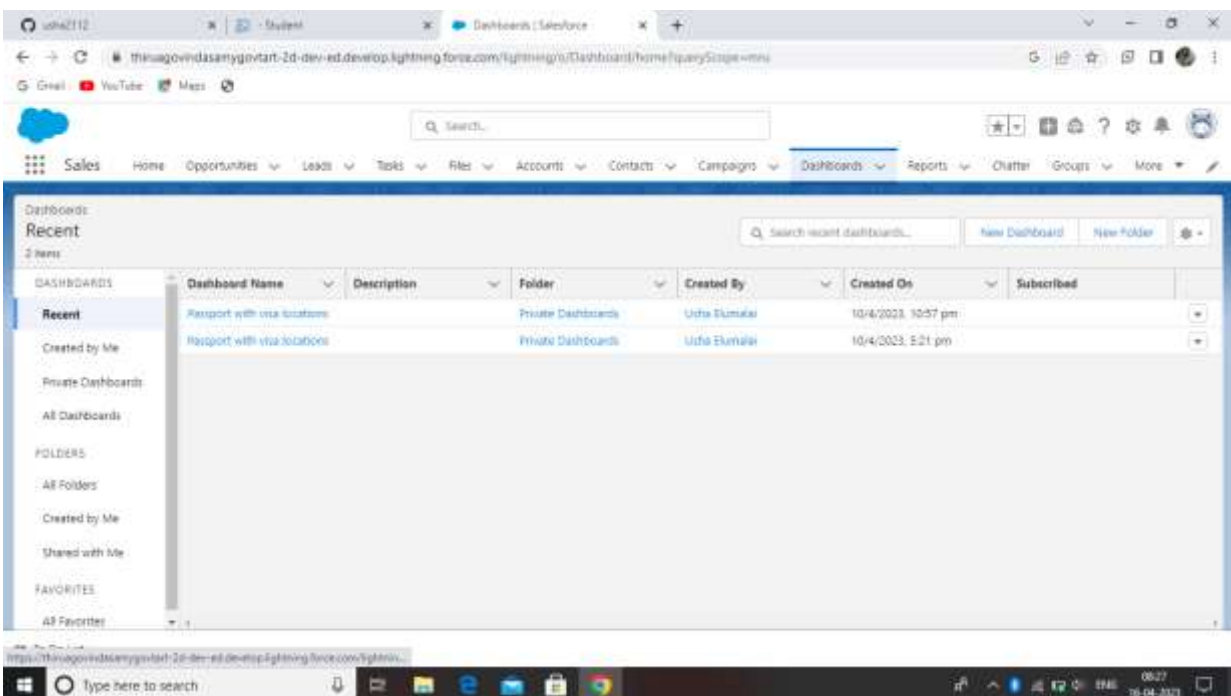
Create a Report



The screenshot shows the Salesforce Reports page. The left sidebar contains a navigation menu with options like Sales, Home, Opportunities, Leads, Tools, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, and Groups. The main content area is titled 'Reports' and 'Recent', showing a table of recent reports. The table has columns for Report Name, Description, Folder, Created By, Created On, and Subscribed. A single report is listed: 'Report with visa location' in the 'Private Reports' folder, created by 'Usha Elumalai' on '10/4/2023, 10:55 pm'.

Report Name	Description	Folder	Created By	Created On	Subscribed
Report with visa location		Private Reports	Usha Elumalai	10/4/2023, 10:55 pm	

Dashboards



The screenshot shows the Salesforce Dashboards page. The left sidebar contains a navigation menu with options like Sales, Home, Opportunities, Leads, Tools, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, and Groups. The main content area is titled 'Dashboards' and 'Recent', showing a table of recent dashboards. The table has columns for Dashboard Name, Description, Folder, Created By, Created On, and Subscribed. Two dashboards are listed: 'Report with visa location' and 'Report with visa location', both in the 'Private Dashboards' folder, created by 'Usha Elumalai' on '10/4/2023, 10:57 pm' and '10/4/2023, 5:21 pm' respectively.

Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Report with visa location		Private Dashboards	Usha Elumalai	10/4/2023, 10:57 pm	
Report with visa location		Private Dashboards	Usha Elumalai	10/4/2023, 5:21 pm	

5. Trailhead Profile Public URL

Team Lead - <http://trailblazer.me/id/uelumalai>

Team Member 1- <http://trailblazer.me/id/sthra7>

Team Member 2 - <http://trailblazer.me/id/akark66>

Team Member 3 - <http://trailblazer.me/id/mmchinna>

6. Advantage

Book slots from the comfort of your home A platform for Indian visa applicants to check US visa appointments every 3 minutes without getting locked out or blocked. Quick and easy availability of interview slots and visa dates .Booking slots faster and it can be rescheduled. Documents that are stored in the system can be downloaded from anywhere. This will help you to track and manage the availability of visa slots, which are appointments that are required for certain visa applications.

7. Disadvantage

Need a good internet connection. Visa for some countries can be problematic. People may hack into sites and your details may not be kept safe.

Tech issues. Long wait for getting a visa.

8. Conclusion

In summary visa slot booking seems to have both positive and negative impacts the positive side that helps the user to booking visa slots easily. The downside visa application process can be complex with not a 100% percent chance of getting a visa at the end of it.

9. Future Scope

- *Easy management of customer information
- *Build relation with client through effective communication notes and logs
- *Available integration with popular online payment system
- *Increase client base through a simple Email & Message marketing option
- *Multiple users can use.