

CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT

Introduction:

Overview

A visa is a permit given by a country that allows Someone to go to that country. A visa is a document that is Stamped on a person's passport by an embassy.

Purpose

It allows the bearer to visit the issuing country for tourism purposes. A tourist visa does not permit the passenger to legally work or carry out business in the specified country or territory. A different type of visa is required for these purposes.

Problem Definition & Design Thinking:

Empathy Map



Build empathy

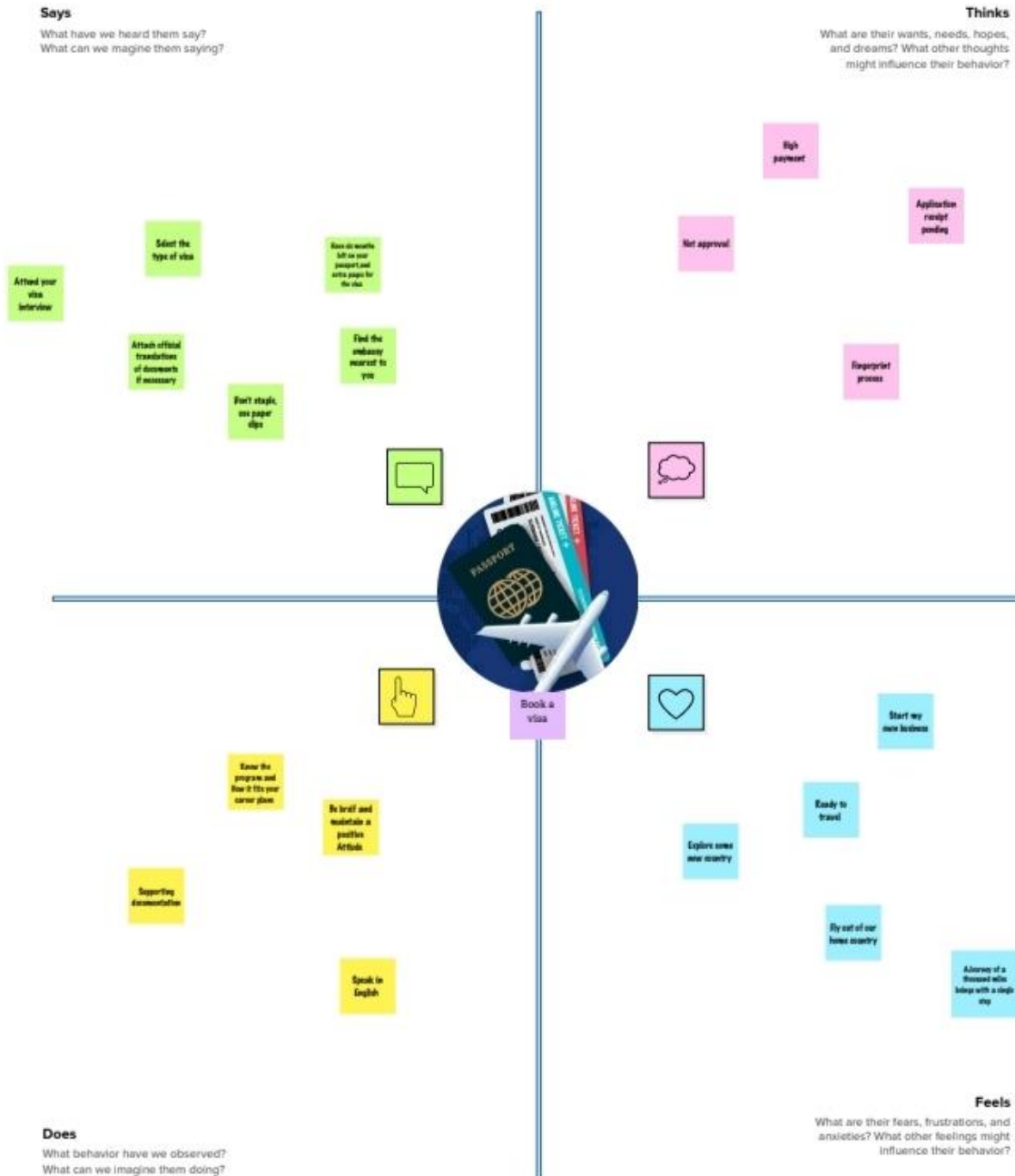
The information you add here should be representative of the observations and research you've done about your users.

Says

What have we heard them say?
What can we imagine them saying?

Thinks

What are their wants, needs, hopes,
and dreams? What other thoughts
might influence their behavior?



Ideation & Brainstorming Map



Result

Data Model:

<i>Object name</i>	<i>Fields in the Object</i>	
<i>Passport</i>	<i>Field label</i>	<i>Data type</i>
	Full name	Text
	Passport number	Text
	Contact Number	Number
	Permanent Address	Text
<i>Visa Slot</i>	<i>Field label</i>	<i>Data type</i>
	Location	Text
	Time	Text
	Passport number (Master)	Number

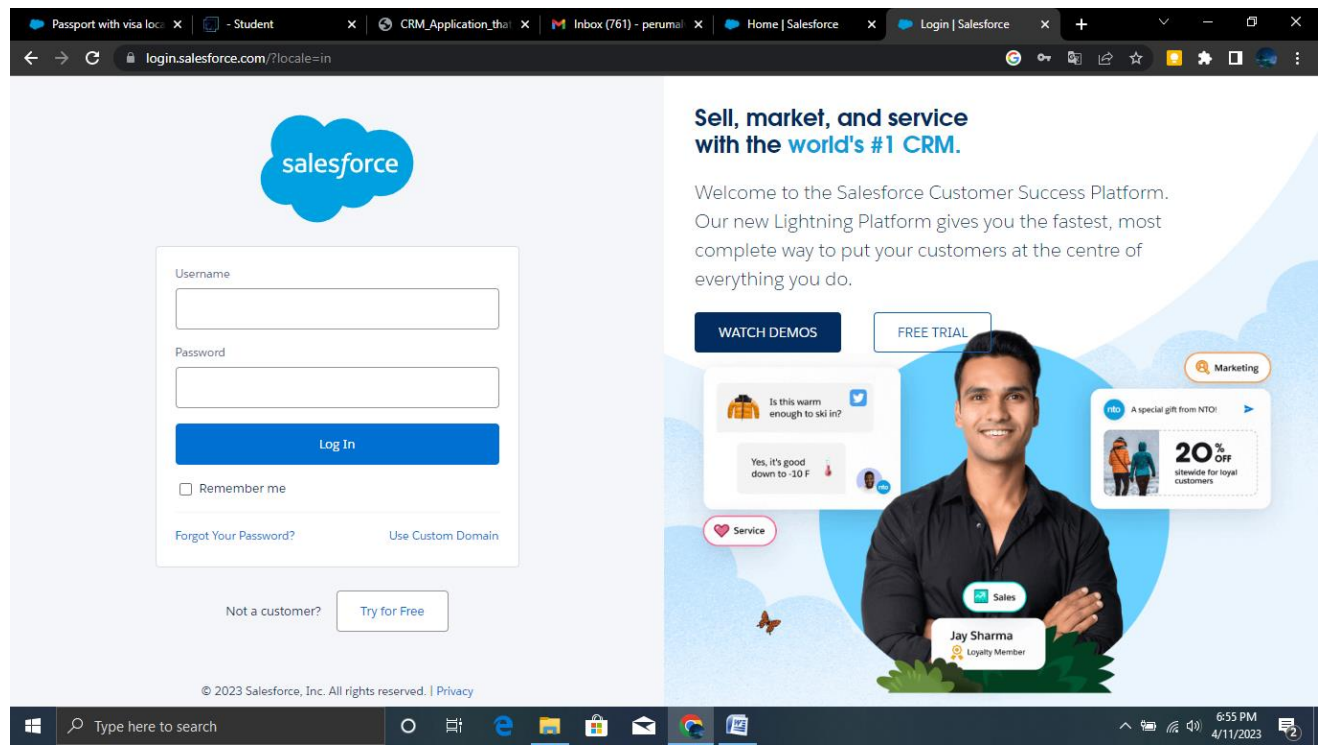
	Visa slot number	Text
<i>Payment</i>	<i>Field label</i>	<i>Data type</i>
	Payment Mode	Text
	Card Number	Text
	Transaction id (Auto number)	Number
	Cancel Transaction	Text
	Visa slot number (Master)	Text
<i>Reschedule/Cancel</i>	<i>Field label</i>	<i>Data type</i>
	Passport number (Master)	Text
	Location	Text
	Time	Number
	Cancel	Text
	Status	Text

Activity & Screenshot

Creating in salesforce account

We went to the website developers.salesforce.com and signed up by giving our details.

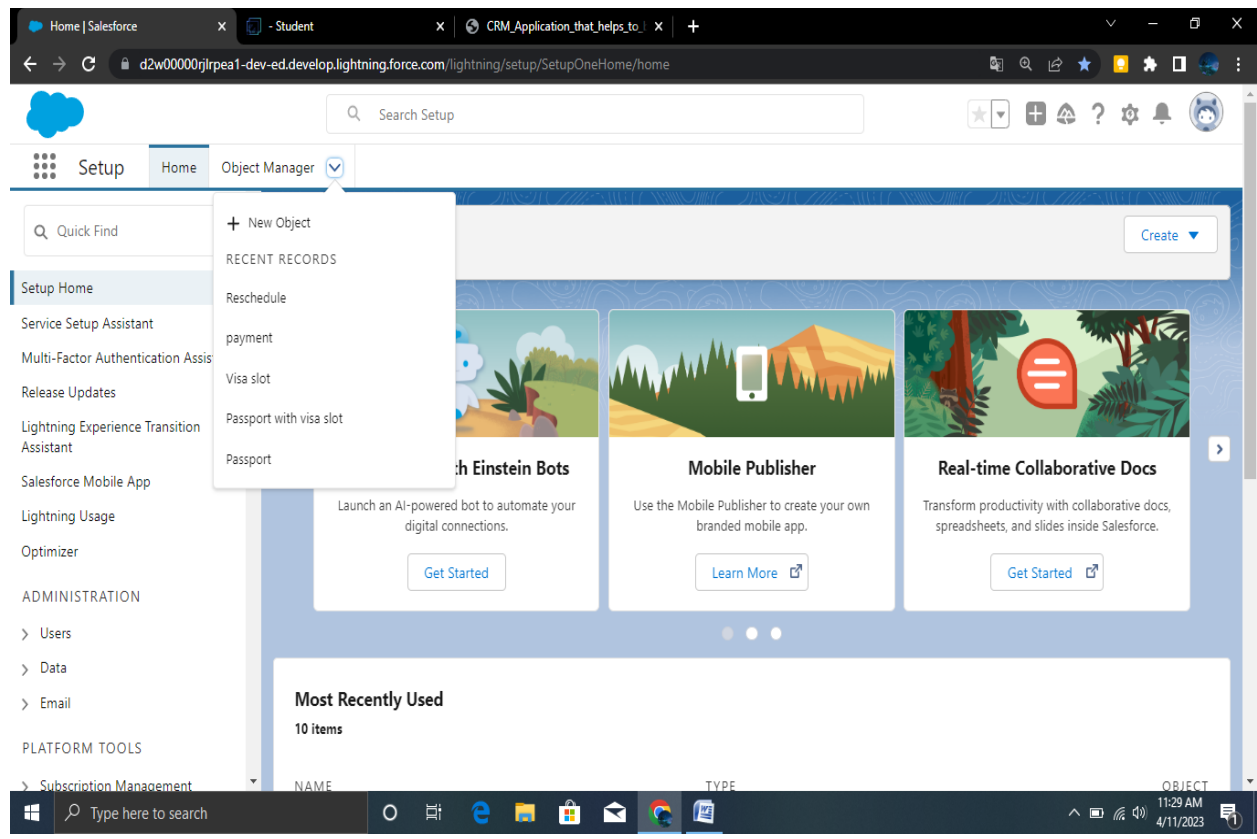
LOGIN TO SALESFORCE ACCOUNT



We gave our username and password which we created in the last and logged in into the salesforce account.

Creation of Custom Object: Passport

- 1) Navigate to setup and select object manager.
- 2) At 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.

The screenshot shows the 'New Custom Object' form in the Salesforce Object Manager. The form is titled 'New Custom Object' and includes a 'Custom Object Definition Edit' section with 'Save', 'Save & New', and 'Cancel' buttons. The 'Custom Object Information' section contains the following fields:

- Label:** passport (Example: Account)
- Plural Label:** (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** passport (Example: Account)
- Description:** (Empty text area)

At the bottom, there are links for 'Context-Sensitive Help Setting' and 'Open the standard Salesforce.com Help & Training window'.

- 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.

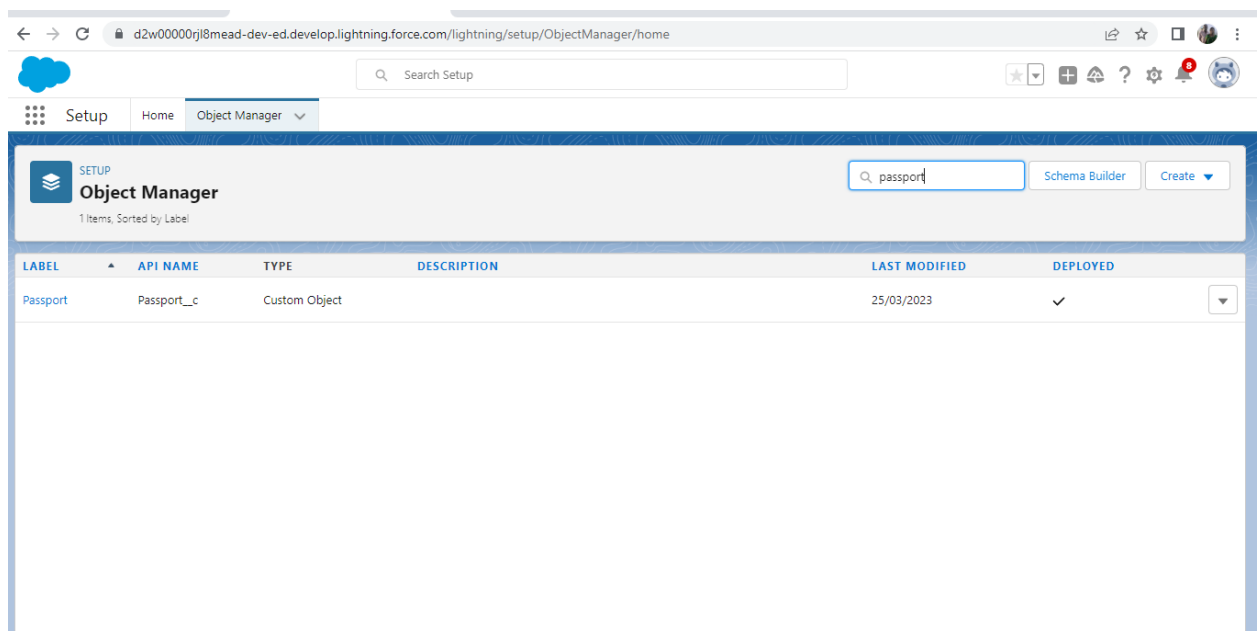
The screenshot displays the Salesforce Setup interface for creating a new custom object tab. The browser address bar shows the URL: `d2w00000rj8mead-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/page?address=%2Fsetup%2Fui%2FobjectCustomTabWizard.jsp%3FretURL%3D%2F...`. The left sidebar contains navigation links: Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, ADMINISTRATION (Users, Data, Email), PLATFORM TOOLS (Subscription Management), and a Quick Find search bar. The main content area is titled "New Custom Object Tab" and shows "Step 1. Enter the Details". It includes a dropdown for "Object" set to "Passport", a "Tab Style" selector, an optional "Splash Page Custom Link" dropdown set to "--None--", and a text area for "Enter a short description".

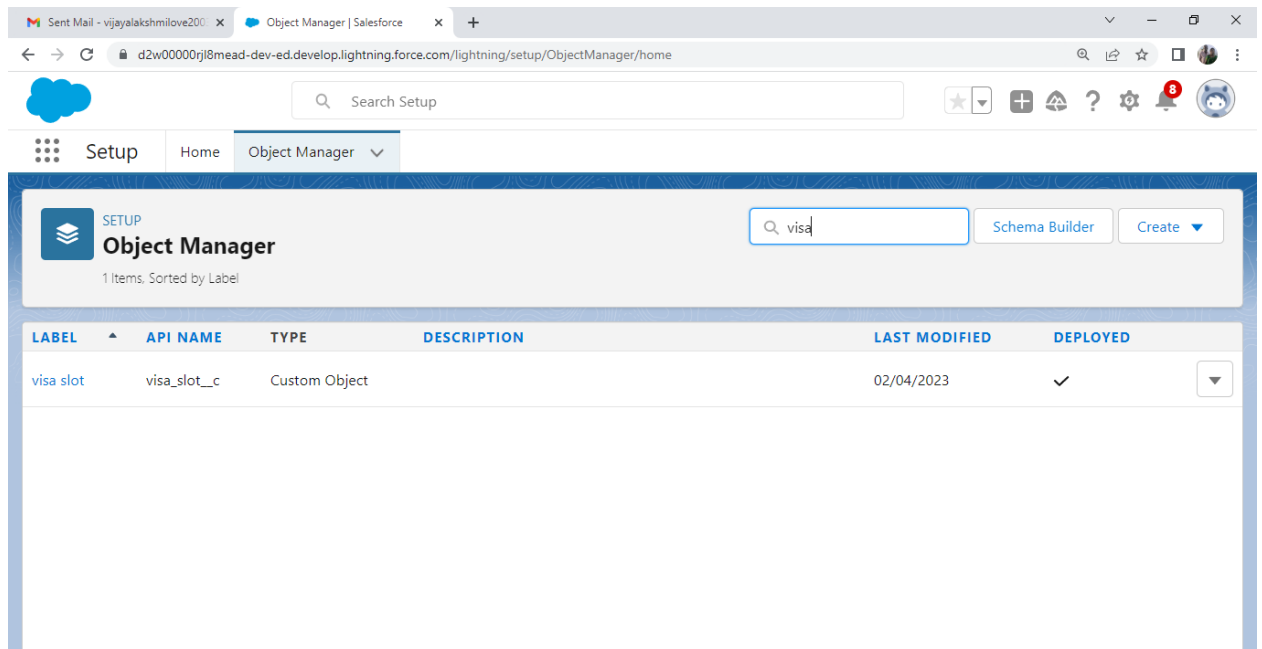
- 10) After tab selection you will be navigated to add to profiles select default on click on next.

11) Thereafter you have to select a custom app select include tab so that object will be available in all objects and select save option.

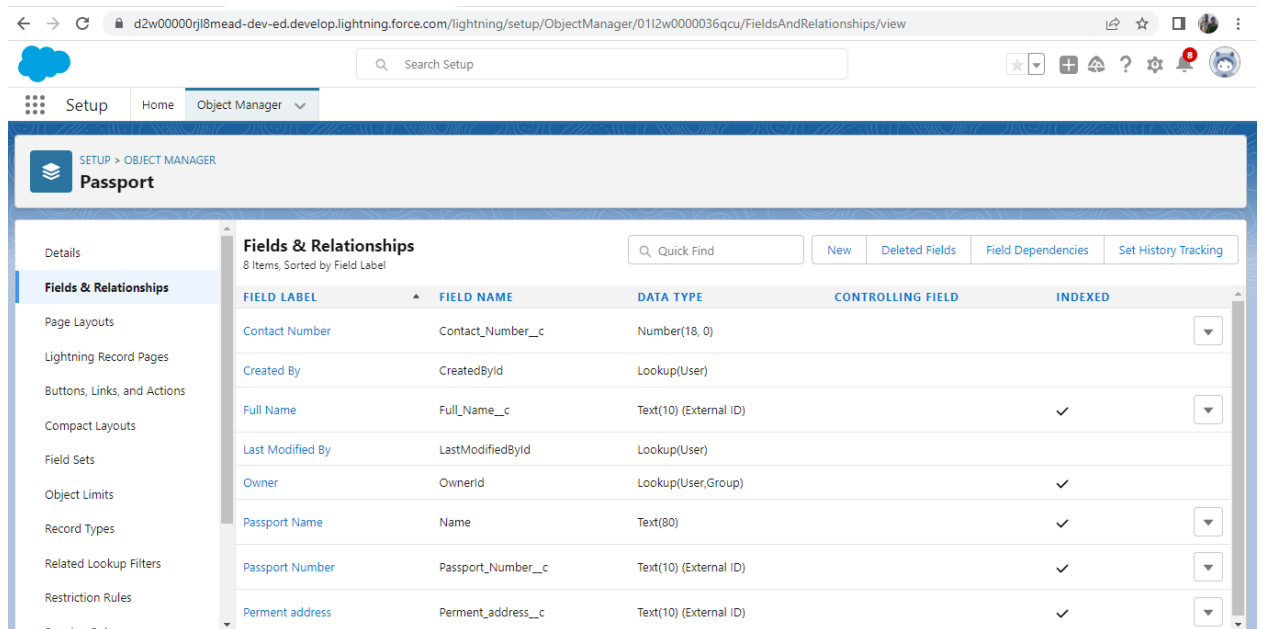
Creation of fields on custom Object: Passport

❖ Select your object from object selection has passport, Visa slot, Payment, Reschedule.





❖ And select the option fields and relationships.



❖ At the top right side you can find a new select that option.

- ❖ Now you have to select data type, select number has data type.
- ❖ And you will navigate to enter the details page where you give the field label

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

Restriction Rules

Field Label

Please enter the length of the number and the number of decimal places. For example, a number with a length of 8 and 2 decimal places can accept values up to "12345678.90".

Length: 18

Decimal Places: 0

Field Name

Description

Help Text

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

Unique ☐ Do not allow duplicate values

External ID ☐ Set this field as the unique record identifier from an external system

AI Prediction ☐ Use this field to store AI prediction scores

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

Previous Next Cancel

- ❖ And give the label name has Contact number.
- ❖ 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.
- ❖ Click next you will navigate to field level security click on visible checkbox so that it is visible to all profiles.
- ❖ Select the next option, select the page layout and save it.

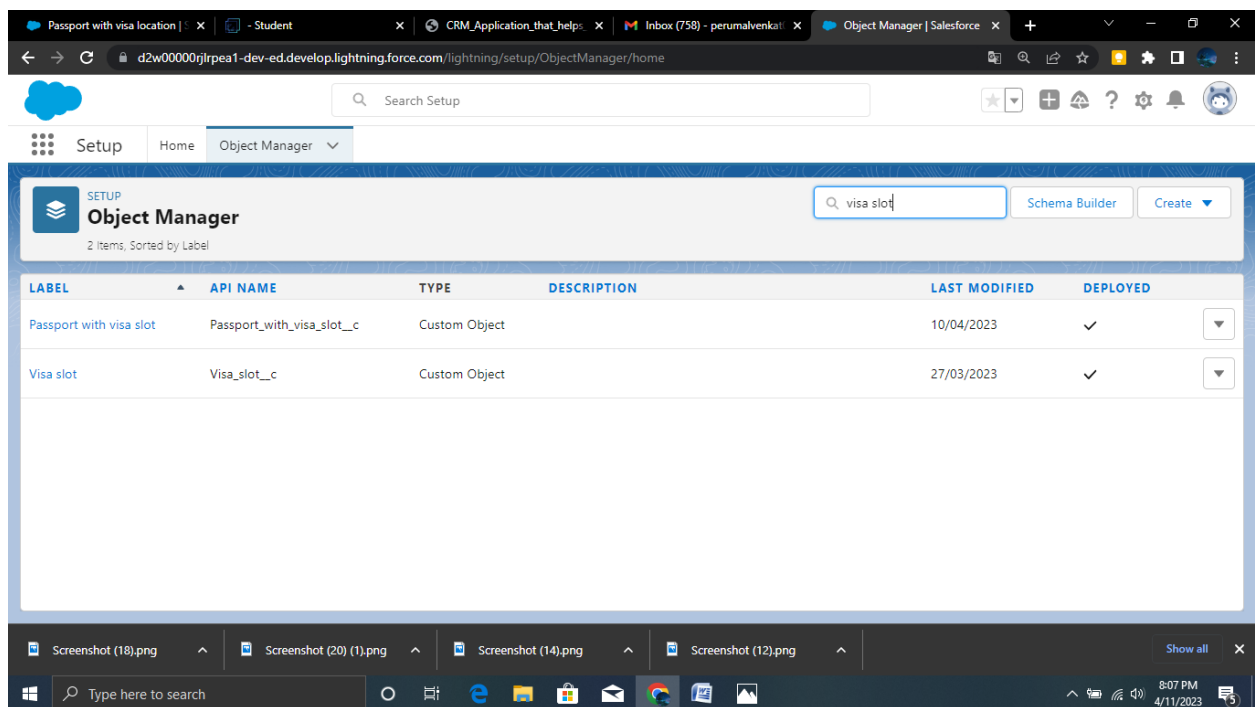
MASTER DETAIL RELATIONSHIP:

A master-detail relationship defines the relationship between the parent and the child. The master table defines the parent relation and the detail defines the child relation. If the master table is deleted then the child record data is also deleted.

Creation of Relationship:

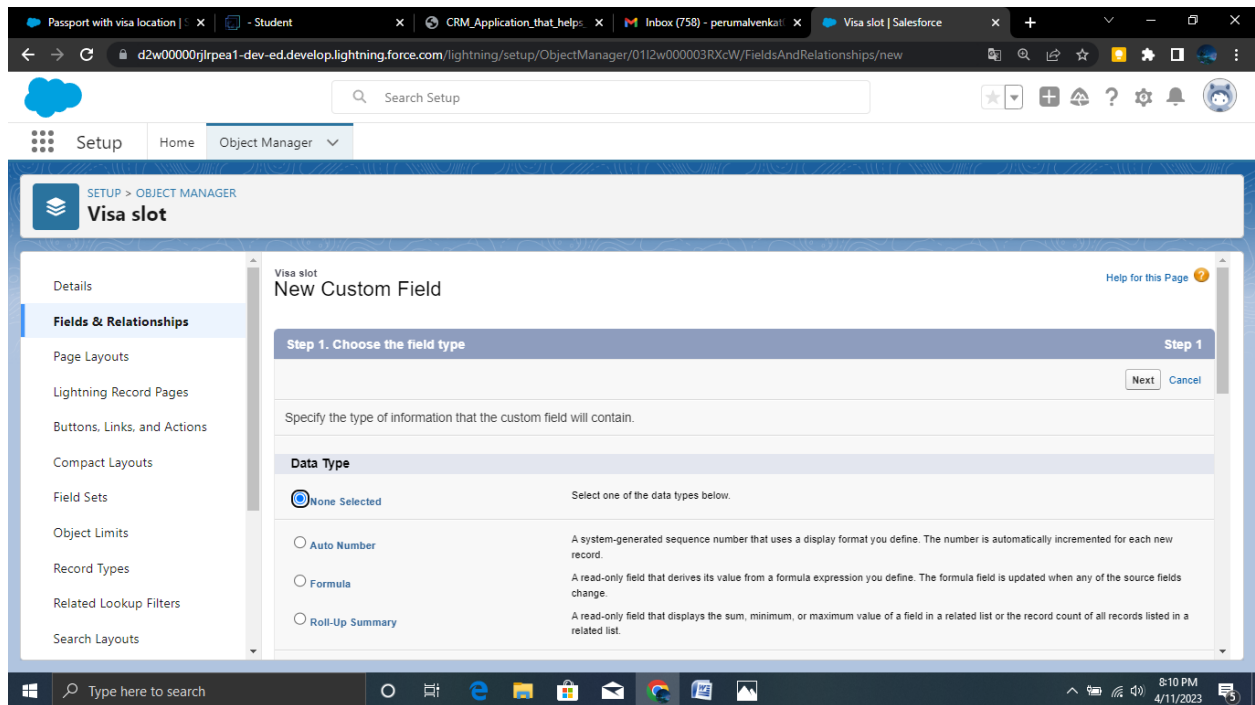
To create a Master Detail relationship between Passport and Visa.

- Go to the Set Up option from the Home Page and click on it.
- Go to the object manager and select 'visa' object from the list.

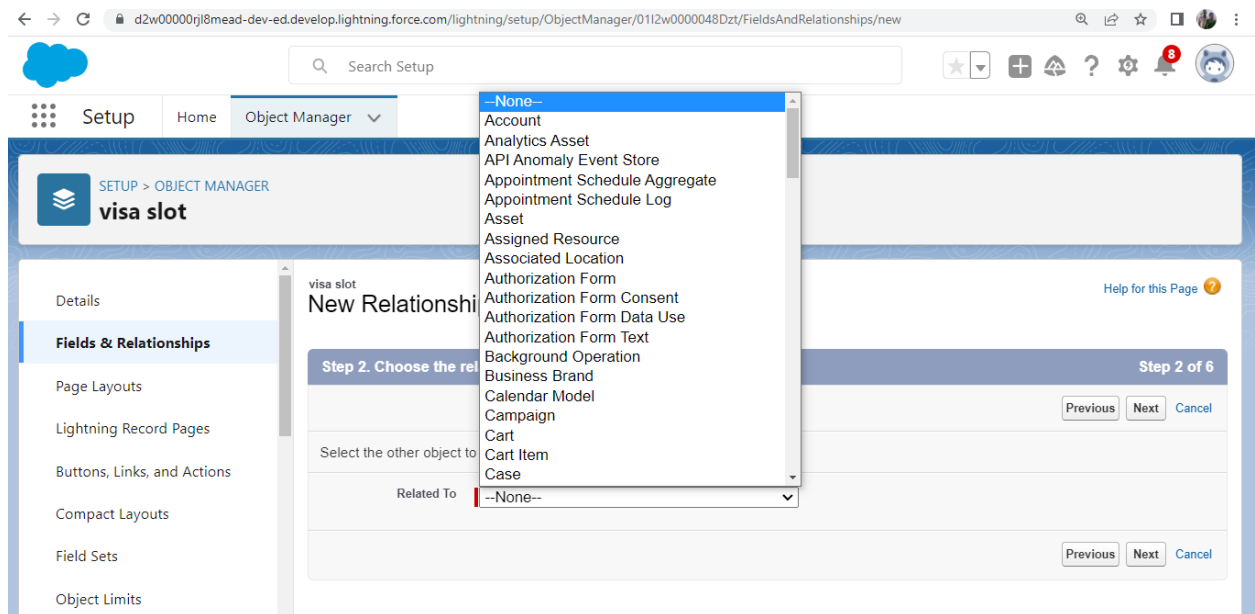


- And select fields and relationships and click on new.

- Select the data type has Master detail relationship.



- And select related to the object has passport, and click on next

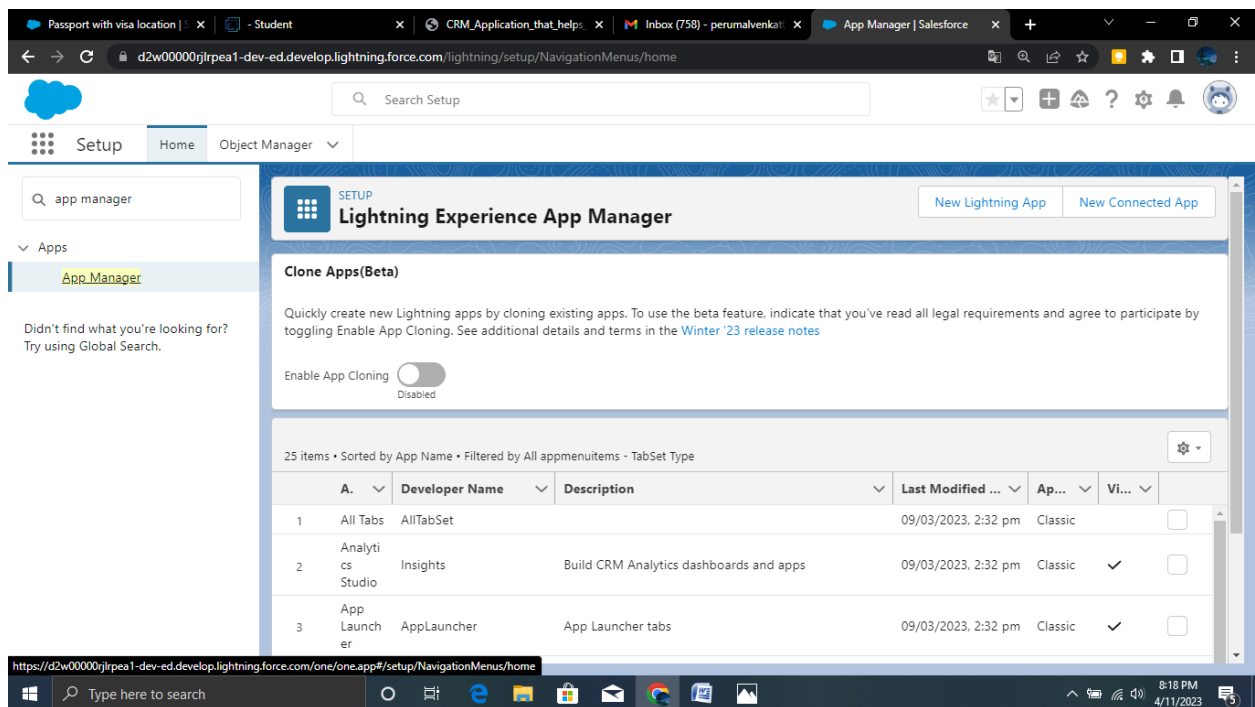


- You will navigate to the label name page where you give the label name for the field, give it has passport number and click next
- Select visible for all profiles in field level security and select page layout in next page and save it.

Creation of App:

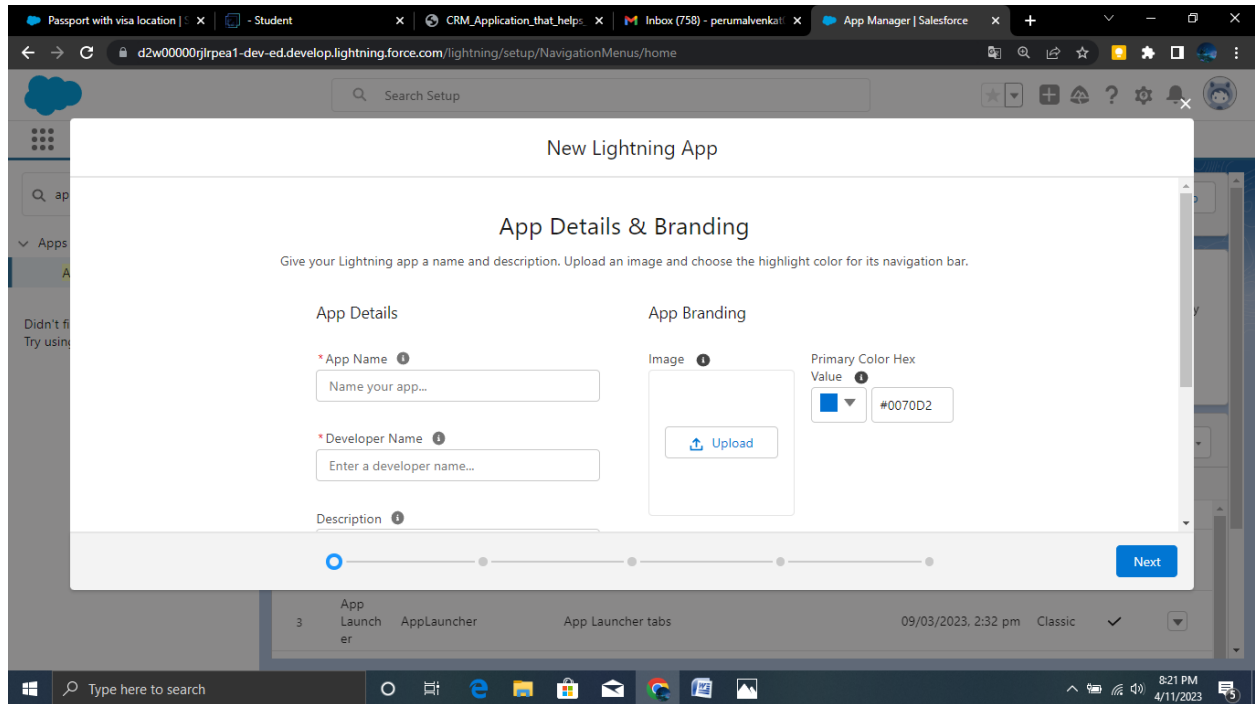
An app is a collection of items that work together to serve a particular function. Salesforce apps come in two flavors: Classic and Lightning.

- Navigate to setup and search for app manager.

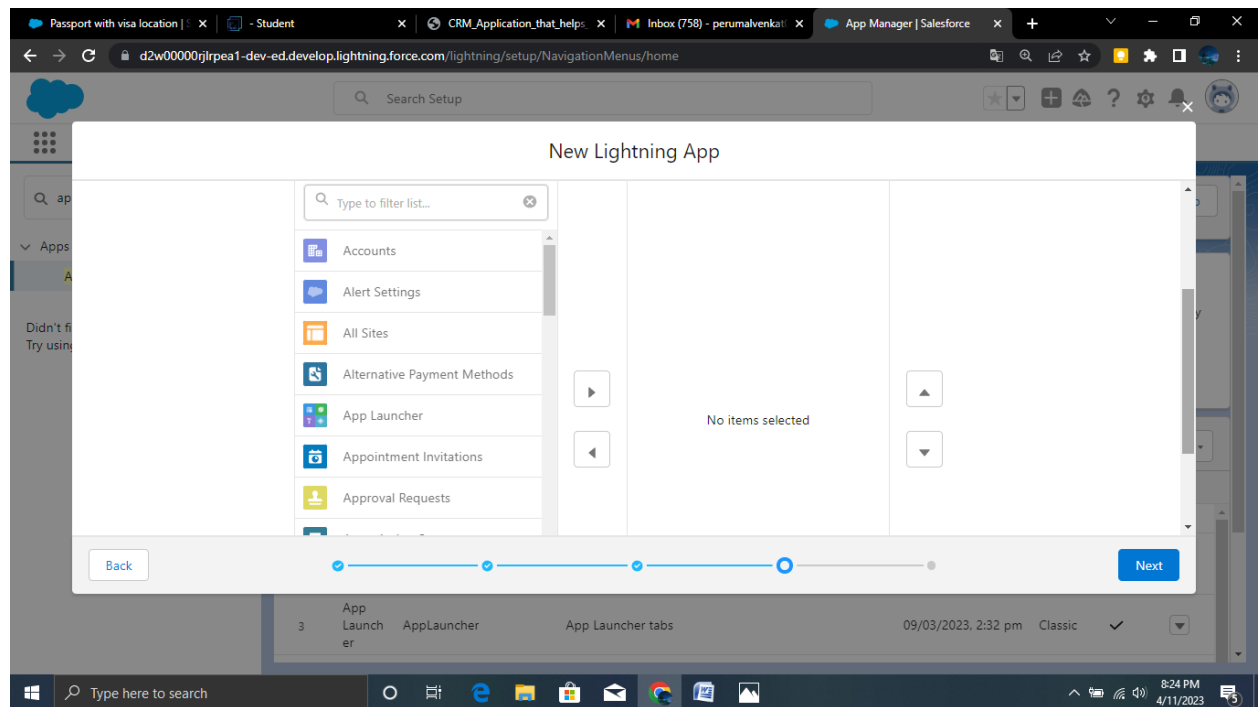


- And select an option for a new lightning app.

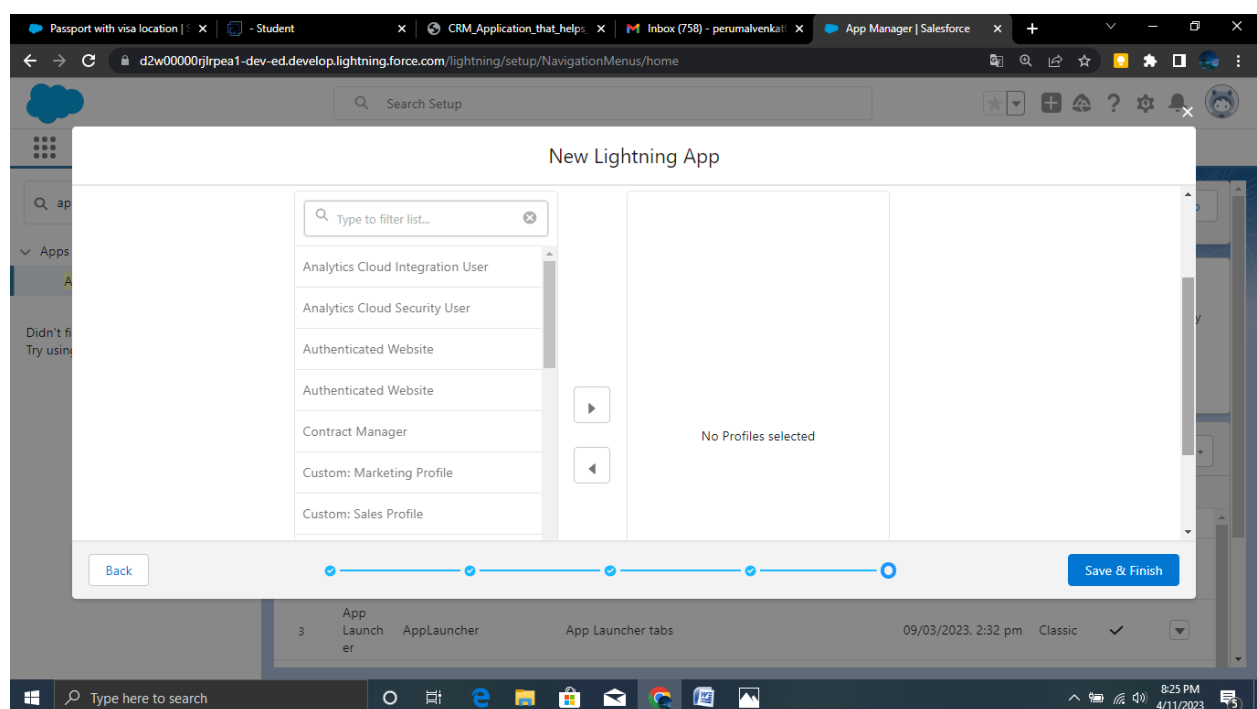
- Give the app name has book my visa.



- Upload the picture and click next.
- Choose the app option as navigation style- standard navigation, support from factors-desktop & mobile and select next.
- And move the objects from available items to selected items.
- Passport, visa slots, payments,reschedule/cancel to selected items.

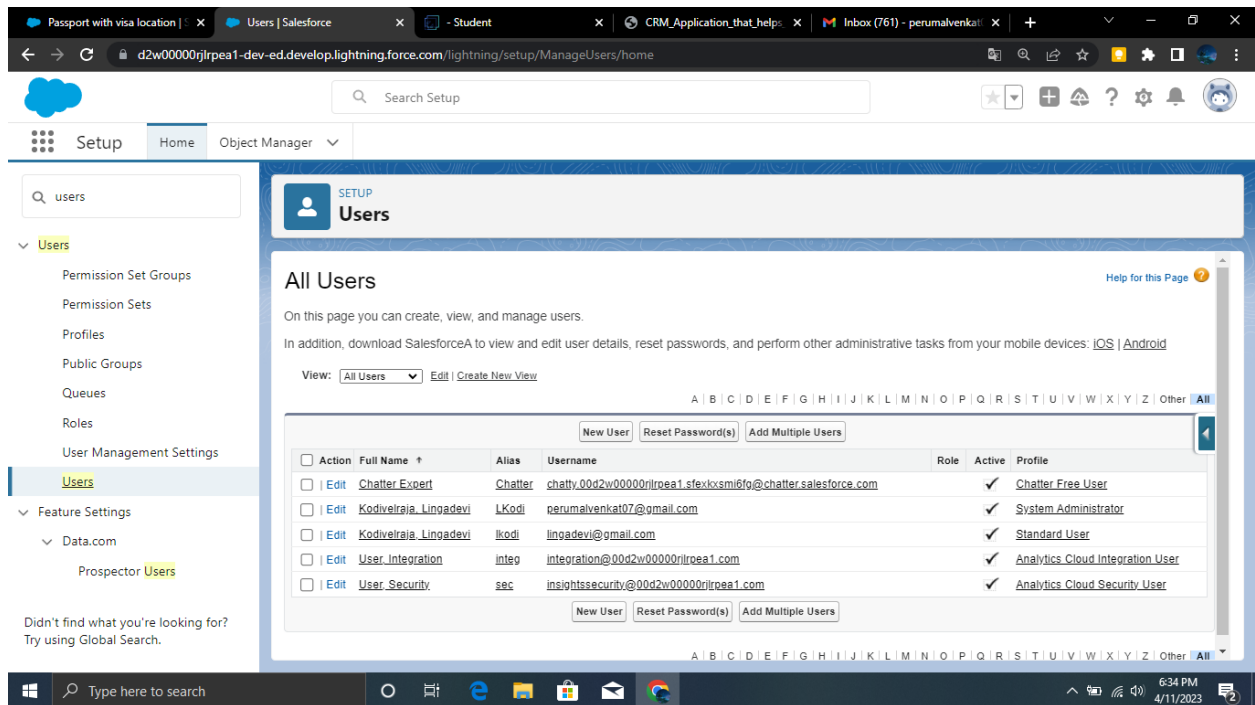


- And system admin profile to available items to selected items



Creation of User

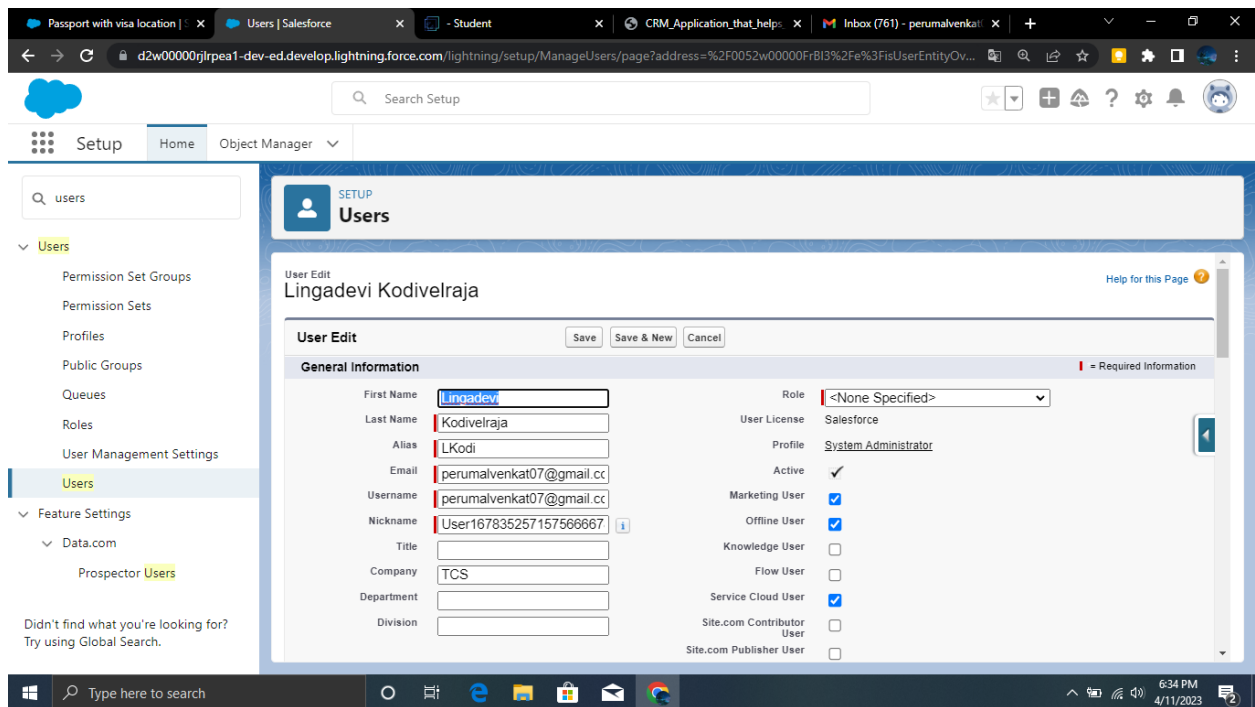
- Navigate to setup in quick find search bar.
- Type user in and select it and click on new user.



The screenshot shows the Salesforce Setup interface. The left sidebar contains a search bar with 'users' entered and a list of setup categories. The main content area is titled 'All Users' and includes instructions on how to manage users. Below the instructions is a table listing existing users with columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. The table contains five entries: Chatter Expert, Kodivelraja_Lingadevi, Kodivelraja_Lingadevi, User Integration, and User Security. Each entry has an 'Edit' link and a checkbox. The bottom of the screen shows the Windows taskbar with the search bar and system clock.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d2w00000rlroea1.sfxvksxsmi6tp@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	Kodivelraja_Lingadevi	IKodi	perumalvenkat07@gmail.com		✓	System Administrator
<input type="checkbox"/> Edit	Kodivelraja_Lingadevi	IKodi	lingadevi@gmail.com		✓	Standard User
<input type="checkbox"/> Edit	User Integration	intep	integration@00d2w00000rlroea1.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightssecurity@00d2w00000rlroea1.com		✓	Analytics Cloud Security User

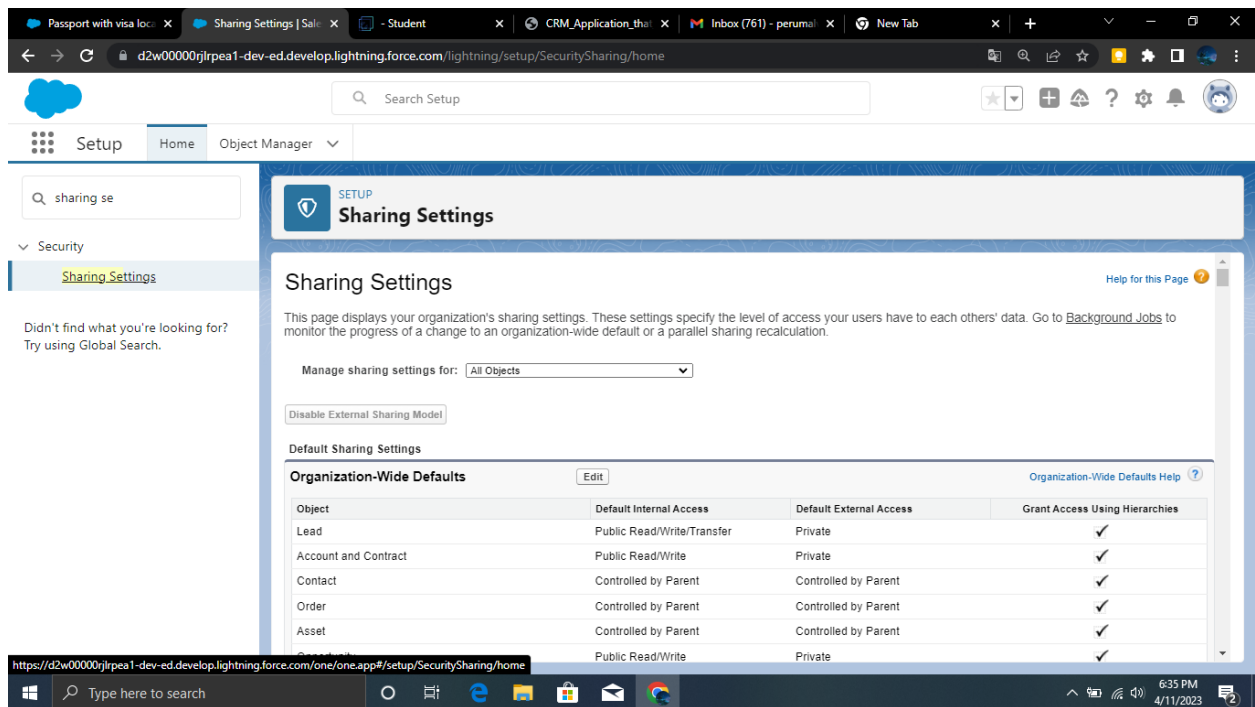
- Give the first name and last name.
- Enter your email in the email field.
- Enter username; it must be unique.
- Select the user license of salesforce.
- In the profile field select standard user.



- At the bottom of the page check the box to generate a new password and notify the user immediately.

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

- Navigate to setup in quick find search bar
- Type sharing settings and you will navigate to the sharing settings page.



- Go down to the page and select owd.
- And click edit on the owd.
- Navigate to the bottom of the page and select the passport object.
- And change the default external access to public/Read/write.

Creation of report:

- Click on the app launcher and search for reports.

Passport with visa locations | Sal... - Student CRM_Application_that_helps_to... Inbox (761) - perumalvenkat07@... d2w00000jlrpea1-dev-ed.develop.lightning.force.com/lightning/r/Report/00O2w00000DkcCEAR/view?queryScope=userFolders

book my visa Passports Visa slots Reschedules payments Passport with visa slot Passport with visa locations Report Builder

Report: Passports with Visa slots with payments
Passport with visa locations

Enable Field Editing Add Chart Edit

Total Records
5

Location	Passport ID	a0C2w00000LT4A4	a0C2w00000LT4A5	a0C2w00000LT4AJ	a0C2w00000LT4AO	a0C2w00000LT8Su	Total
<input type="checkbox"/> Chennai	Record Count	0	0	0	1	0	1
<input type="checkbox"/> Hyderabad	Record Count	0	1	0	0	0	1
<input type="checkbox"/> Madurai	Record Count	0	0	0	0	1	1
<input type="checkbox"/> Mumbai	Record Count	0	0	1	0	0	1

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

	Passport Number	Visa slot number
1	3536we	V-00004
2	09rf243	V-00001
3	07mf243	V-00005
4	09rf243	V-00003

Row Counts Detail Rows Grand Total Stacked Summaries

- And select a new report, for the record type category select other reports.
- Select passport with visa slots for the report type name.
- Select the start button to create a new report.

The screenshot shows the Salesforce Report Builder interface. The report is titled "Passports with Visa slots with payments". The main table displays record counts for various locations and passport IDs. The total record count is 5. The interface includes an Outline pane on the left, a Filter pane, and a Details pane at the bottom.

Location	Passport ID	Record Count
Chennai	a0C2w00000LT4A4	0
Hyderabad	a0C2w00000LT4A5	1
Madurai	a0C2w00000LT4AJ	0
Mumbai	a0C2w00000LT4AO	0
New Delhi	a0C2w00000LT8Su	1
Total		5

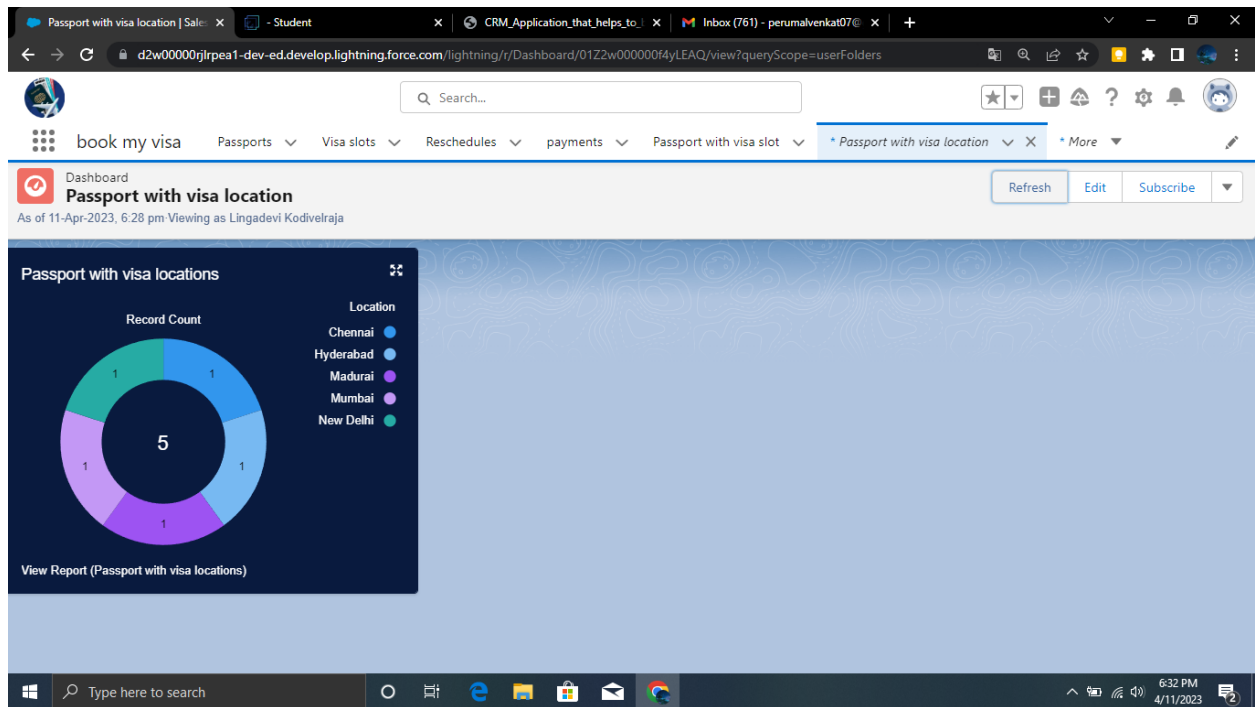
- At the left side of the report you can find an outline pane.
- In the group rows select location.
- In the group columns select passport: passport number to display.
- And in columns select visa slot number.
- Now navigate to the filter pane available next to the outline pane and ensure in the show me section all passports is selected.
- And in the passport created date select all time.
- And give the label name Passports with visa locations.
- Click on save and run for saving the report.

Dashboards:

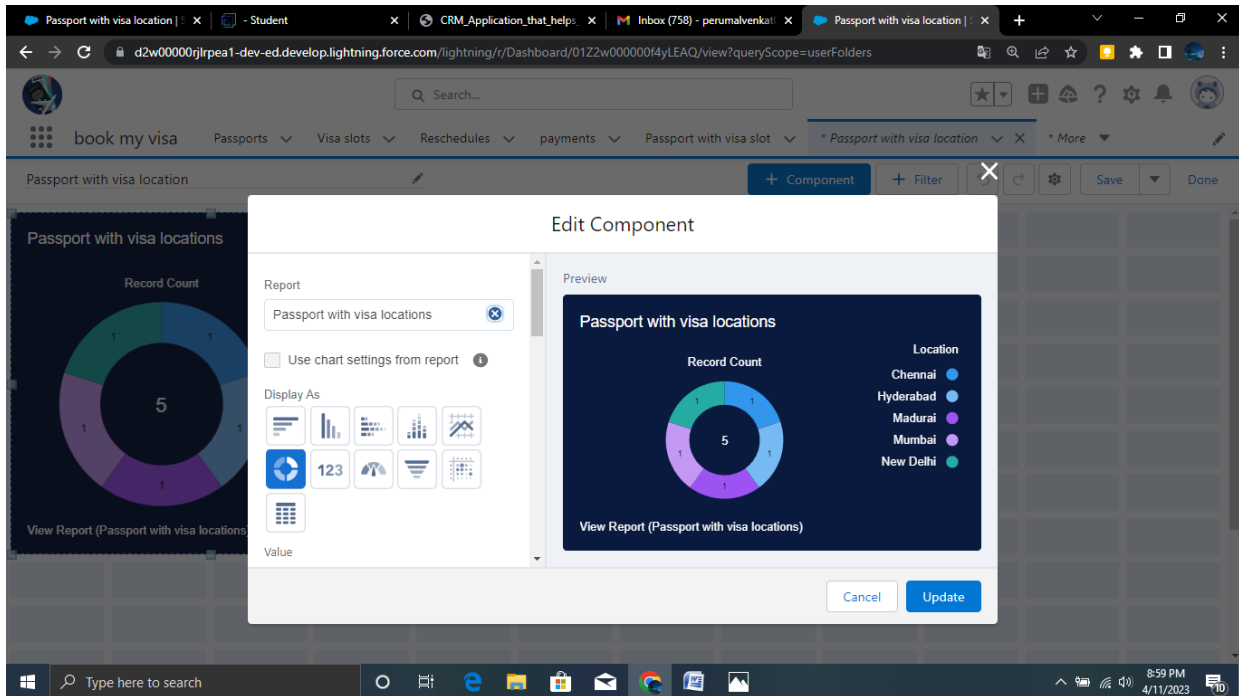
Dashboards in Salesforce are a graphical representation of Reports. It shows data from source reports as visual components.

Creation of Dashboard:

- Click on the app launcher and search for dashboards.



- Select the new dashboard option.
- Name the dashboard has a Passport with visa location.



- And select create option.
- Now click on Add component and for report select passport with locations.
- Select the donut chart in display as section.
- Ensure that value is record count and sliced by locations.
- Leave the default values.
- Click on add.
- And save the dashboard.

Trailhead Profile Public URL

Team Leader - <https://trailblazer.me/id/lkodivelraja>

Team Member1-<https://trailblazer.me/id/jvadivel1>

Team Member2-<https://trailblazer.me/id/tlakshmi41>

Team Member3-<https://trailblazer.me/id/kmaharajan2>

Team Member4-<https://trailblazer.me/id/mmarimuthu11>

CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT

Advantages

- ✚ Experience different culture and diversity.
- ✚ Explore and live the foreign beauty.
- ✚ The best opportunity to learn foreign languages.

Disadvantages

- ✚ Check with the destinations climate and weather checks to ensure the suitable clothing is packed.
- ✚ While ordering food ensure to check with the ingredients to reduce any possible health issues.

Applications

- ✚ Foreigners whose sole objectives of visit to India is to seek medical treatment in hospital or treatment centre.
- ✚ Family Members of the patient coming to India for medical treatment visa should be provided.
- ✚ The Business visa used for conference and Company meeting.
- ✚ You will be entering or residing the most during your business trip.
- ✚ Change to pursue your college studies new foreign country.

Conclusion

A Visa is an official document, or a stamp putting your passport, which allows you to enter or leave a particular country.

Future Scope

Electronic Visa Authorization systems, cloud-based passports, secure credentials on mobile phones, digital identities, and biometrics can simplify international travel by eliminating the need to carry a physical passport or obtain paper-based visas.

The virtual passport is part of the Australian philosophy of facilitating checks and controls and raising the bar.