NAAN MUDHALVAN

SALESFORCE DEVELOPER PROJECT REPORT

PROJECT TITLE : CRM APPLICATION TO BOOK A VISA SLOT

COLLEGE : PONJESLY COLLEGE OF ENGINEERING

DONE BY :

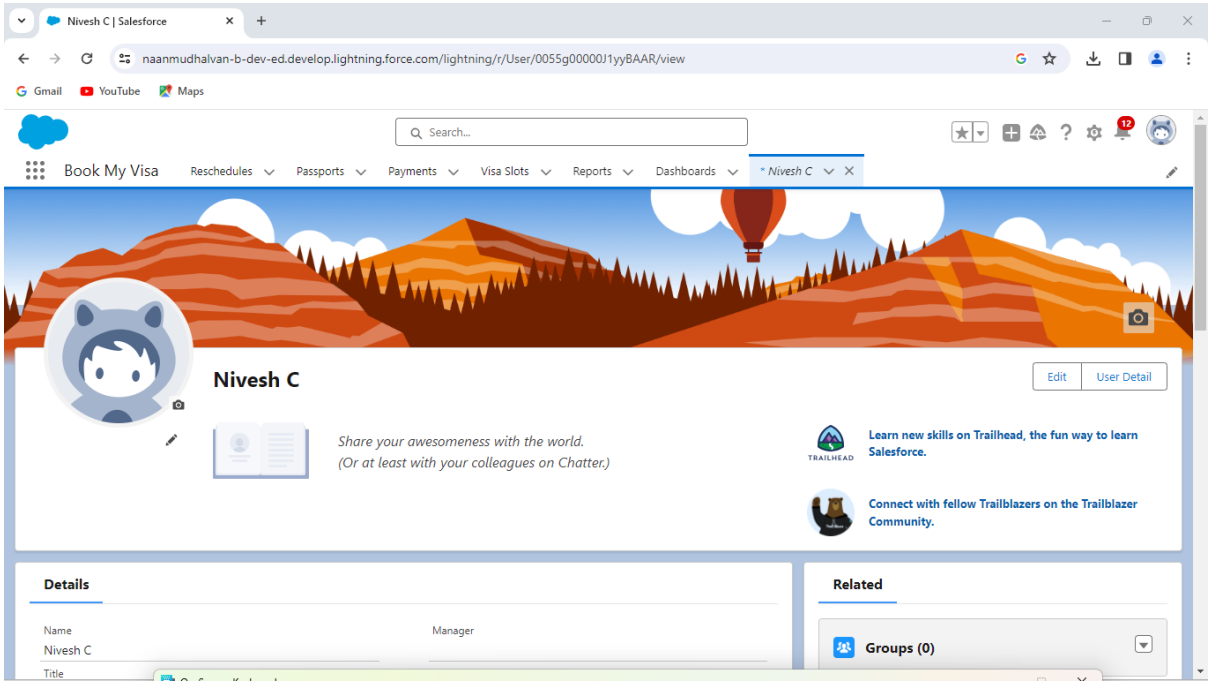
PRADEESH M

REG NO : 961820114320

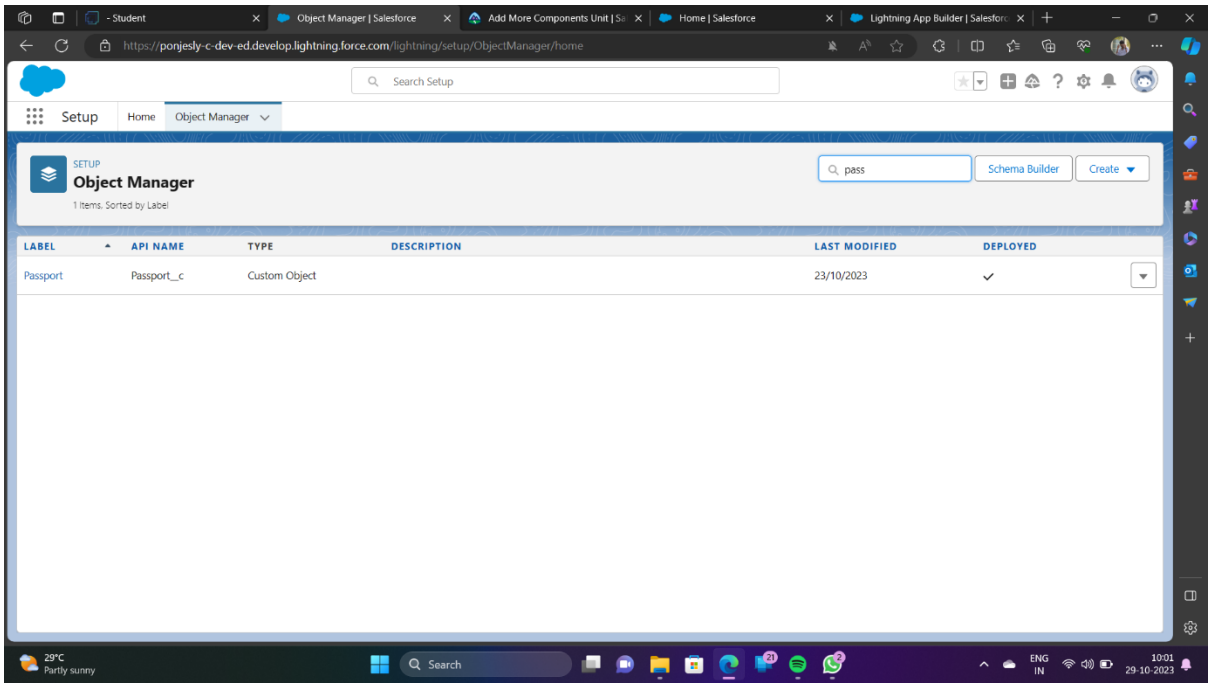
NM ID :

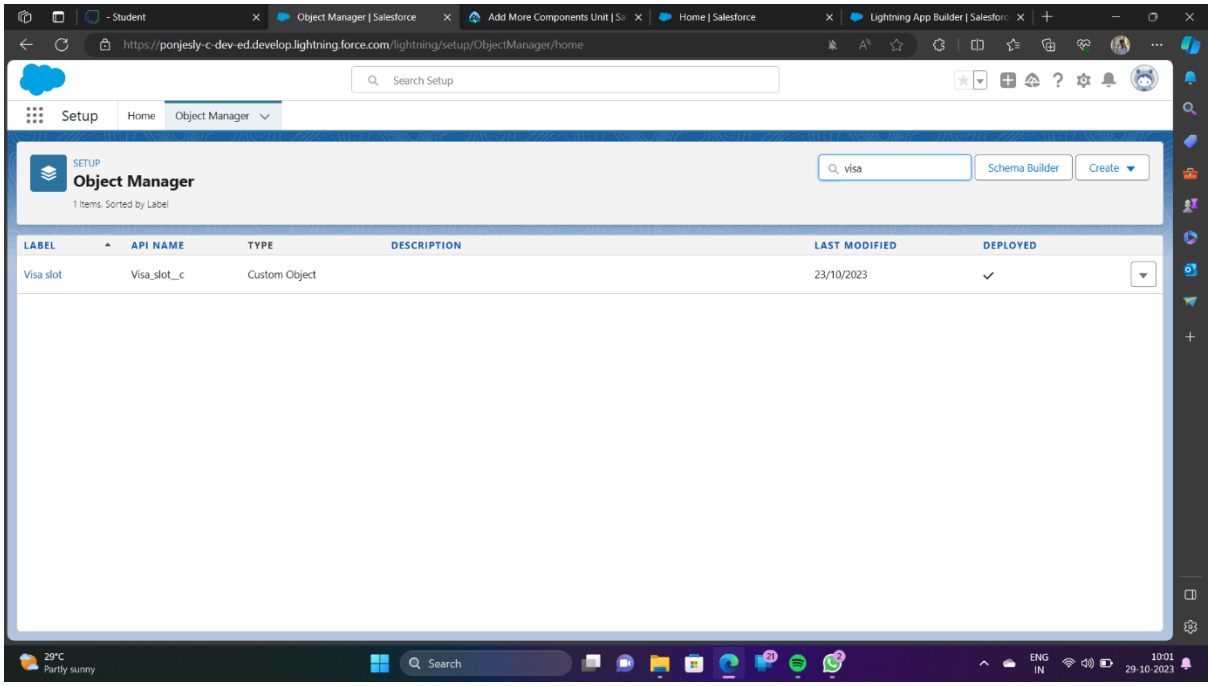
FF8589C1359ADF4B6284FE70B6CBE23F

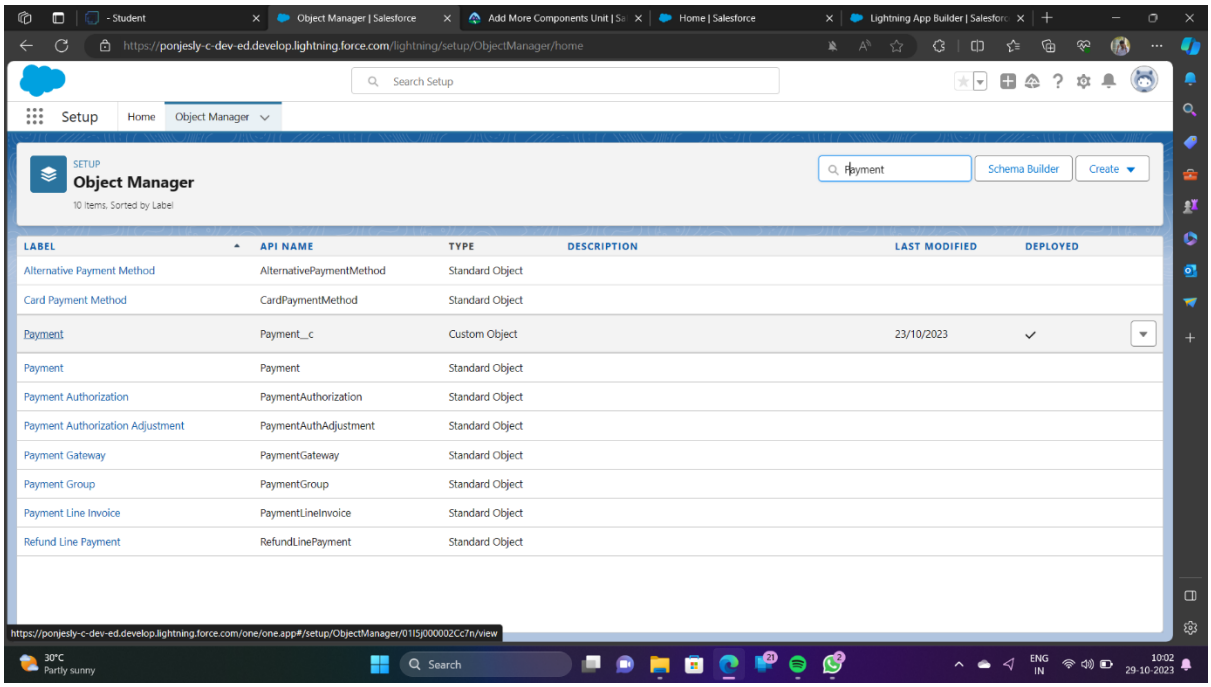
Step 1: Create a Salesforce Account



Step 2: Create the Objects (Passport, Visa Slot, Payment)




- Student
Object Manager | Salesforce
Add More Components Unit | Sa
Home | Salesforce
Lightning App Builder | Salesforc
https://ponjesly-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home
Search Setup
Setup
Home
Object Manager
SETUP
Object Manager
1 Items, Sorted by Label
visa
Schema Builder
Create
LABEL
API NAME
TYPE
DESCRIPTION
LAST MODIFIED
DEPLOYED
Visa slot
Visa_slot__c
Custom Object
23/10/2023
29°C
Partly sunny
Search
ENG
IN
10:01
29-10-2023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Object Manager | Salesforce
Add More Components Unit | Sa
Home | Salesforce
Lightning App Builder | Salesforc
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Search Setup
Setup
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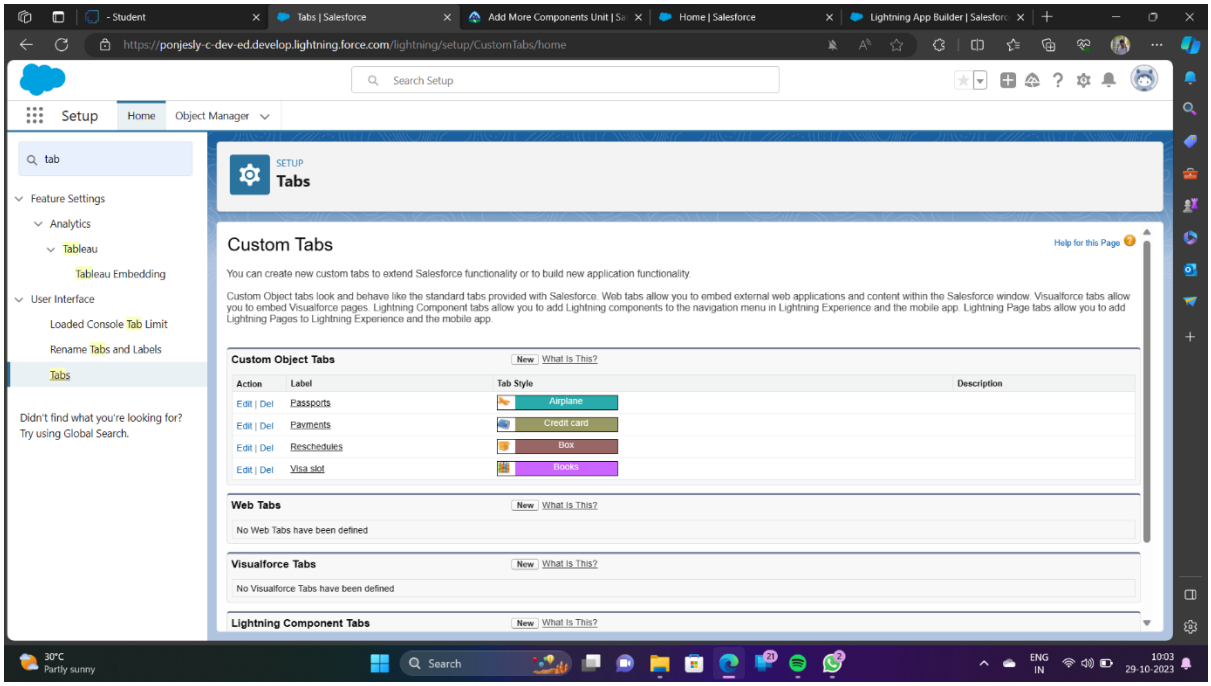
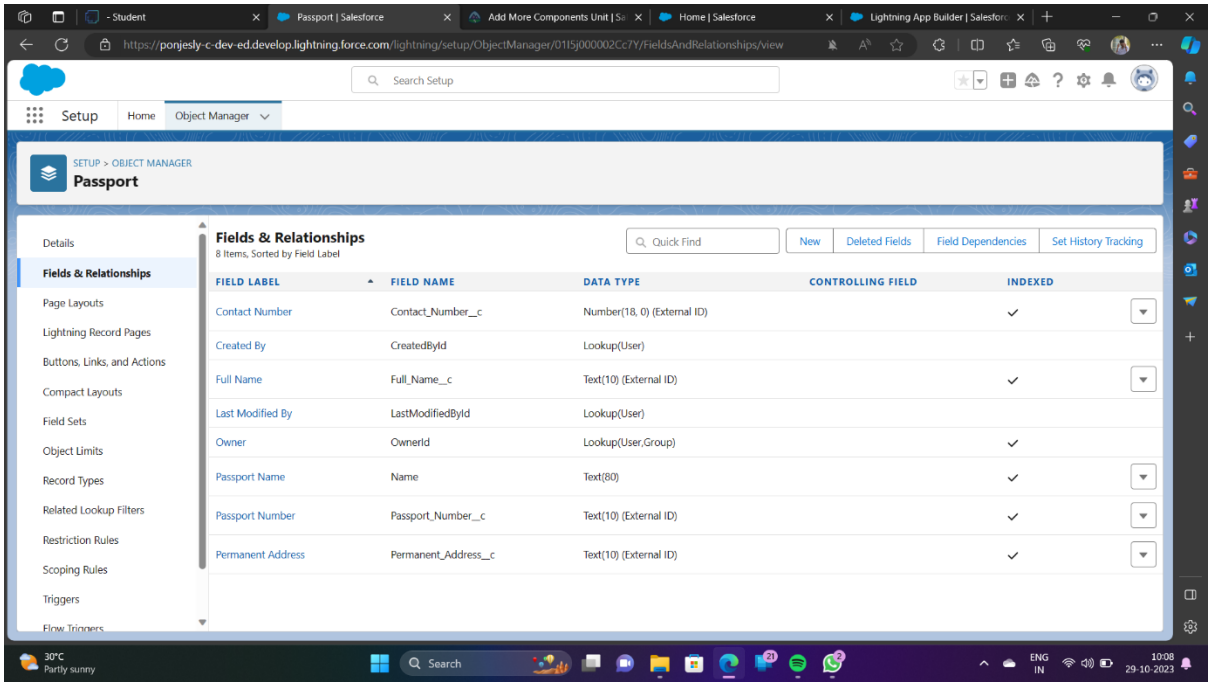
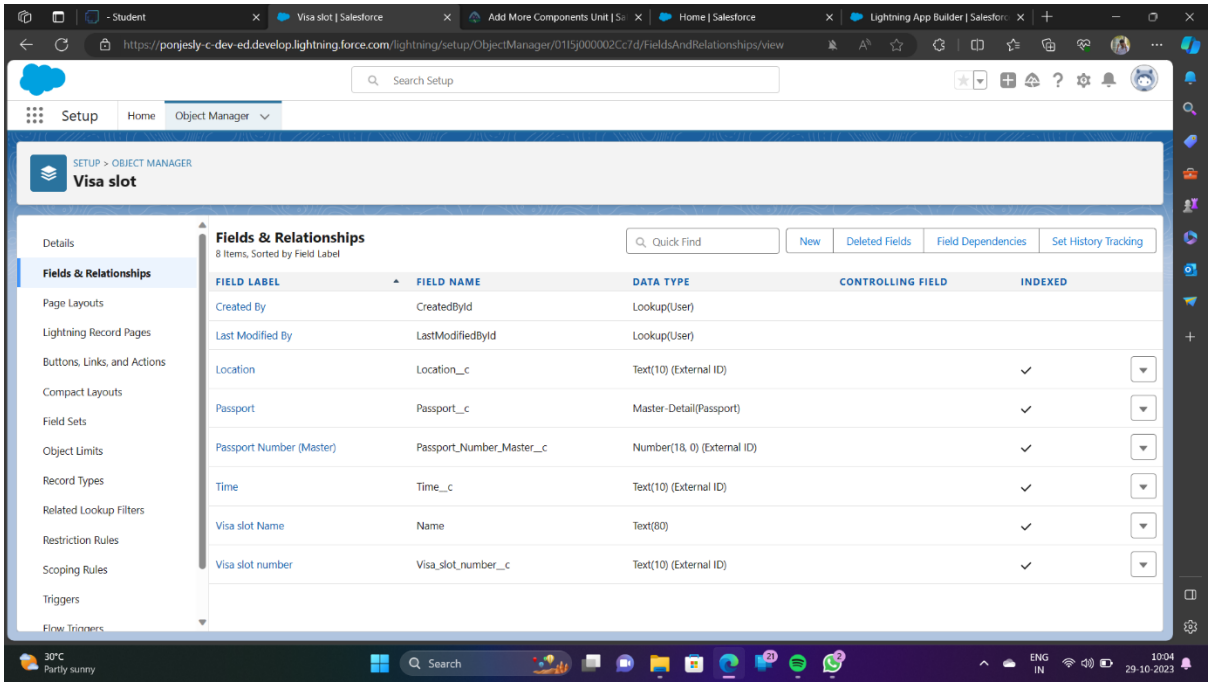
SETUP
Object Manager
10 Items, Sorted by Label
Payment
Schema Builder
Create
LABEL
API NAME
TYPE
DESCRIPTION
LAST MODIFIED
DEPLOYED
Alternative Payment Method
AlternativePaymentMethod
Standard Object
Card Payment Method
CardPaymentMethod
Standard Object
Payment
Payment__c
Custom Object
23/10/2023
Payment
Payment
Standard Object
Payment Authorization
PaymentAuthorization
Standard Object
Payment Authorization Adjustment
PaymentAuthAdjustment
Standard Object
Payment Gateway
PaymentGateway
Standard Object
Payment Group
PaymentGroup
Standard Object
Payment Line Invoice
PaymentLineInvoice
Standard Object
Refund Line Payment
RefundLinePayment
Standard Object
https://ponjesly-c-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/0115j000002Cc7n/view
30°C
Partly sunny
Search
ENG
IN
10:02
29-10-2023

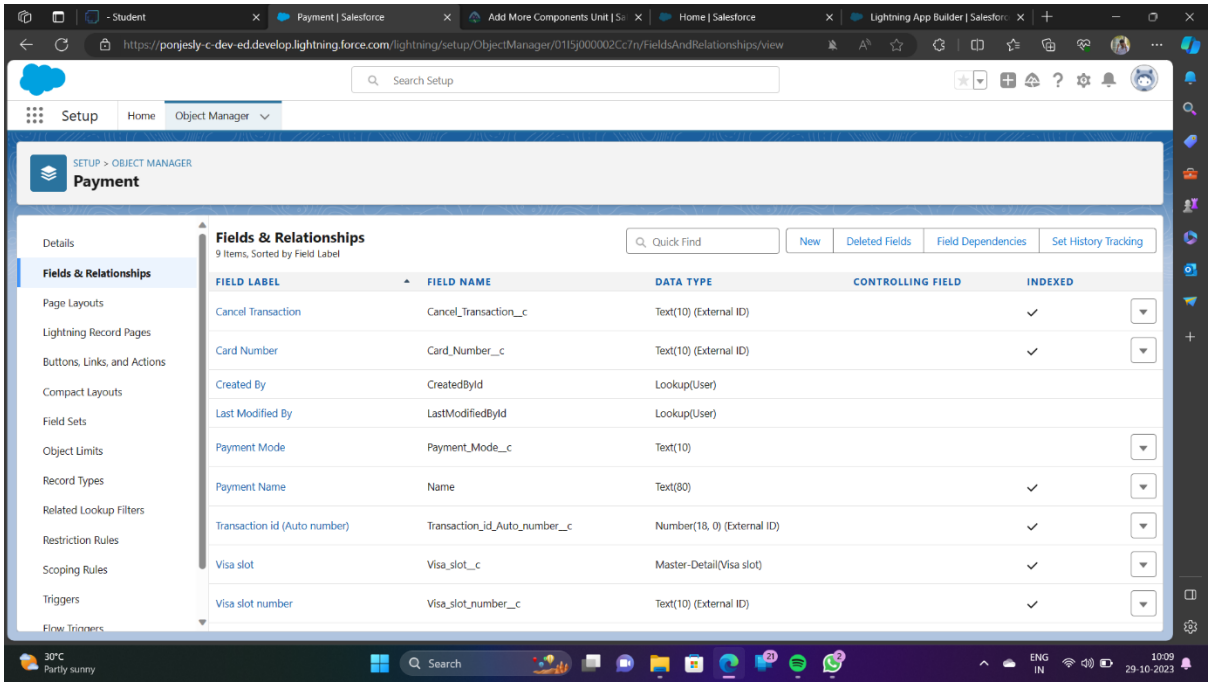
Step 3: Create the Tabs for each Objects (Passport, Visa Slot, Payment)



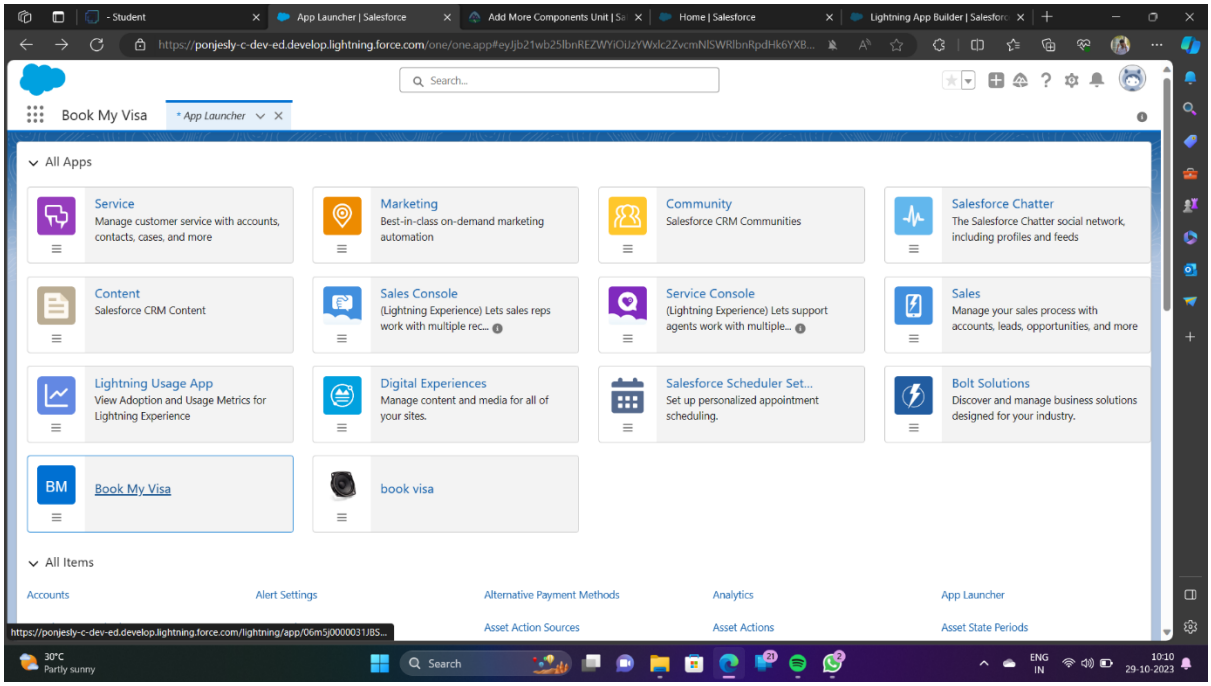
Step 4: Create the Fields & Relationship for each Objects (Passport, Visa Slot, Payment)



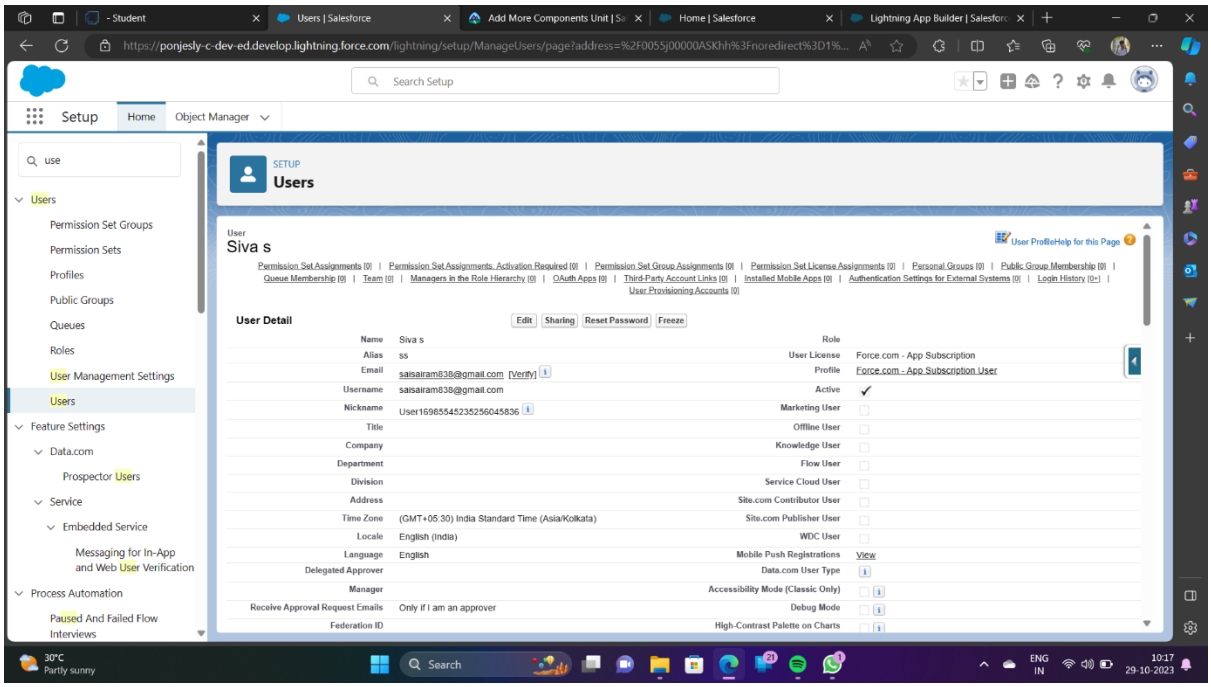

- Student
Visa slot | Salesforce
Add More Components Unit | Sa
Home | Salesforce
Lightning App Builder | Salesforc
https://ponjesly-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002Cc7d/FieldsAndRelationships/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
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
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Fields & Relationships
8 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(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)
Visa slot Name
Name
Text(80)
Visa slot number
Visa_slot_number__c
Text(10) (External ID)
30°C
Partly sunny
Search
ENG
IN
10:04
29-10-2023


- Student
Payment | Salesforce
Add More Components Unit | Sa
Home | Salesforce
Lightning App Builder | Salesforc
https://ponjesly-c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002Cc7n/FieldsAndRelationships/view
Search Setup
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
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Fields & Relationships
9 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
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)
Payment Name
Name
Text(80)
Transaction id (Auto number)
Transaction_id_Auto_number__c
Number(18, 0) (External ID)
Visa slot
Visa_slot__c
Master-Detail(Visa slot)
Visa slot number
Visa_slot_number__c
Text(10) (External ID)
30°C
Partly sunny
Search
ENG
IN
10:09
29-10-2023

Step 5: Create a Lightining App

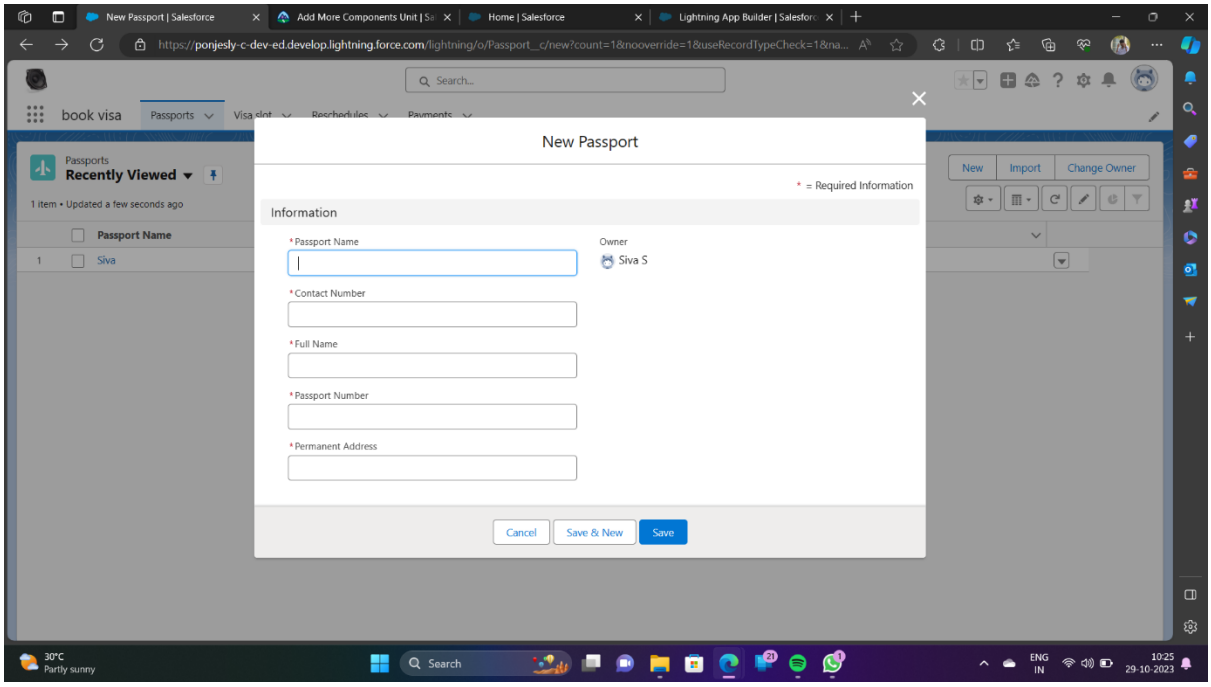


Step 6: Create the User

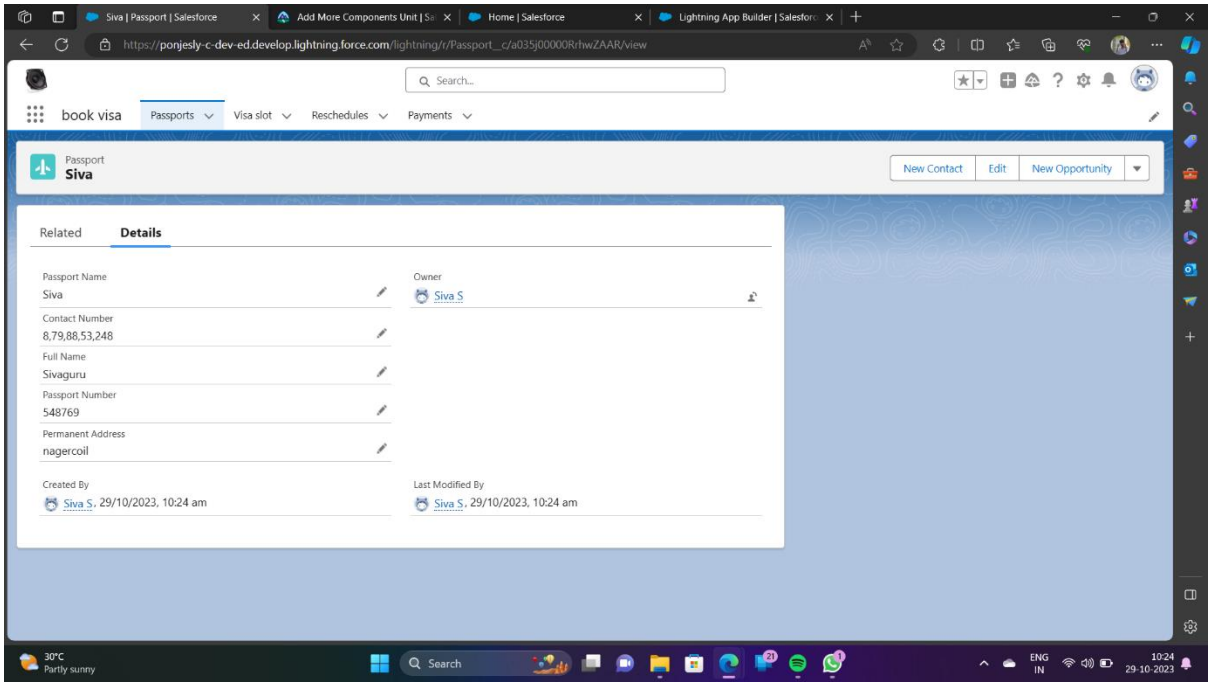


Step 7: Create the User Adoption

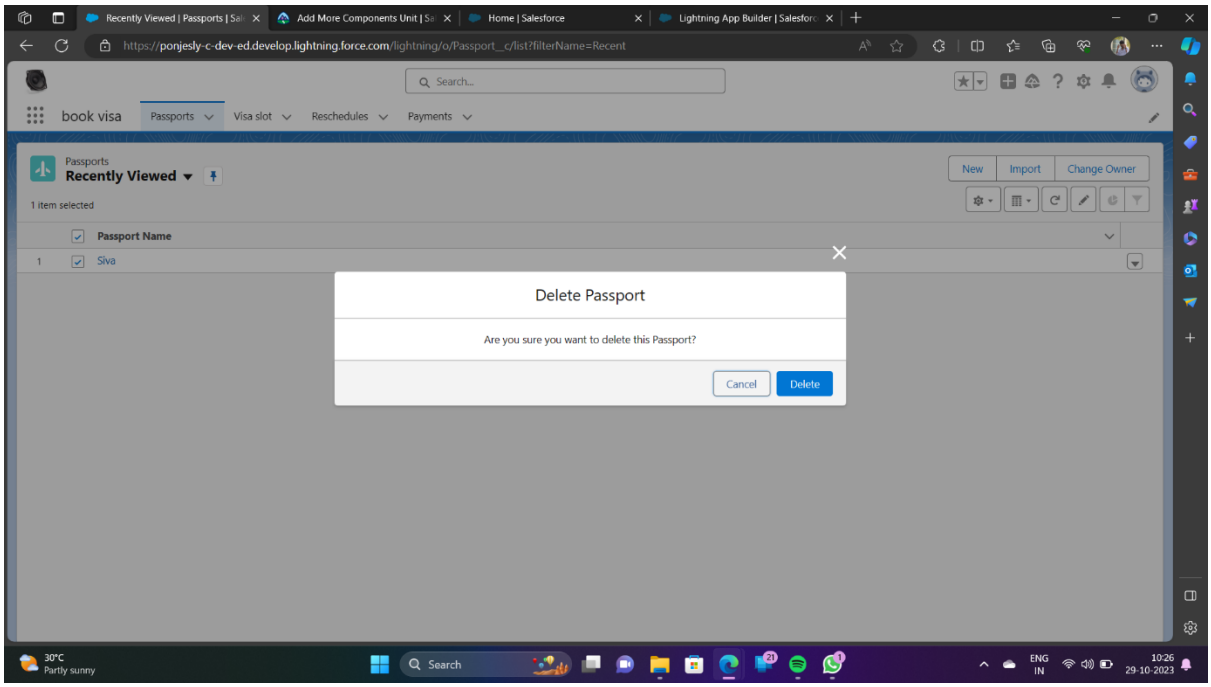
Create Record (Passport)



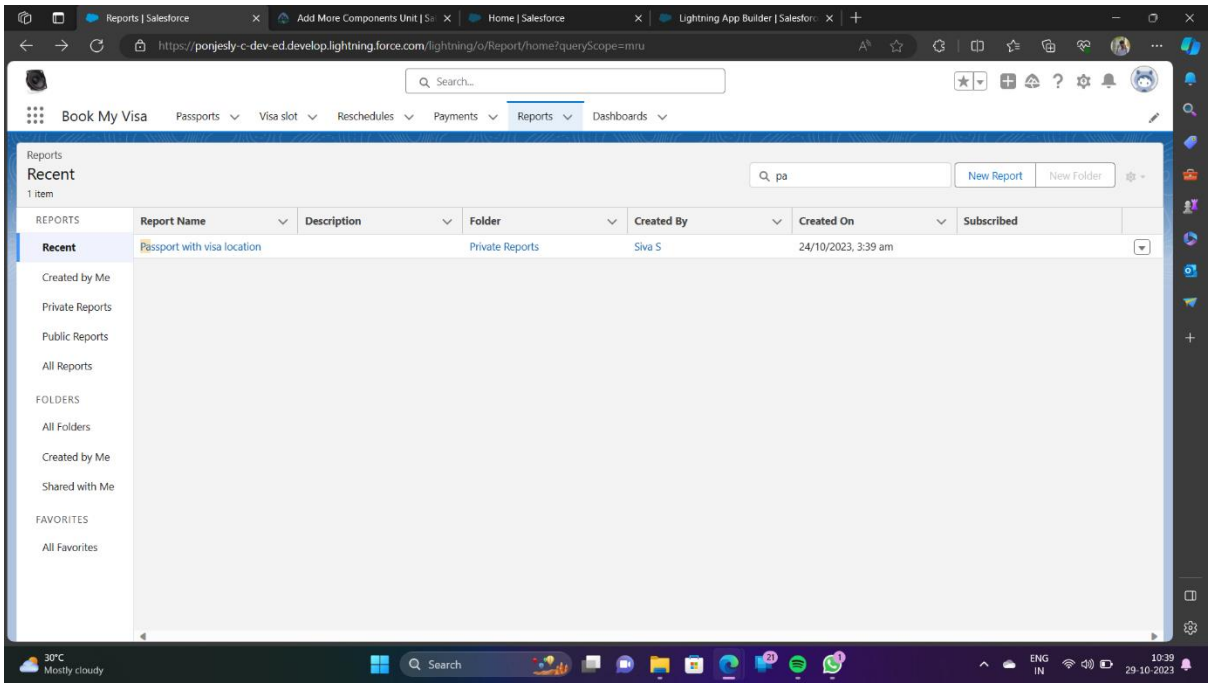
View Record (Passport)



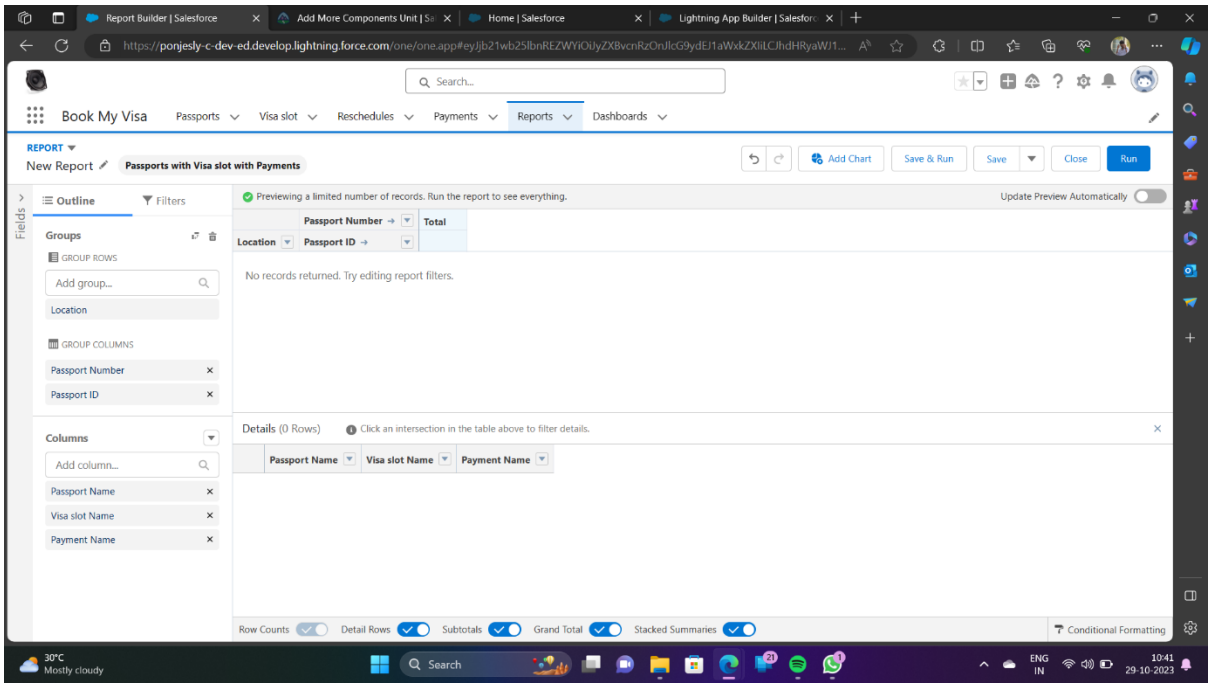
Delete Record (Passport)



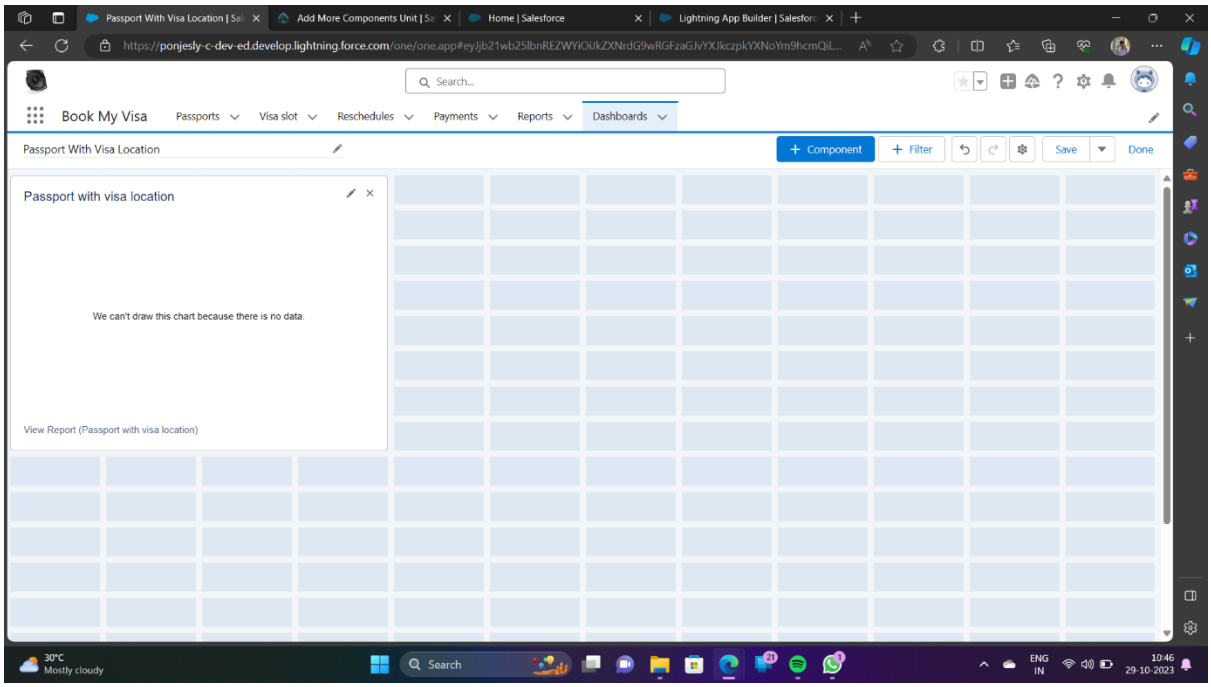
Step 8: i) Create the Reports



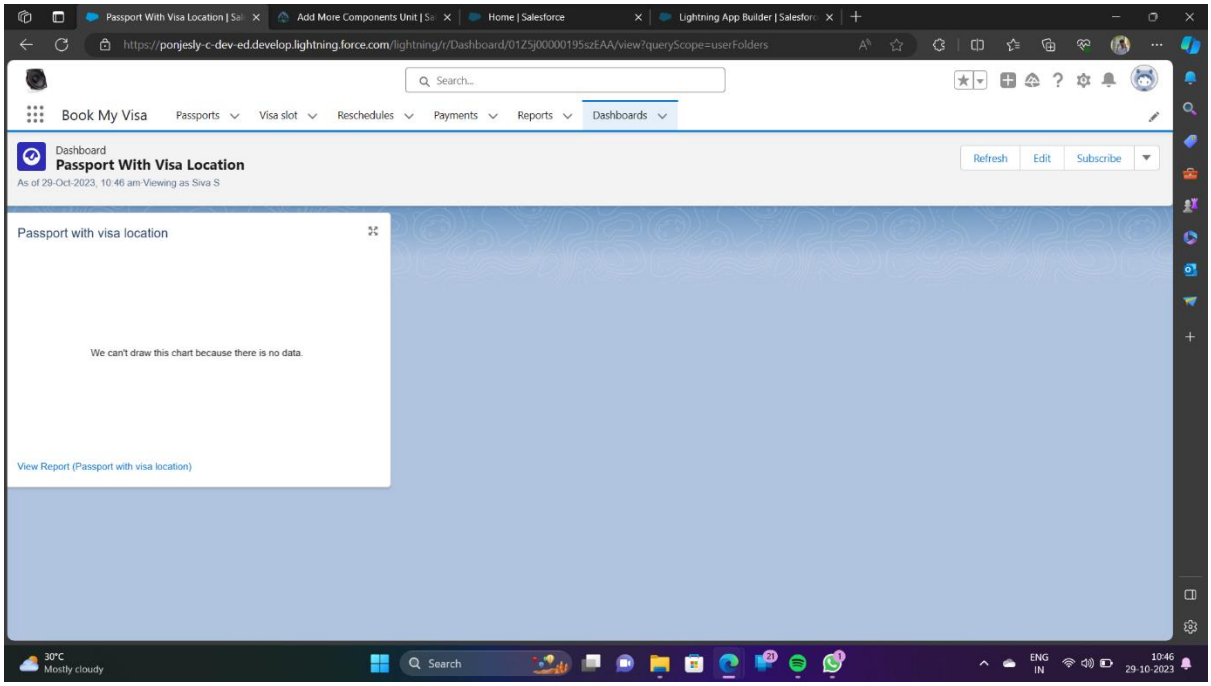
ii) View the Reports



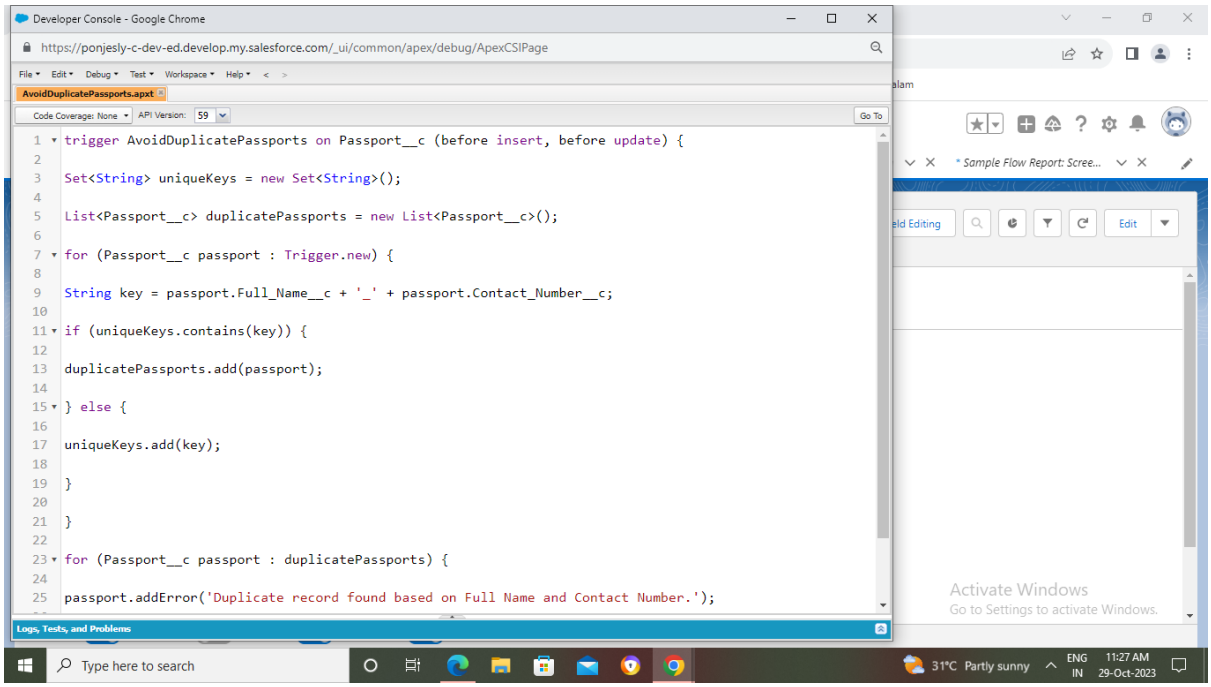
Step 9: i) Create the Dashboard

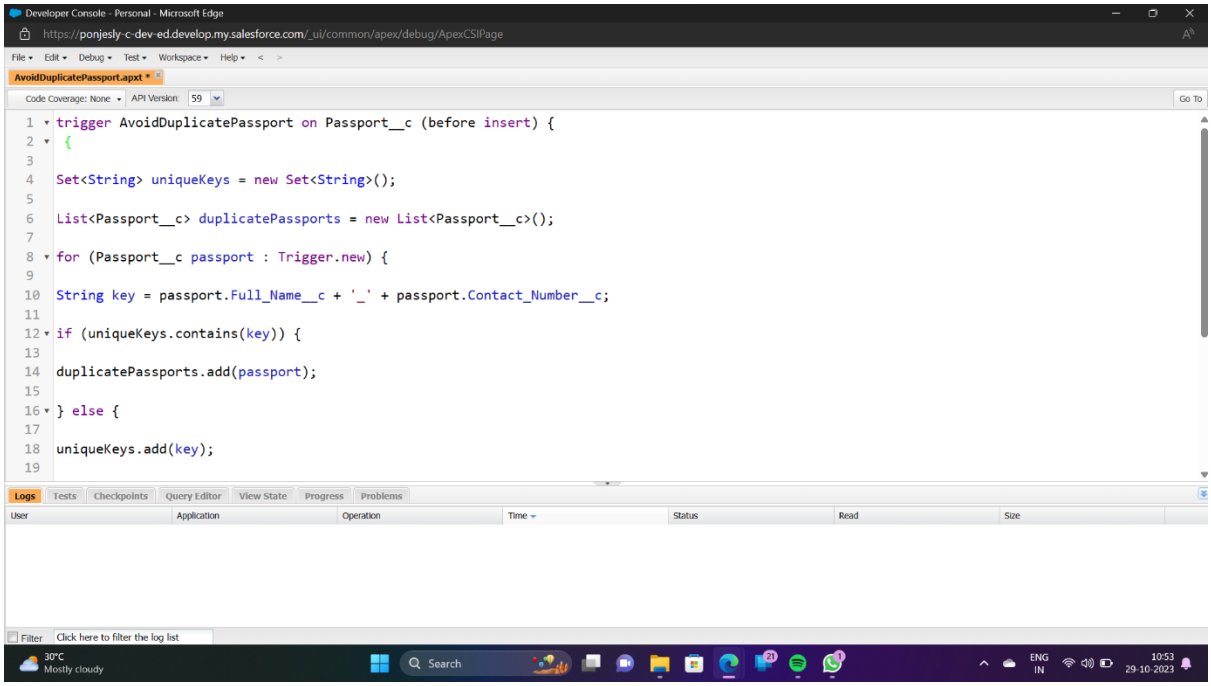


ii) View the Dashboard



Step 10: Create a Apex




Developer Console - Personal - Microsoft Edge
https://ponjesly-c-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
File Edit Debug Test Workspace Help
AvoidDuplicatePassport.apxt
Code Coverage: None
API Version: 59
Go To
1 trigger AvoidDuplicatePassport on Passport__c (before insert) {
2 {
3
4 Set<String> uniqueKeys = new Set<String>();
5
6 List<Passport__c> duplicatePassports = new List<Passport__c>();
7
8 for (Passport__c passport : Trigger.new) {
9
10 String key = passport.Full_Name__c + '_' + passport.Contact_Number__c;
11
12 if (uniqueKeys.contains(key)) {
13
14 duplicatePassports.add(passport);
15
16 } else {
17
18 uniqueKeys.add(key);
19
Logs Tests Checkpoints Query Editor View State Progress Problems
User Application Operation Time Status Read Size
Filter Click here to filter the log list
30°C
Mostly cloudy
Search
ENG
IN
10:53
29-10-2023