

LEASE MANAGEMENT

Team Members:

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Project Overview:

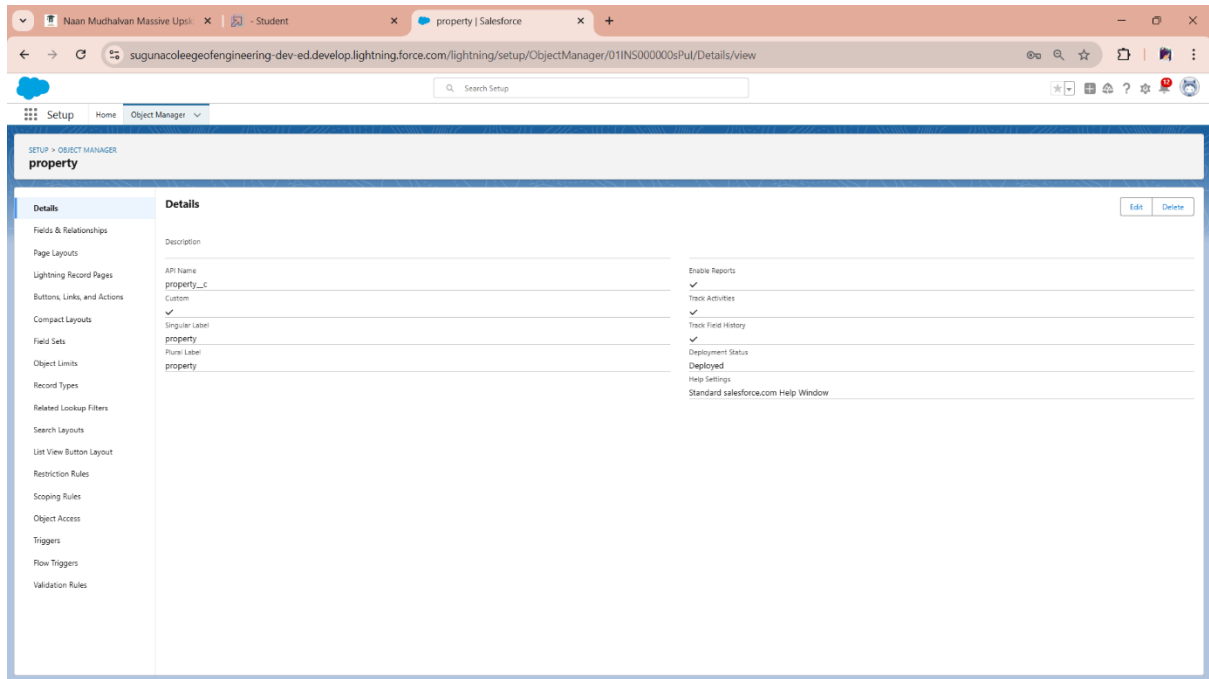
This project aims to develop a comprehensive lease management system using Salesforce. The system will streamline the process of managing lease agreements, tracking tenant information, scheduling maintenance, and generating reports. By leveraging Salesforce's robust platform, the system will provide a user-friendly and efficient tool for property managers to handle their leasing operations effectively.

Objective:

- To create a centralized platform for managing lease agreements and tenant information.
- To automate maintenance scheduling and ensure timely completion of tasks.
- To generate insightful reports for better decision-making.
- To enhance user experience with an intuitive interface and seamless functionality.

Schedule Apex class:

Create Property Object:

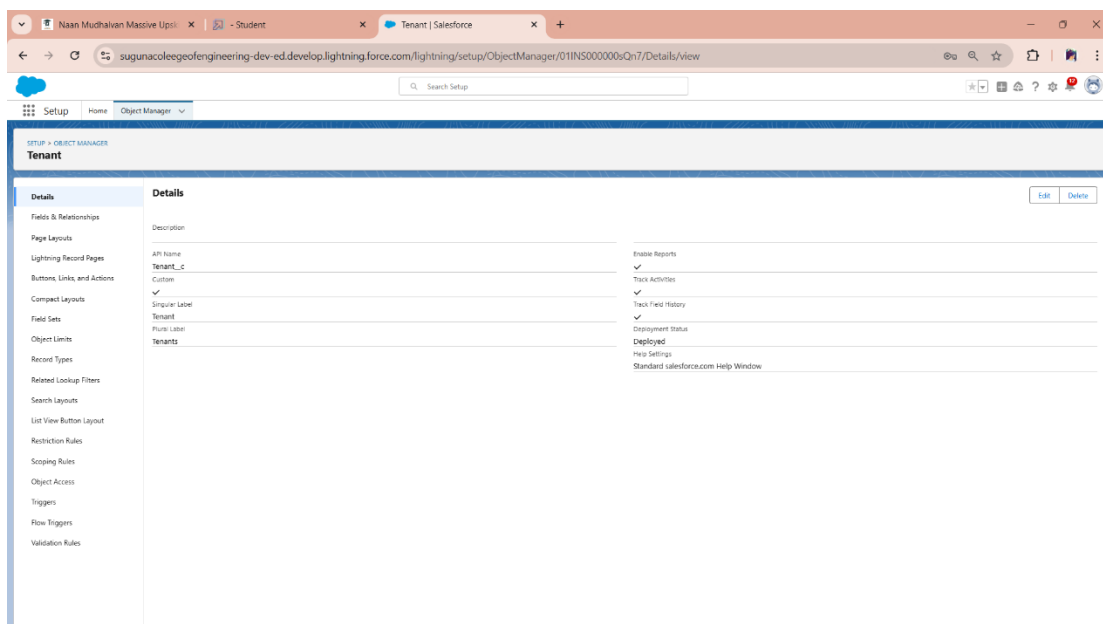


The screenshot shows the Salesforce Object Manager interface for a custom object named 'property'. The left sidebar contains a navigation menu with the following items: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, Scoping Rules, Object Access, Triggers, Flow Triggers, and Validation Rules. The 'Details' section is currently selected. The main content area displays the following fields:

Field Name	Value
Description	
API Name	property__c
Custom	Custom
Singular Label	property
Plural Label	property
Enable Reports	<input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

Create Tenant Object:



The screenshot shows the Salesforce Object Manager interface for a custom object named 'Tenant'. The left sidebar contains the same navigation menu as the previous screenshot. The 'Details' section is selected. The main content area displays the following fields:

Field Name	Value
Description	
API Name	Tenant__c
Custom	Custom
Singular Label	Tenant
Plural Label	Tenants
Enable Reports	<input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

Create Payment Object

The screenshot shows the Salesforce Setup interface for the 'Payment for tenanat' object. The browser tabs include 'Naan Mudhalvan Massive Upskill', 'Student', and 'Payment for tenanat | Salesforce'. The URL is 'sugunacollegeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sP1S/Details/view'. The left sidebar shows the 'Setup' menu with 'Object Manager' selected. The main content area is titled 'Payment for tenanat' and contains a 'Details' section with the following fields:

Field	Value
Description	
API Name	Payment_for_tenanat__c
Custom	<input checked="" type="checkbox"/>
Singular Label	Payment for tenanat
Plural Label	Payment
Enable Reports	<input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

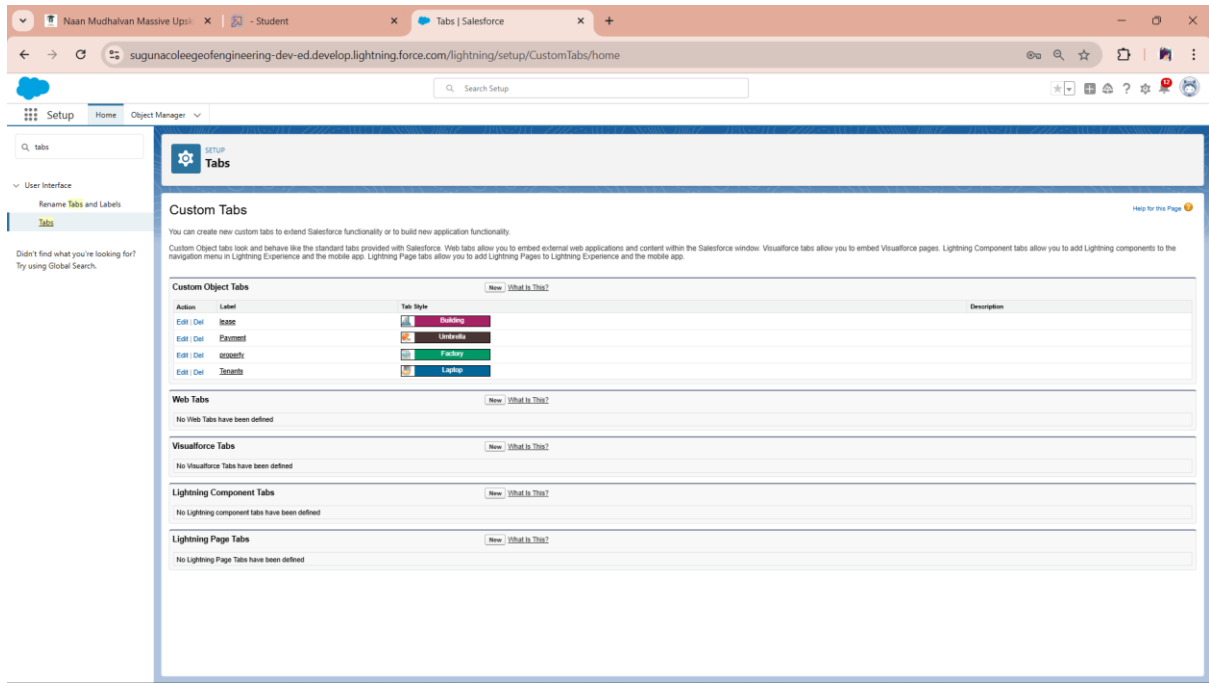
Create Lease Object

The screenshot shows the Salesforce Setup interface for the 'lease' object. The browser tabs include 'Naan Mudhalvan Massive Upskill', 'Student', and 'lease | Salesforce'. The URL is 'sugunacollegeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sQrx/Details/view'. The left sidebar shows the 'Setup' menu with 'Object Manager' selected. The main content area is titled 'lease' and contains a 'Details' section with the following fields:

Field	Value
Description	
API Name	lease__c
Custom	<input checked="" type="checkbox"/>
Singular Label	lease
Plural Label	lease
Enable Reports	<input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

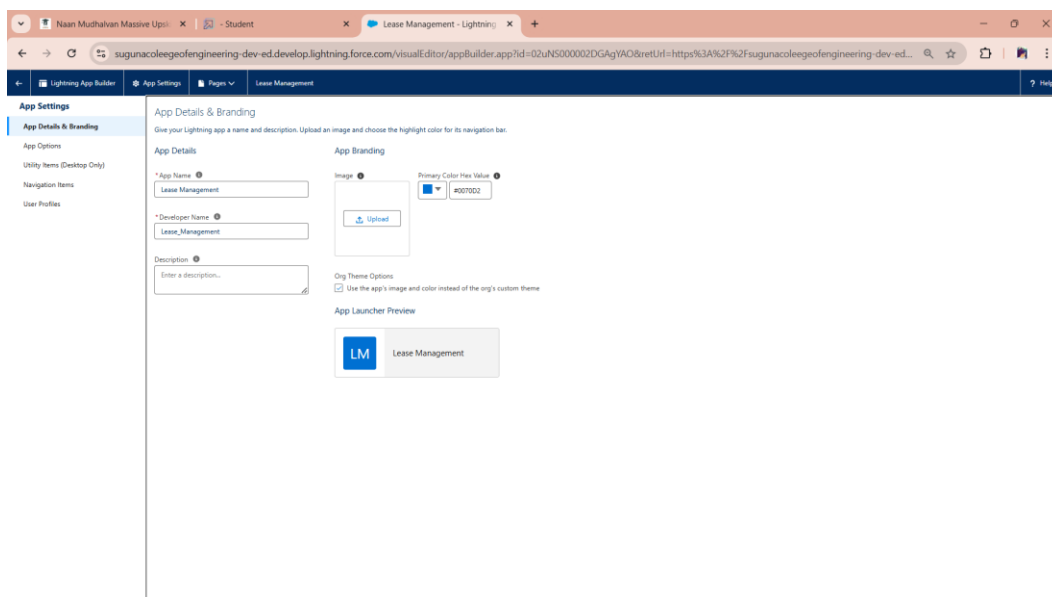
Tabs

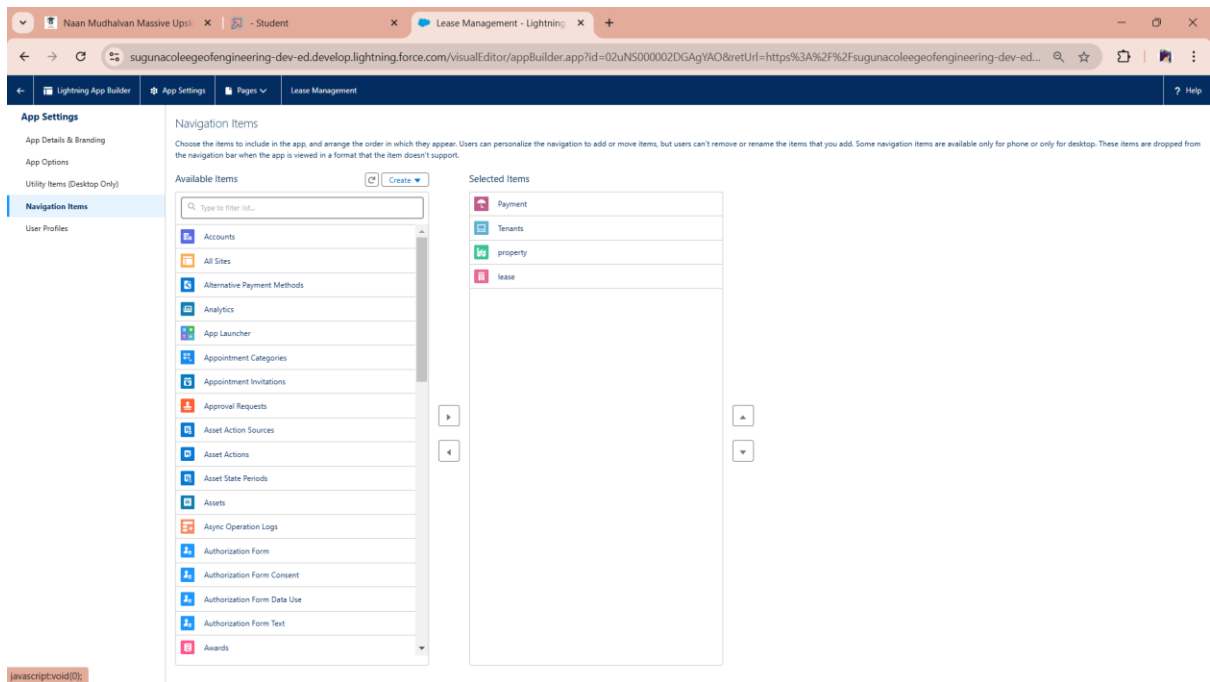
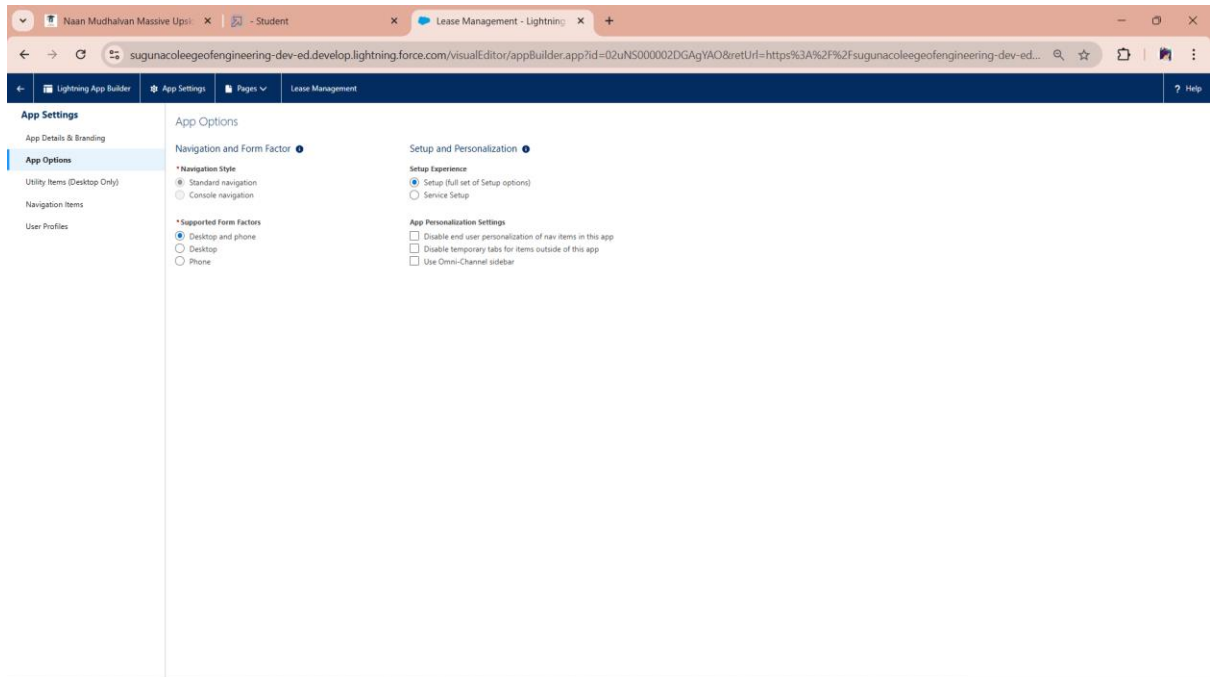
Creating a Custom Tab



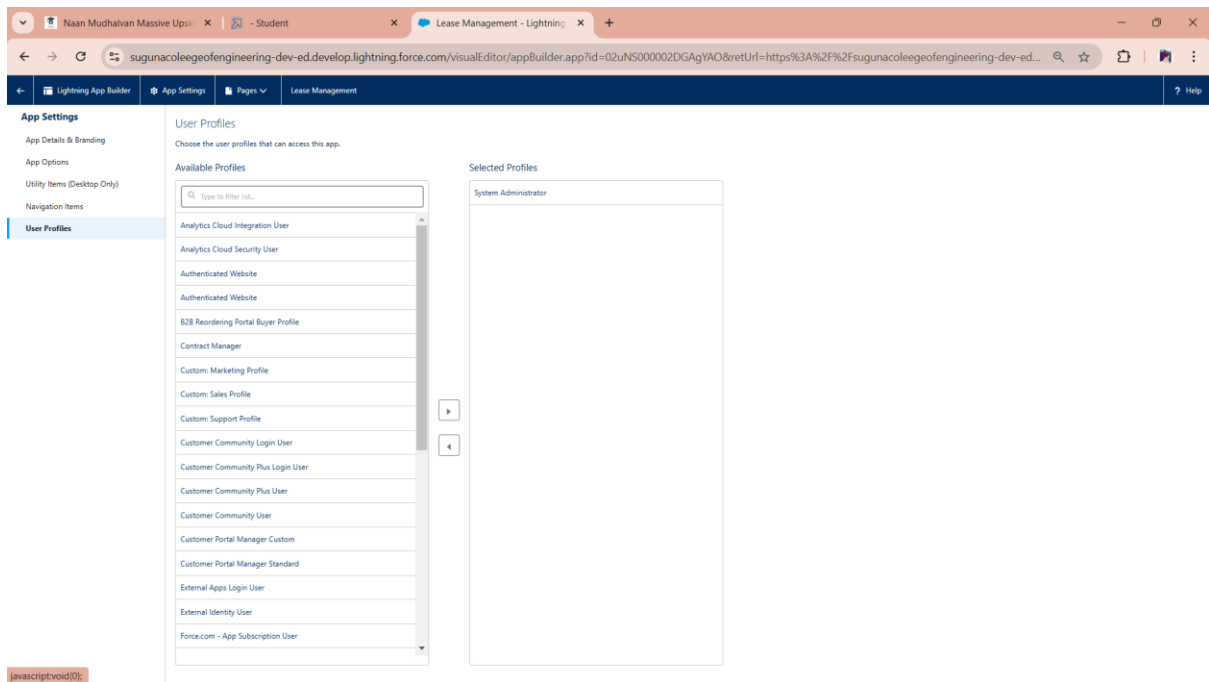
The Lightning App

Create a Lightning App



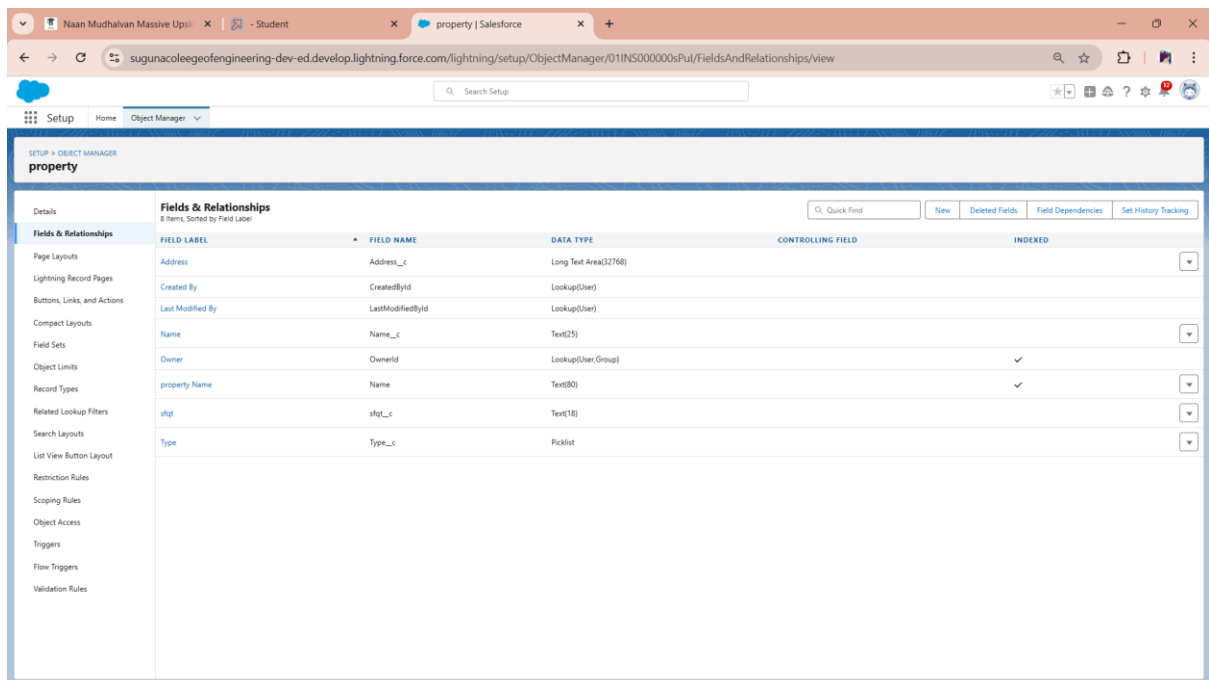


javascriptvoid(0);



Fields

Creation of fields for the property object



Creation of fields for the Tenant object

Naan Mudhalvan Massive Upskill - Student

Tenant | Salesforce

Apex Classes | Salesforce

monthly payment - V1

sugunacoleeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sQn7/FieldsAndRelationships/view

Setup

Home

Object Manager

Tenant

Details

Fields & Relationships

7 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)		
Email	Email_c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Phone	Phone_c	Phone		
property	property__c	Master-Detail(property)		✓
status	status__c	Picklist		
Tenant Name	Name	Text(80)		✓

Creation of fields for the Lease object

Naan Mudhalvan Massive Upskill - Student

lease | Salesforce

sugunacoleeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sQrx/FieldsAndRelationships/view

Setup

Home

Object Manager

lease

Details

Fields & Relationships

7 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)		
End date	End_date__c	Date		
Last Modified By	LastModifiedById	Lookup(User)		
lease Name	Name	Text(80)		✓
Owner	OwnerId	Lookup(User:Group)		✓
property	property__c	Lookup(property)		✓
start date	start_date__c	Date		

Creation of fields for the Payment for tenant object

Naan Mudhalvan Massive Upskill - Student | Payment for tenant | Salesforce

sugunacoleegeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sP1S/FieldsAndRelationships/view

Setup | Home | Object Manager

SETUP > OBJECT MANAGER

Payment for tenant

Details | **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
Amount	Amount_c	Number(18, 0)		
check for payment	check_for_payment_c	Picklist		
Created By	CreatedById	Lookup(User)		
Email	Email_c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Payment date	Payment_date_c	Date		
Payment Name	Name	Text(80)		✓
property	property_c	Master-Detail(property)		✓

https://sugunacoleegeofengineering-dev-ed.develop.lightning.force.com/one/one.app#/setu...

Validation rule

Naan Mudhalvan Massive Upskill - Student | lease | Salesforce

sugunacoleegeofengineering-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000000sQrx/ValidationRules/view

Setup | Home | Object Manager

SETUP > OBJECT MANAGER

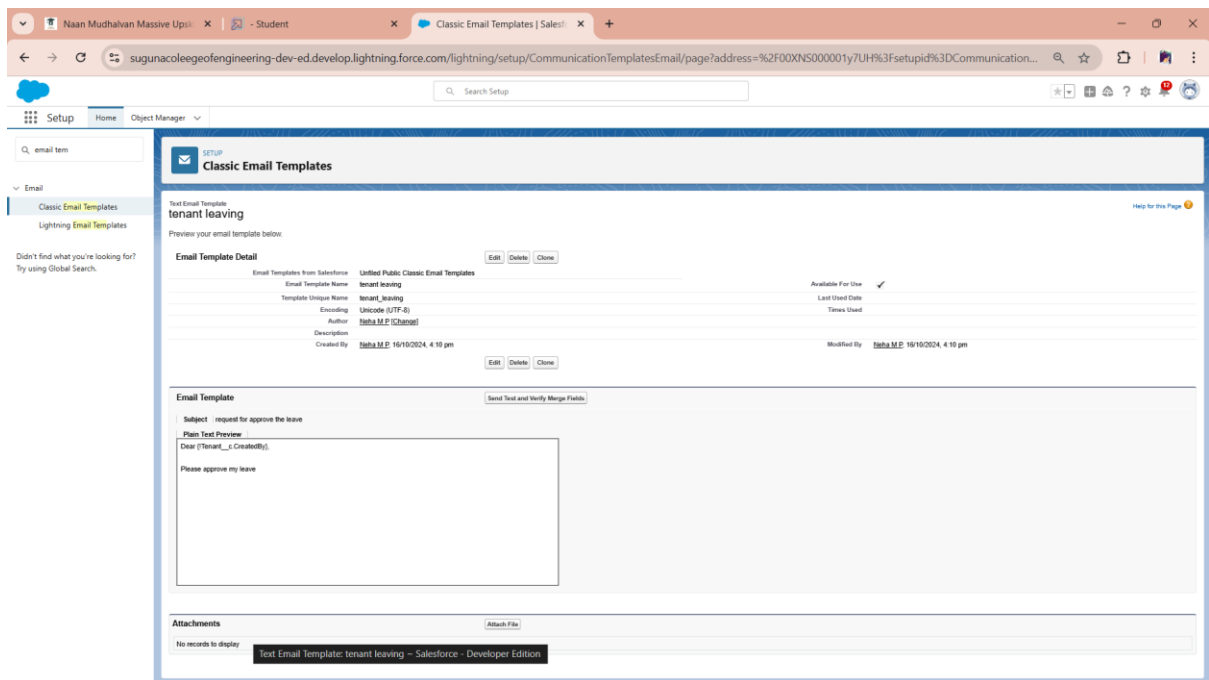
lease

Details | **Validation Rules** | 1 items, Sorted by Rule Name | New

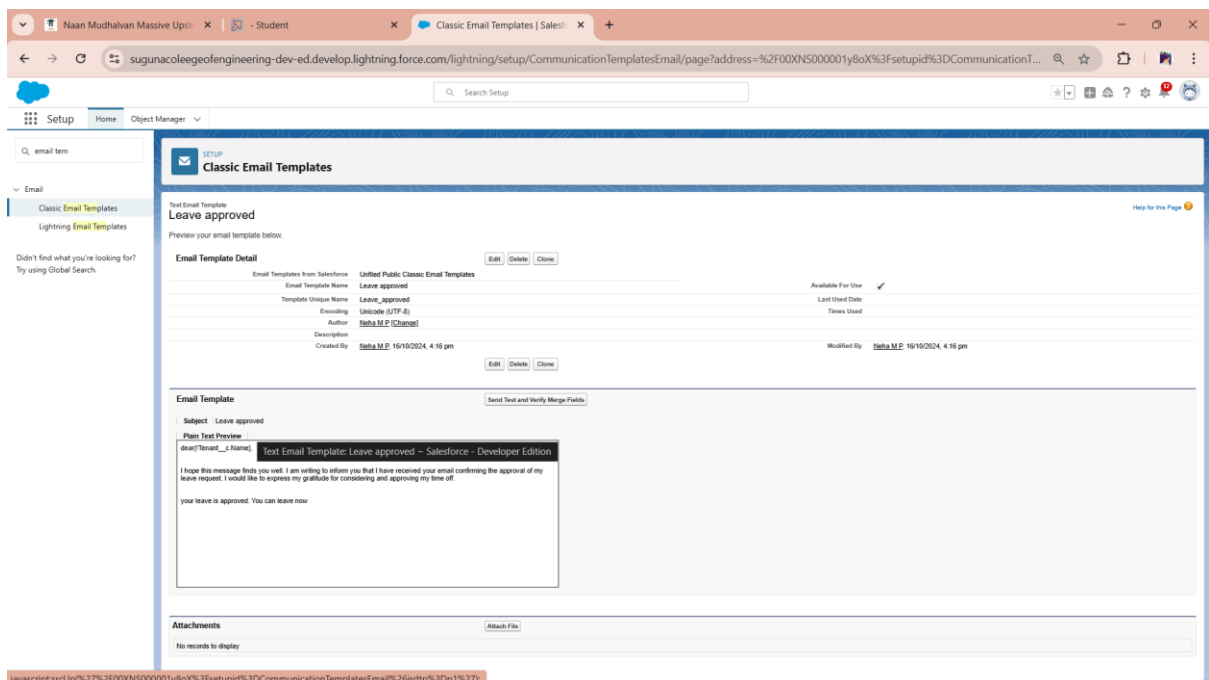
RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
lease_end_date	start date	Your End date must be greater than start date	✓	Neha M P, 16/10/2024, 3:55 pm

https://sugunacoleegeofengineering-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/01INS000000sQrx/ValidationRules/view

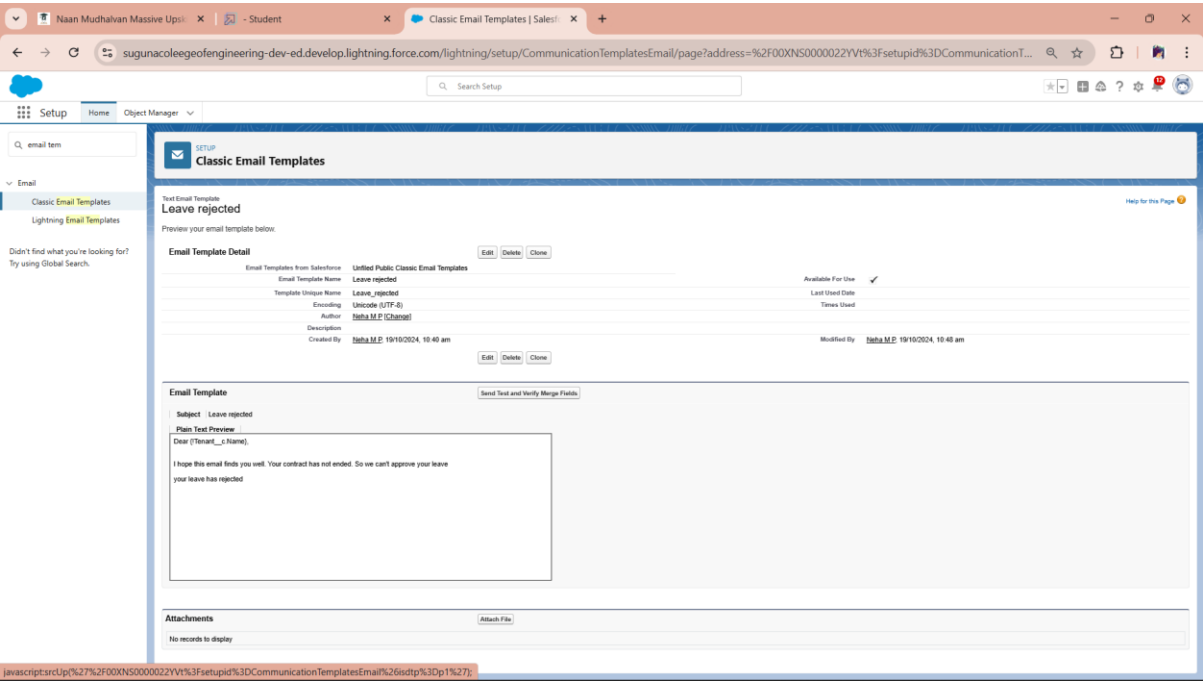
Create Email Template For Tenant Leaving



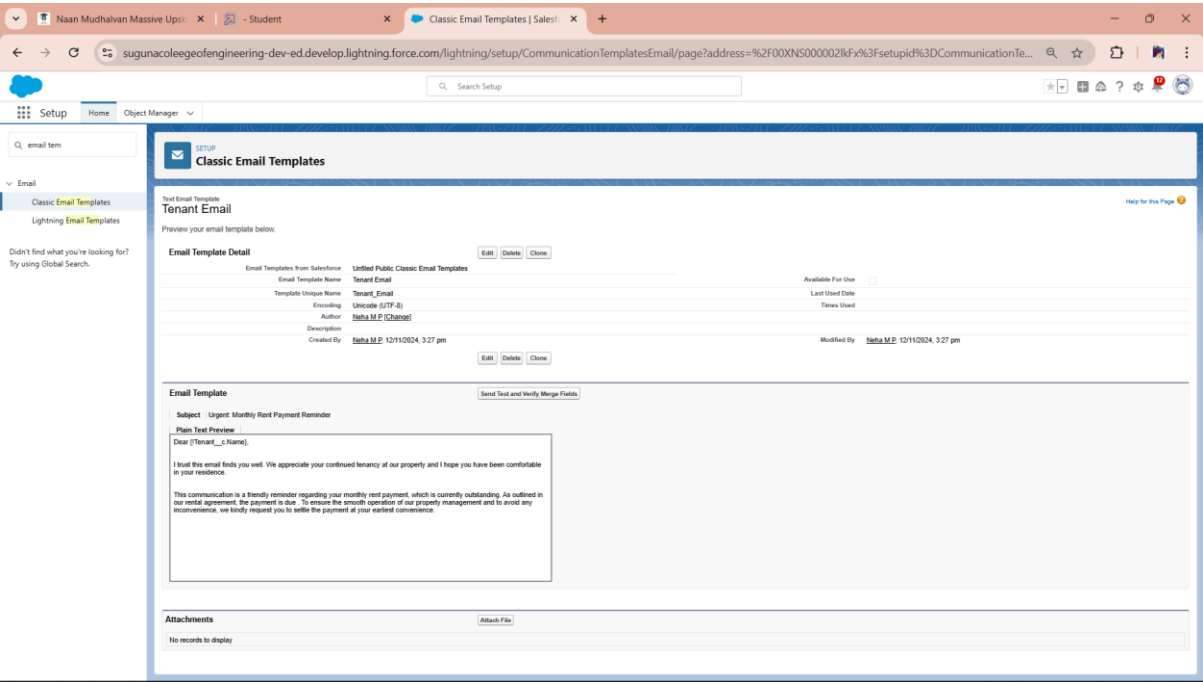
Create Email Template For Leave Approved



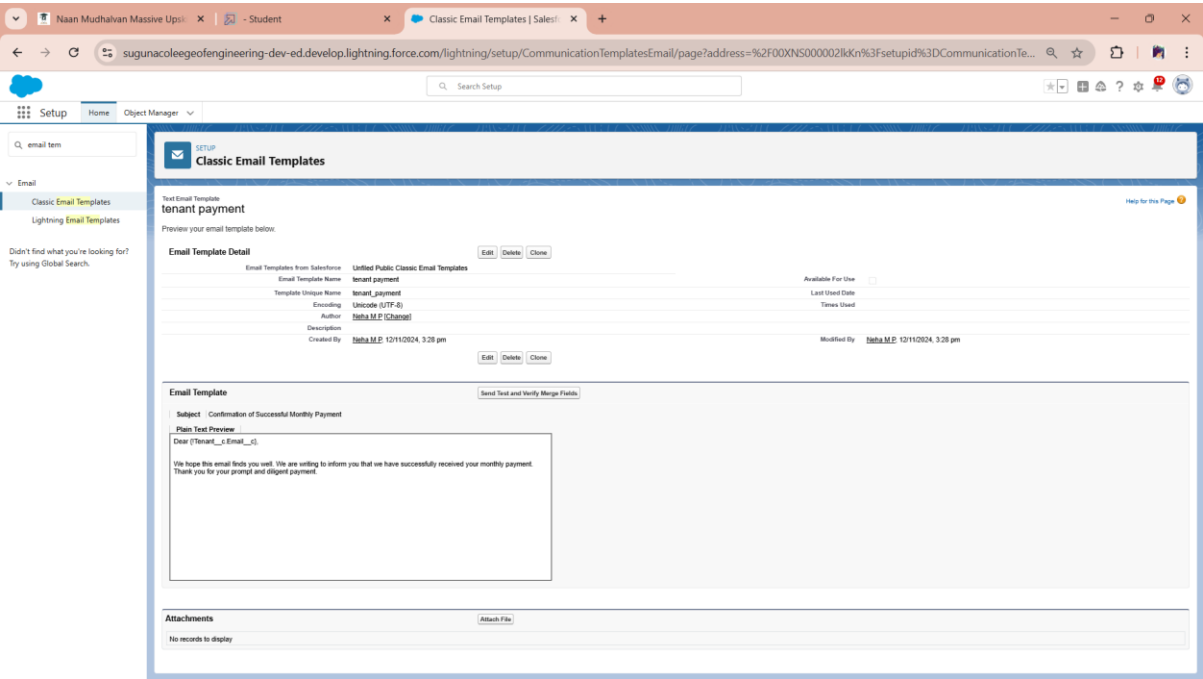
Create Email Template For rejection for leave



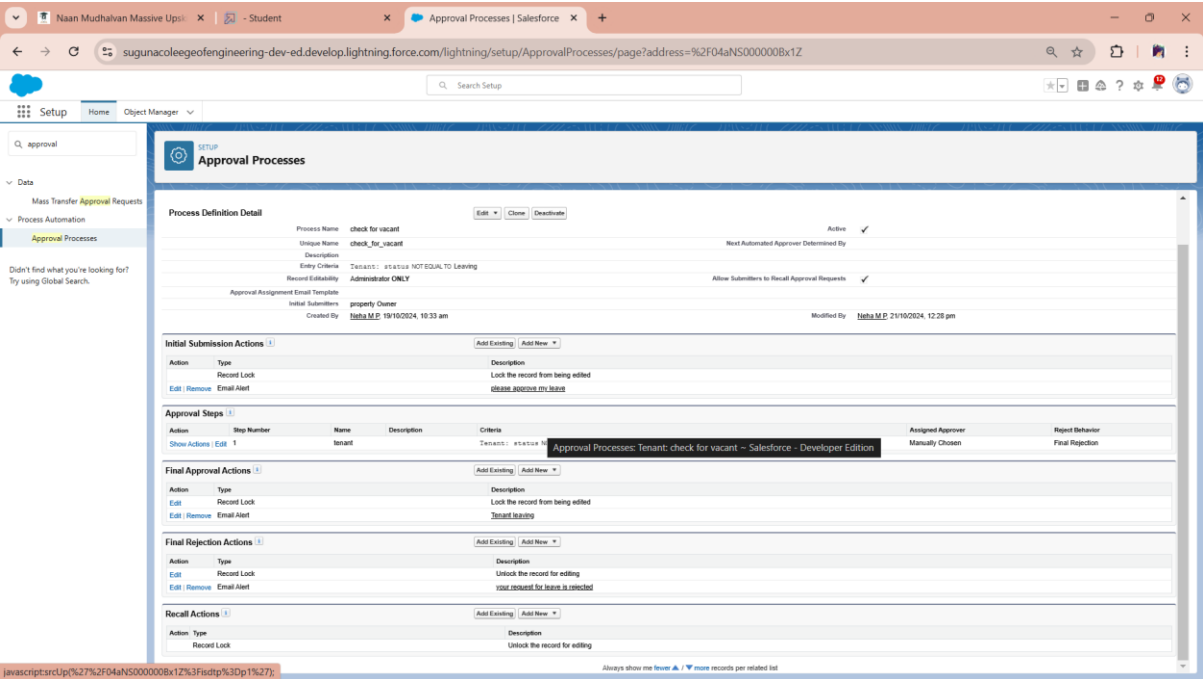
Create Email Template For Monthly payment



Create Email Template For successful payment

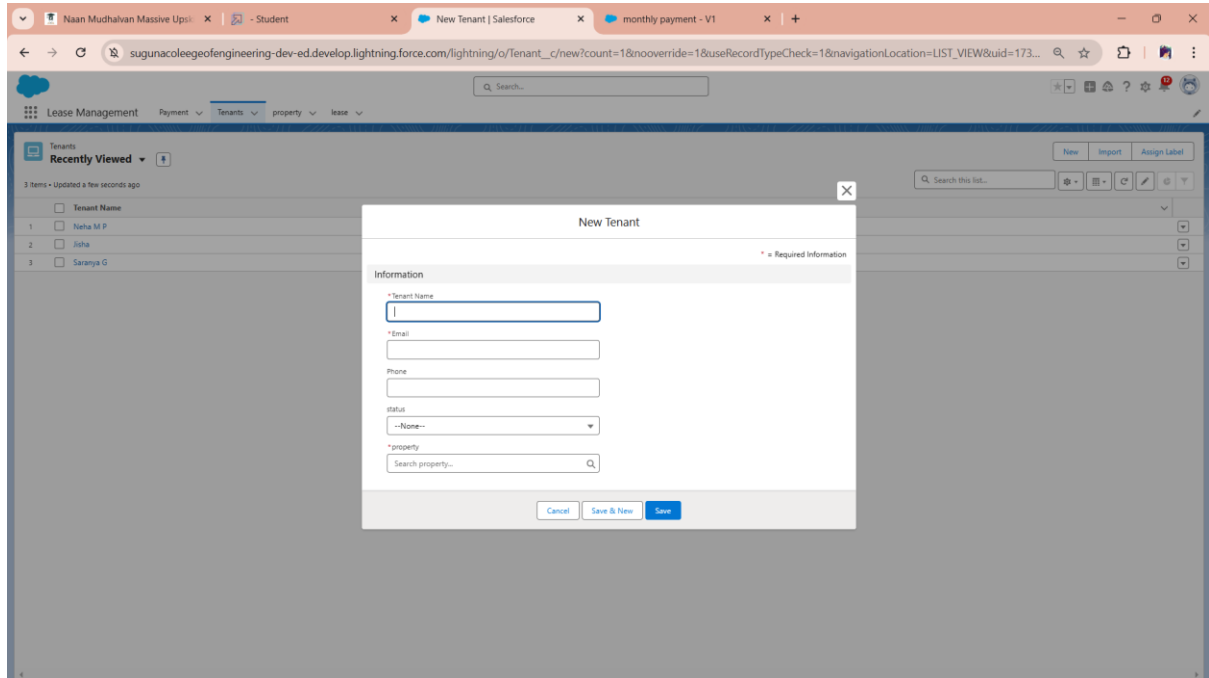


Approval Process



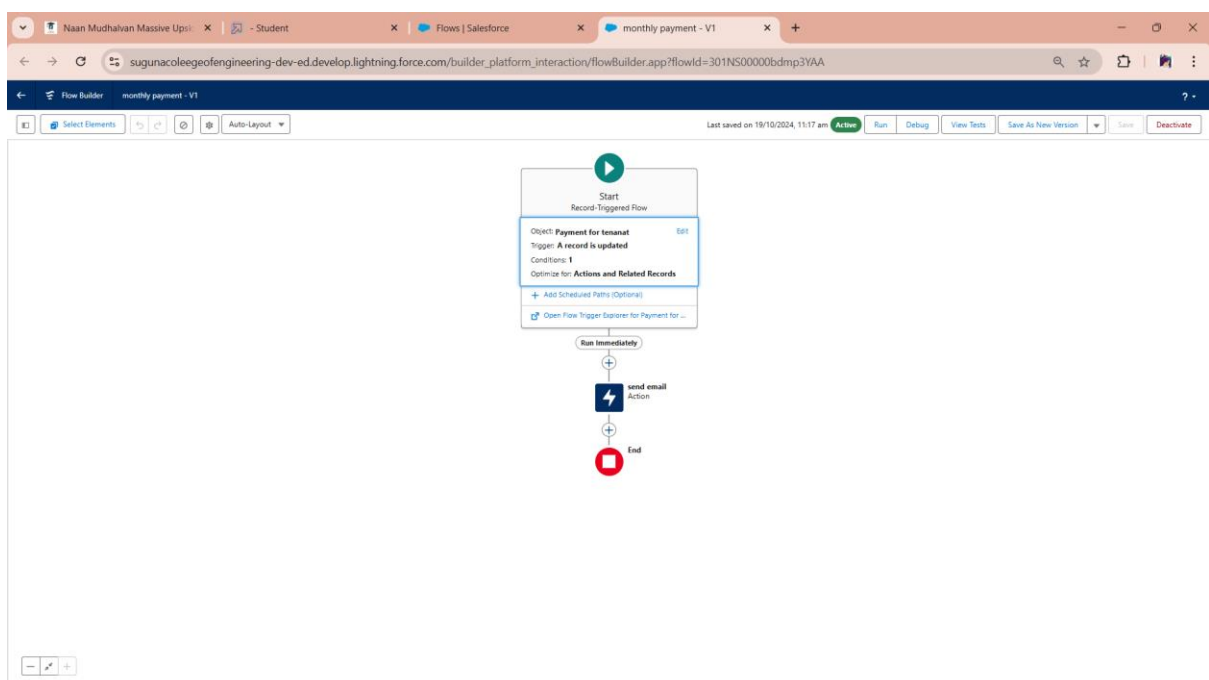
Apex Trigger

Testing the Trigger



FLOWS

Create Flow for monthly payment



Naan Mudhalvan Massive Upskill - Student | Flows | Salesforce | monthly payment - V1

sugunacoleeengineering-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301NS00000bdmp3YAA

Flow Builder | monthly payment - V1

Last saved on 19/10/2024, 11:17 am

Record-Triggered Flow Start

Run Immediately

Send email Action

End

Send Email

Label: send_email

* API Name: send_email

Description:

Send Email

emailSimple-emailSimple

Use values from earlier in the flow to set the inputs for the "Send Email" core action. To use its outputs later in the flow, store them in variables.

Set Input Values for the Selected Action

Add Threading Token to Body: Not Included

Add Threading Token to Subject: Not Included

BCC Recipient Address List: Not Included

Body: emailbody X

CC Recipient Address List: Not Included

Email Template ID: Not Included

Log Email on Send: Not Included

Schedule class :

Naan Mudhalvan Massive Upskill - Student | Recently Viewed | Tenants | Sales | Apex Classes | Salesforce | monthly payment - V1

sugunacoleeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ApexClasses/home

Setup | Home | Object Manager

Apex Classes

Apex Code is an object oriented programming language that allows developers to develop on-demand business applications on the Lightning Platform.

Percent of Apex Used: 8.83%

You are currently using 1,568 characters of Apex Code (including comments and @test annotated classes) in your organization, out of an allowed limit of 6,000,000 characters. Note that the amount in use includes both Apex Classes and Triggers defined in your organization.

Estimate your organization's code coverage

Commit all classes

View: All | Create New Class

Action	Name	Namespace Prefix	Apex Version	Status	Size Without Comments	Last Modified By	Last Modified	Has Trace Flags
Edit Del Security	Mail@EmailScheduler		62.0	Active	1,125	Naiba M.P.	19/10/2024, 11:22 am	
Edit Del Security	TestHandler		62.0	Active	297	Naiba M.P.	19/10/2024, 11:43 am	

Dynamic Apex Classes

Dynamic Apex extends your programming reach by interacting with Lightning Platform components.

View: All | Create New Class

Class Name	Namespace Prefix	Apex Version	Created By	Last Modified By
No records to display				

https://sugunacoleeengineering-dev-ed.develop.lightning.force.com/lightning/setup/ApexClasses/home