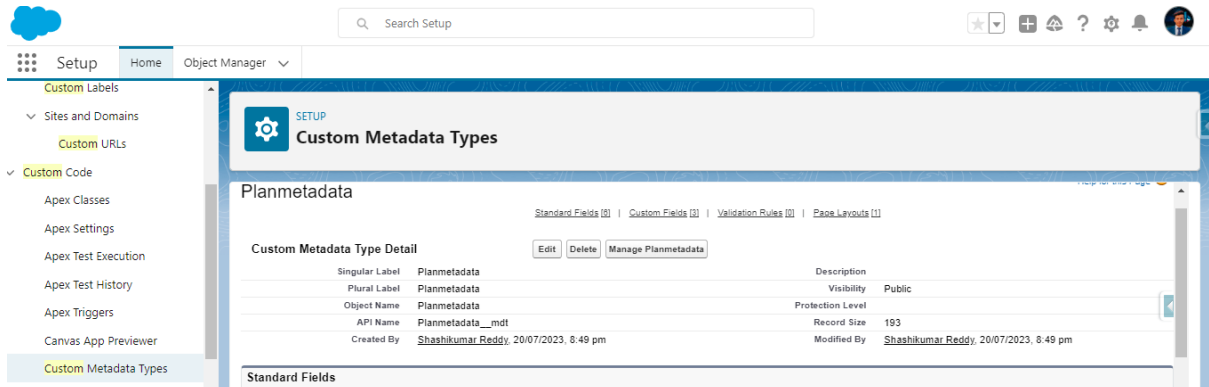


**Date:20-07-2023**

**Name: Shashikumar Reddy**

## Step1:

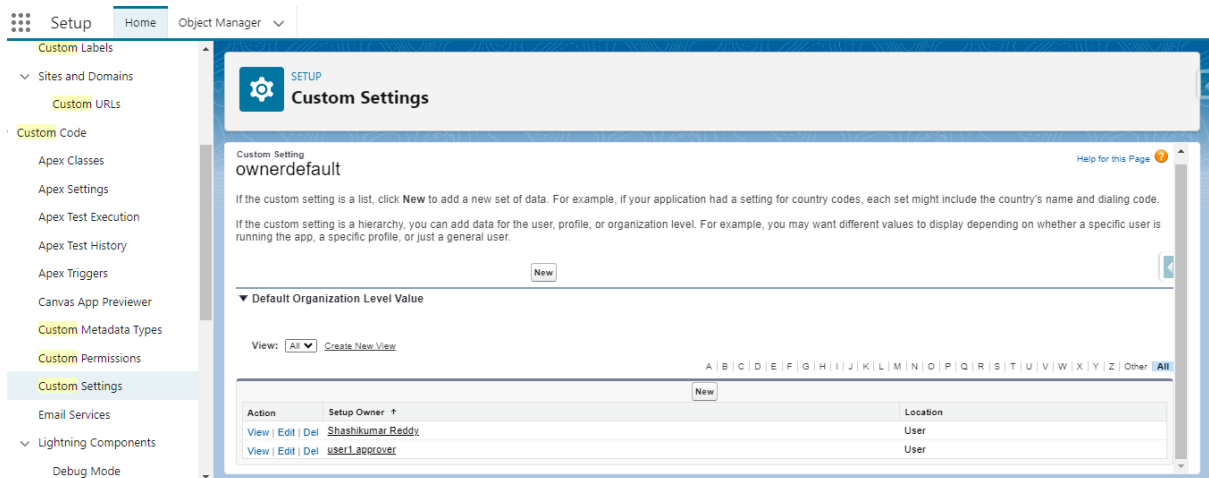
### Create a custom meta data type.



The screenshot shows the Salesforce Setup interface. The left sidebar contains the navigation menu with 'Custom Metadata Types' highlighted. The main content area is titled 'Custom Metadata Types' and shows details for a custom metadata type named 'Planmetadata'. The details include a table with fields like Singular Label, Plural Label, Object Name, API Name, Created By, and Modified By. The 'Created By' and 'Modified By' fields show the user 'Shashikumar Reddy' and the timestamp '20/07/2023, 8:49 pm'.

Custom Metadata Type Detail	
Singular Label	Planmetadata
Plural Label	Planmetadata
Object Name	Planmetadata
API Name	Planmetadata__mdt
Created By	Shashikumar Reddy, 20/07/2023, 8:49 pm
Modified By	Shashikumar Reddy, 20/07/2023, 8:49 pm

## Step2:Create a hierarchy .



The screenshot shows the Salesforce Setup interface for Custom Settings. The left sidebar contains the navigation menu with 'Custom Settings' highlighted. The main content area is titled 'Custom Settings' and shows details for a custom setting named 'ownerdefault'. The details include a table with fields like Action, Setup Owner, and Location. The 'Setup Owner' field shows the user 'Shashikumar Reddy' and the 'Location' field shows 'User'.

Custom Setting	
Action	Setup Owner
View   Edit   Del	Shashikumar Reddy
View   Edit   Del	user1 approver

### Step3:

The screenshot displays the Salesforce IDE interface with the Apex code for Plantrigger.apxt. The code is a trigger that runs before an insert operation on the Plan\_\_c object. It initializes a map of plan types, retrieves the current user's profile ID, and sets a default plan owner. It then iterates over the new plan records, setting the plan type based on user selection and logging a debug message.

```
1 trigger Plantrigger on Plan__c (before insert) {
2     Map<String, Planmetadata__mdt> planTypesMap = new Map<String, Planmetadata__mdt>();
3     for (Planmetadata__mdt planType:[SELECT MasterLabel__c, API_Name__c,Description__c FROM F
4     {
5         planTypesMap.put(planType.API_Name__c, planType);
6     }
7
8     // Get the current user's profile name
9
10    String profileId = UserInfo.getProfileId();
11
12    // Retrieve default Plan Owner from Custom Setting
13
14
15    for (Plan__c newPlan : Trigger.new) {
16        // Set Plan Type based on user selection (assuming Plan Type field is a picklist)
17        if (newPlan.plantype__c != null) {
18            Planmetadata__mdt predefinedPlanType = planTypesMap.get(newPlan.plantype__c);
19            if (predefinedPlanType != null) {
20                system.debug('hey there');
21            }
22        }
23    }
```