

PROJECT TITLE: TRIPADVISOR E-MANAGEMENT

TEAM MEMEBERS :

1. SARANYA G
2. DEEPA C
3. KEERTHANA T
4. RAMYA P

Create Object:

The screenshot shows the Salesforce Object Manager interface for the 'Flight' 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, Record Types, and Related Lookup Filters. The main content area is titled 'Flight' and shows a table of fields and relationships. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The table lists 6 items, sorted by Field Label.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
DepartureDateTime	DepartureDateTime_c	Lookup(Hotel)		✓
Flight Name	Name	Auto Number		✓
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Date/Time		
Owner	OwnerId	Lookup(User,Group)		✓

The screenshot shows the Salesforce Object Manager interface for the 'Customer' 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, Record Types, and Related Lookup Filters. The main content area is titled 'Customer' and shows a table of fields and relationships. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The table lists 8 items, sorted by Field Label.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Customer Name	Customer_Name__c	Text(50)		
Customer Name	Name	Text(80)		✓
Discount Amount	Discount_Amount__c	Currency(18, 0)		
Discount Percent	Discount_Percent__c	Percent(18, 0)		
Email__c	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		

Food Option :

Service Setup

Home

Object Manager

Search Setup

Star

Plus

Cloud

Help

Settings

Notifications

Profile

SETUP > OBJECT MANAGER

Food Option

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Fields & Relationships

7 Items, Sorted by Field Label

Q Quick Find

New

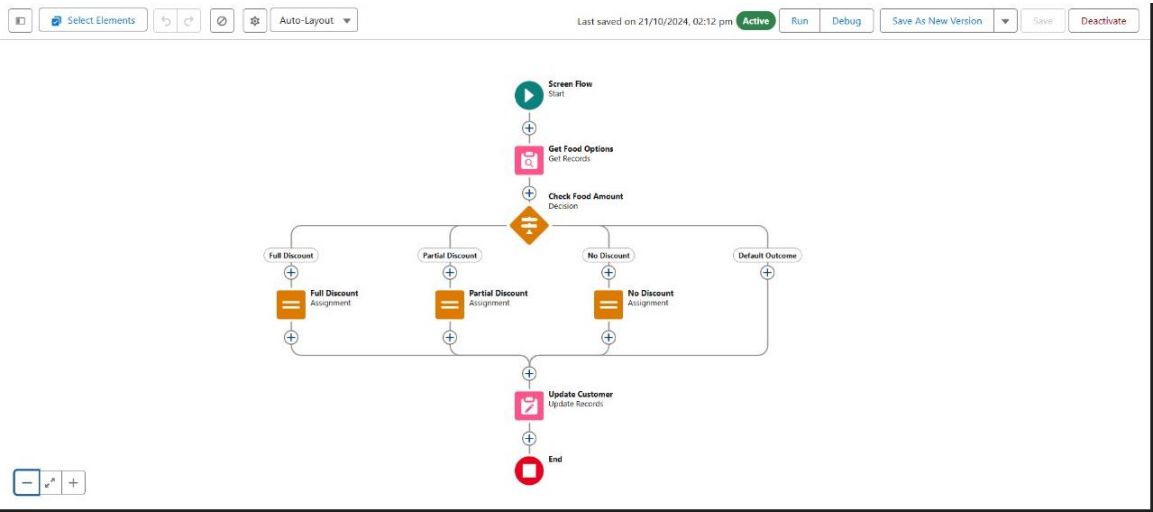
Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Food Amount	Food_Amount__c	Currency(18, 0)		
Food Option Name	Name	Auto Number		✓
Hotel	Hotel__c	Lookup(Hotel)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Text(50)		
Owner	OwnerId	Lookup(User,Group)		✓

Create Flow :



Apex Triggers :

```
File Edit Debug Test Workspace Help < >
FoodOptionTrigger.apxt FoodOptionTriggerHandler.apxc
Code Coverage: None API Version: 62 Go To

1 trigger FoodOptionTrigger on Food_Option__c (after insert, after update, after delete, after undelete) {
2
3     if (Trigger.isAfter) {
4         if (Trigger.isInsert || Trigger.isUpdate || Trigger.isUndelete) {
5             FoodOptionTriggerHandler.updateHotelInformation(Trigger.new);
6         }
7         if (Trigger.isDelete) {
8             FoodOptionTriggerHandler.updateHotelInformation(Trigger.old);
9         }
10    }
11 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name	Line	Problem
------	------	---------

```
File Edit Debug Test Workspace Help < >
FoodOptionTrigger.apxt FoodOptionTriggerHandler.apxc
Code Coverage: None API Version: 62 Go To

1 public class FoodOptionTriggerHandler {
2
3     // Method to update hotel information based on food options
4     public static void updateHotelInformation(List<Food_Option__c> foodOptions) {
5
6         Set<Id> hotelIdsToUpdate = new Set<Id>();
7
8         // Collect unique Hotel Ids affected by food options changes
9         for (Food_Option__c foodOption : foodOptions) {
10             hotelIdsToUpdate.add(foodOption.Hotel__c);
11         }
12
13         // Aggregate the total food options count for each hotel in one query
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name	Line	Problem
------	------	---------

```
File Edit Debug Test Workspace Help < >
FoodOptionTriggerHandler.apxc
Code Coverage: None API Version: 62 Go To

14 Map<Id, Integer> hotelFoodOptionCountMap = new Map<Id, Integer>();
15
16 for (AggregateResult ar : [
17     SELECT Hotel__c, COUNT(Id) totalFoodOptions
18     FROM Food_Option__c
19     WHERE Hotel__c IN :hotelIdsToUpdate
20     GROUP BY Hotel__c
21 ]) {
22     hotelFoodOptionCountMap.put((Id) ar.get('Hotel__c'), (Integer) ar.get('totalFoodOptions'));
23 }
24
25 // Fetch hotels and update TotalFoodOptions__c based on the aggregated count
26 List<Hotel__c> hotelsToUpdate = [
27     SELECT Id, TotalFoodOptions__c
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name	Line	Problem
------	------	---------

```
28      FROM Hotel__c
29      WHERE Id IN :hotelIdsToUpdate
30  ];
31
32  for (Hotel__c hotel : hotelsToUpdate) {
33      Integer totalFoodOptions = hotelFoodOptionCountMap.get(hotel.Id);
34      hotel.TotalFoodOptions__c = totalFoodOptions != null ? totalFoodOptions : 0;
35  }
36
37  // Update hotels with new total food options count
38  update hotelsToUpdate;
39  }
40  }
```

Name	Line	Problem
------	------	---------

Apex Schedule :

```
1  global class FlightReminderScheduledJob implements Schedulable {
2
3      // The execute method is required for classes implementing Schedulable
4      global void execute(SchedulableContext sc) {
5          // Place your logic here, such as sending reminders
6          System.debug('Executing Flight Reminder Job');
7          // Add the logic for sending flight reminders here
8      }
9  }
```

Name	Line	Problem
------	------	---------