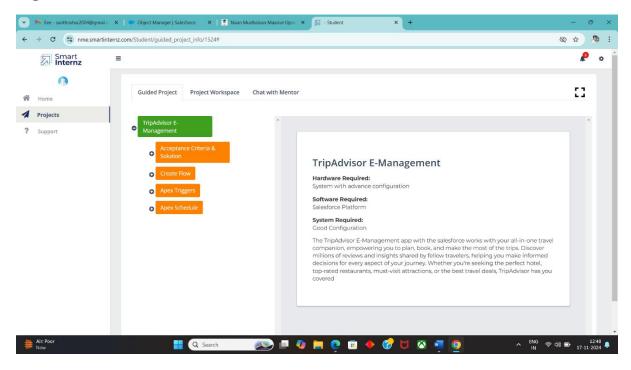
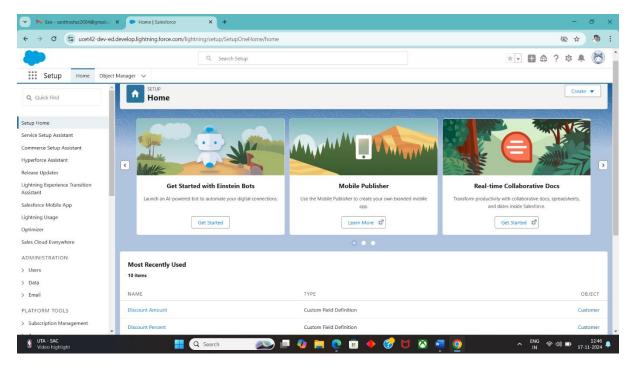
### TRIPADVISOR E-MANAGEMENT

#### **Screenshots**

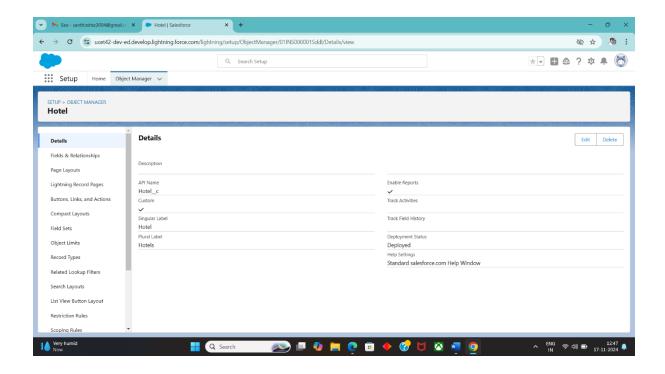
#### **Figure**

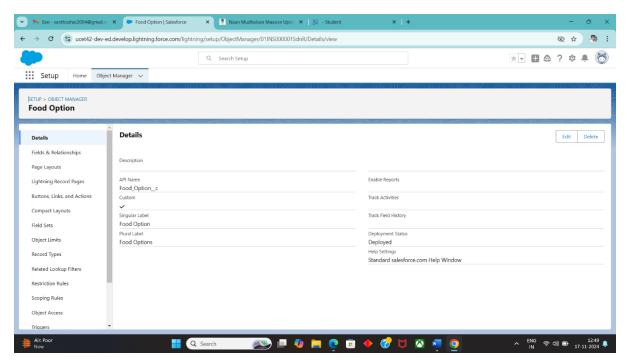


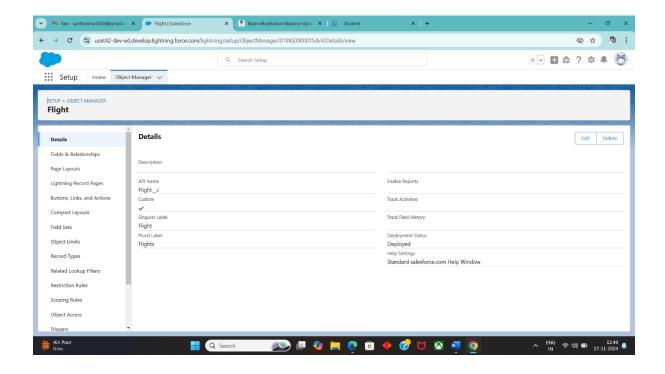


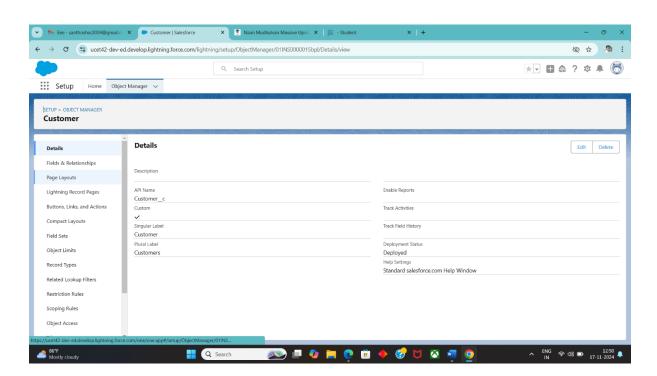
#### > Create Object

# **Figure**



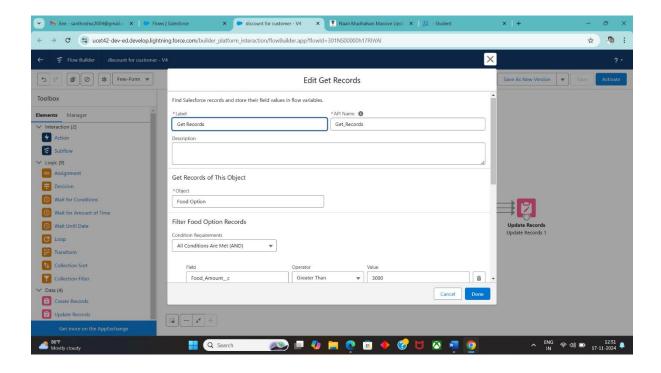


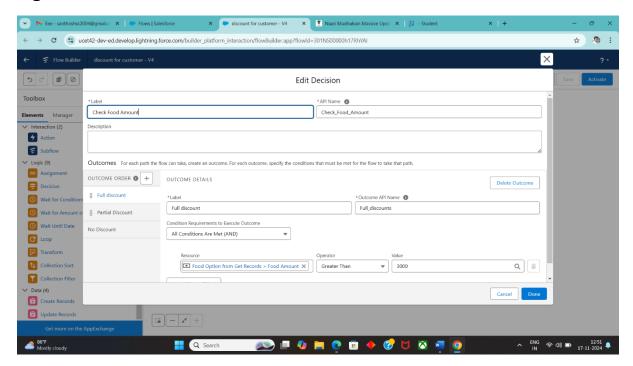


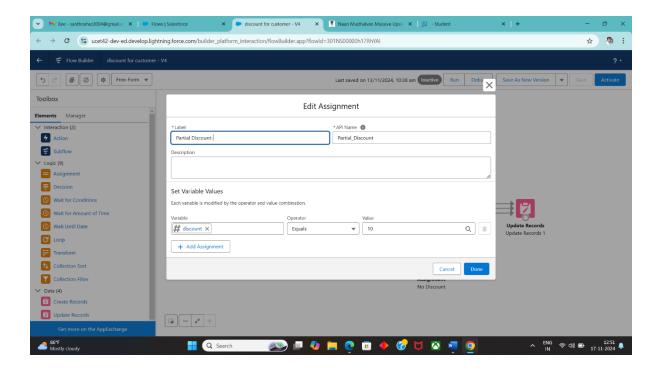


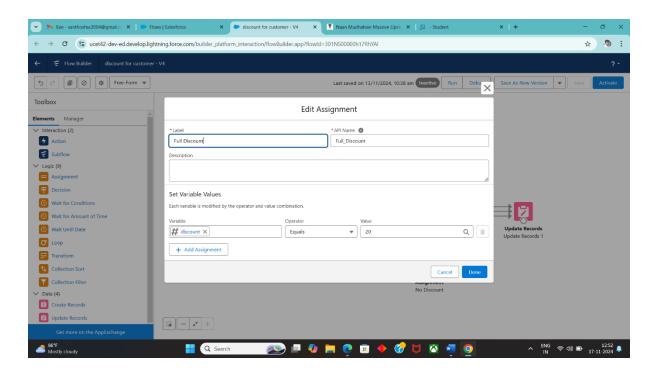
#### Create Flow

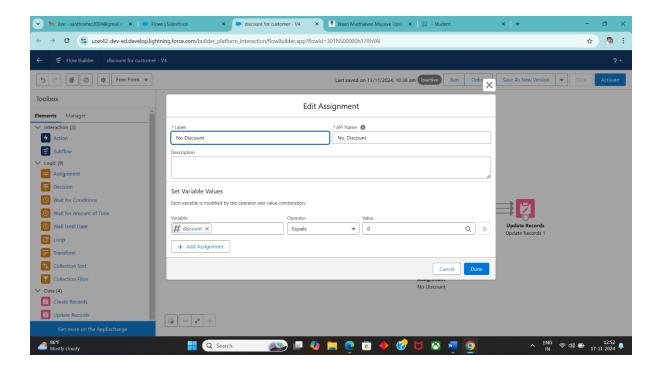
### **Figure**

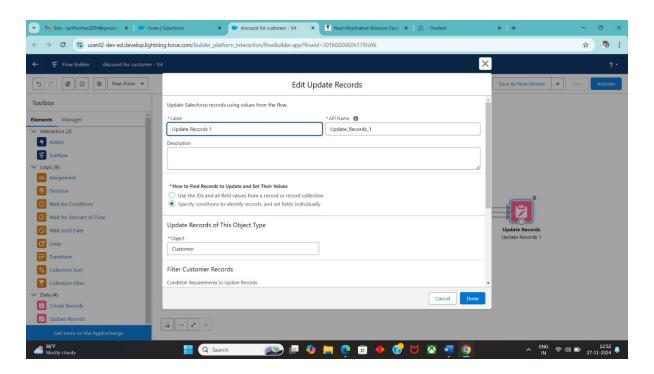


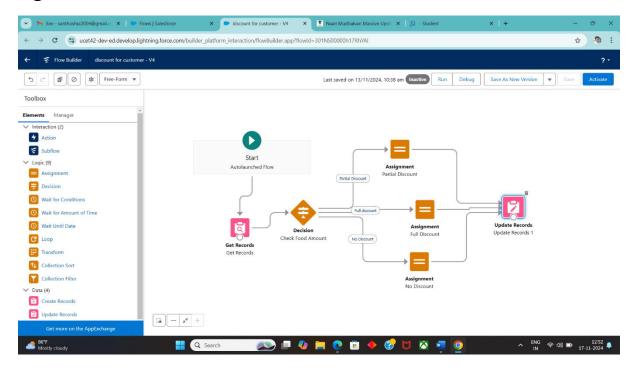












### > Apex Triggers

```
@ #
Code Coverage: None - API Version: 62 -
 1 • public class FoodOptionTriggerHandler {
       // Method to update hotel information based on food options
       public static void updateHotelInformation(List<Food_Option_c> newFoodOptions, List<Food_Option_c> oldFoodOptions, String operation) {
           Set<Id> hotelIdsToUpdate = new Set<Id>();
8
9
10
          // Collect unique Hotel Ids affected by food options changes
11
12 •
           for (Food_Option__c foodOption : newFoodOptions) {
13
14
15
16
17
              hotelIdsToUpdate.add(foodOption.Hotel c);
          }
18
Logs Tests Checkpoints Query Editor View State Progress Problems
                       Line Problem
```

```
X | Sometimes of discount for customer - V4 X Sometimes Developer Console X 1 Naan Mudhali
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FoodOptionTriggerHandler.apxc • 
FoodOptionTriggerHandler.apxc • FoodOptionTriggerHandler.apxd • FlightReminderScheduledJob.apxc
  Code Coverage: None • API Version: 62 •
  17
  19
20
               // Update hotel information based on food options
  21
22
               List<Hotel_c> hotelsToUpdate = [SELECT Id, Name, TotalFoodOptions_c FROM Hotel_c WHERE Id IN :hotelIdsToUpdate];
  23
24 v
               for (Hotel c hotel: hotelsToUpdate) {
  25
26
27
28
                     // Recalculate total food options count
                     Integer totalFoodOptions = [SELECT COUNT() FROM Food_Option__c WHERE Hotel__c = :hotel.Id];
  29
30
                     hotel.TotalFoodOptions__c = totalFoodOptions;
  31
32
                }
  33
Logs Tests Checkpoints Query Editor View State Progress Problems
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```

```
© ☆ .
FoodOptionTriggerHandler.apxc * * FoodOptionTrig
                                    Handler.apxt 8 FlightReminderScheduledJob.apxc 8
 Code Coverage: None + API Version: 62 -
  1 * trigger FoodOptionTriggerHandler on Food_Option_c (after insert, after update, after delete) {
         if (Trigger.isInsert && Trigger.isAfter) {
    // Call the handler for after insert, p
                                                        passing Trigger.new, an empty list for old records, and the operation type 'INSERT'
              FoodOptionTriggerHandler.updateHotelInformation(Trigger.new, new List<Food_Option_c>(), 'INSERT');
 7
8 •
         if (Trigger.isUpdate && Trigger.isAfter) {
    // Call the handler for after update, passing Trigger.new, Trigger.old, and the operation type 'UPDATE'
FoodOptionTriggerHandler.updateHotelInformation(Trigger.new, Trigger.old, 'UPDATE');
 10
 11
 12
 13 🕶
          if (Trigger.isDelete && Trigger.isAfter) {
                / Call the handler for after delete, passing an empty list for new records, Trigger.old, and the operation type 'DELETE'
 14
 15
              FoodOptionTriggerHandler.updateHotelInformation(new List<Food_Option__c>(), Trigger.old, 'DELETE');
 16
17 }
          }
Logs Tests Checkpoints Query Editor View State Progress Problems
```

#### > Apex Schedule

```
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                                                                                     × 🙍 Naan Mudha
                                                                                                                                           ◎☆ . ●:
FoodOptionTriggerHandler.apxc * \times \times \\ FoodOptionTriggerHandler.apxt \times \\ \hline FlightReminderScheduledJob.apxc \times \\ \hline X \\ \hline
Code Coverage: None + API Version: 62 +
  1 - public class FlightReminderScheduledJob implements Schedulable {
        public void execute(SchedulableContext sc) {
             sendFlightReminders();
 11 •
12
        private void sendFlightReminders() {
 13
14
            // Query for flights departing within the next 24 hours
 15 •
16
17
            List<Flight_c> upcomingFlights = [SELECT Id, Name, Departure_DateTime_c FROM Flight_c
                                               WHERE Departure_DateTime__c >= :DateTime.now()
 18
                                                Logs Tests Checkpoints Query Editor View State Progress Prot
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← → C ucet42-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
                                                                                                                                           ◎☆ :
 Code Coverage: None • API Version: 62 •
            for (Flight_c flight : upcomingFlights) {
                // Customize the logic to send reminder emails
 25
26
27
28
29
30
31
32
33
34
35
36
                // For this example, we'll print a log message; replace this with your email sending logic.
               System.debug('Sending reminder email for Flight ' + flight.Name + ' to ' + flight.Contact_Email_c);
                // Example: Send email using Messaging.SingleEmailMessage
                 {\tt Messaging.SingleEmailMessage} \ \ {\tt email} \ = \ {\tt new} \ \ {\tt Messaging.SingleEmailMessage();}
                 email.setToAddresses(new List<String>{ flight.Contact_Email__c });
                 email.setSubject('Flight Reminder: ' + flight.Name);
                 email.setPlainTextBodv('This is a reminder for vour upcoming flight ' + flight.Name +
                 Line Problem
                                                            🗪 💷 🐠 📜 🥲 🗉 🔶 🧭 💆 🚳 🧖 🌀
```

```
图 ☆
                               Handler.anxt × FlightReminderScheduled lob.anxc ×
Code Coverage: None • API Version: 62 • 
51 // Example: Send email using messaging.Singletmalimessage
               Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
 34
35
                email.setToAddresses(new List<String>{ flight.Contact_Email__c });
                email.setSubject('Flight Reminder: ' + flight.Name);
 38
39
                email.setPlainTextBody('This is a reminder for your upcoming flight ' + flight.Name +
                                     ' departing on ' + flight.Departure_DateTime__c);
 41
               Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{ email });
 43
 45
           }
 47
       }
49 }
Logs Tests Checkpoints Query Editor View State Progress Problems
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                                        X | • discount for customer - V4 X • Developer Console X 1 Naan Mudhalvan Ma
← → ♂ ucet42-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
                                                                                                                                  © ☆ 🧶 :
Code Coverage: None + API Version: 62 •
 1 • public class FlightReminderScheduledJob implements Schedulable { Enter Apex Code
                                                                      1 String cronExp = '0 0 6 * * ?';
       public void execute(SchedulableContext sc) {
                                                                      4 System.schedule('FlightReminderJob', cronExp, new FlightReminderSchedul
            sendFlightReminders();
 11 •
       private void sendFlightReminders() {
 13
           // Query for flights departing within the next 24 hours
14
15 •
           List<Flight_c> upcomingFlights = [SELECT Id, Name, Departs
 17
                                            WHERE Departure_DateTime__c >= :DateTime.now()
                                             AND Described Deterior of Contestine would address (1)1.
Logs Tests Checkpoints Query Editor View State Progress Problems
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