

**Team ID : LTVIP2024TMID11578**

**Team Size : 5**

**Team Leader : S ASIFA**

**Team member : KOKILA M**

**Team member : N HEMALATHA**

**Team member : T B BHAVANI**

**Team member : NAGARAJU NANDHINI**

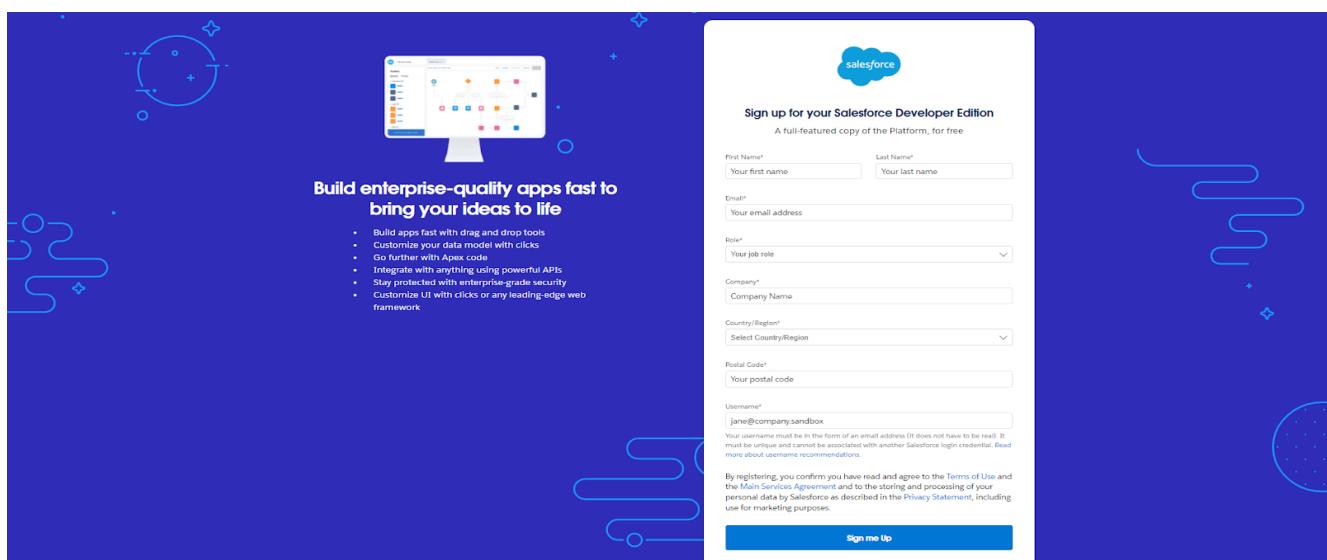
## Pizza Delivery App

### **Creation Of Developer Account**

#### **Activity-1**

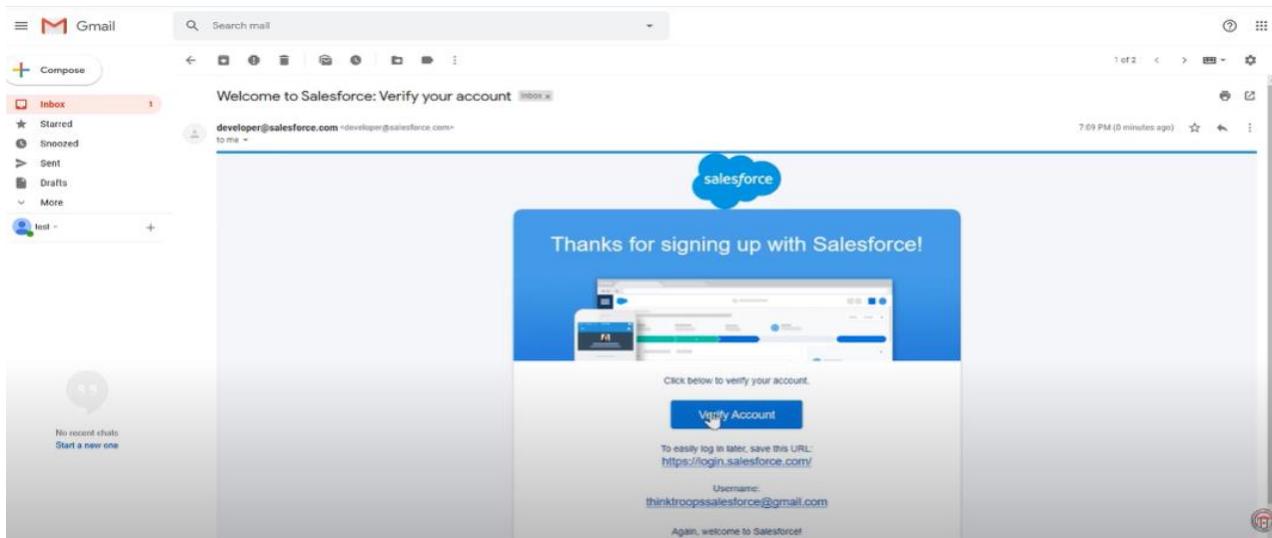
A Developer org has all the features and licenses you need to get started with Salesforce.

1. Search [Developer.salesforce.com](https://developer.salesforce.com)

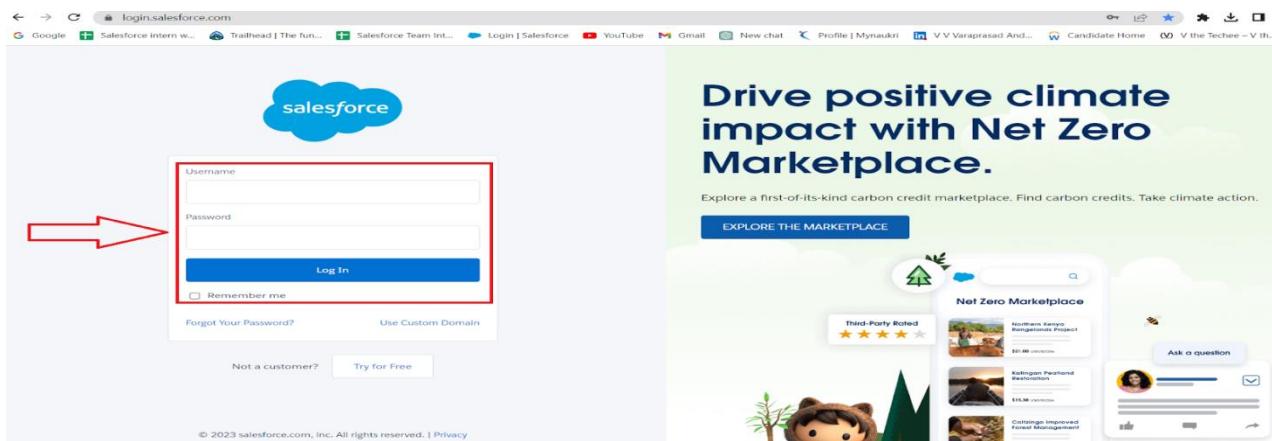


2. Enter the following details like First name, last name, Email, Role, Company, Country/Region, Postal code, and Username must be unique.

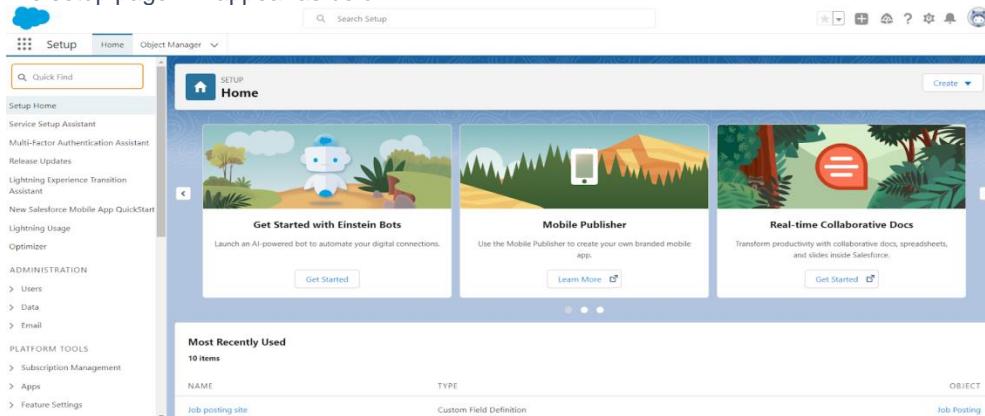
3. Click sign me up, After a few min you will reserve a mail salesforce org and by using the verify account link you can create your new password.



4. Click save.
5. Search login.salesforce.com
6. By using username and password you can into the salesforce org.



The setup page will appear as below.



Create a developer org and login with your login credentials.

## Object

### Create A Custom Object For Customer Detail

To create a custom object, follow these steps :

1. Click on the Gear Icon ? From setup click on object manager
2. Click create, select custom object.

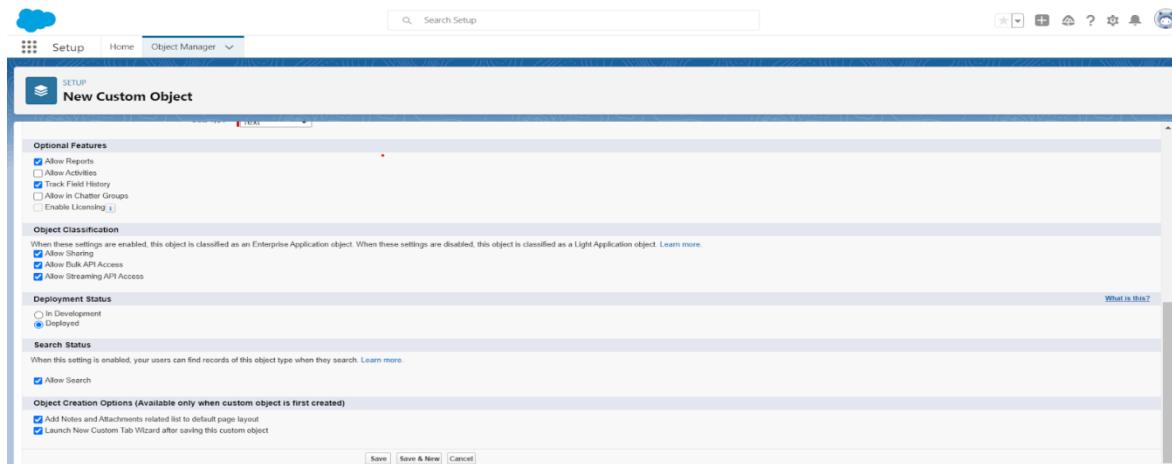
The screenshot shows the Salesforce Object Manager interface. At the top, there's a search bar and a toolbar with various icons. Below that is a header with 'Object Manager' and a 'Create' button. A red arrow points to the 'Create' button. The main area is a table listing standard objects like Account, Activity, and Alternative Payment Method. The table has columns for Label, API Name, Type, Description, and Last Modified. A note at the bottom right says 'Custom Object from Spreadsheet'.

3. Fill in the label as "Customer Detail".
4. Fill in the plural label as "Customer Details".
5. Record name : "Customer Name"
6. Select the data type as "Text".
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select select these options:

The screenshot shows the 'Edit Custom Object' page for 'Customer Detail'. On the left is a sidebar with options like Details, Fields & Relationships, Page Layouts, etc. The main area has tabs for 'Customer Detail' and 'Customer Details'. It shows fields for 'Label' (Customer Detail), 'Plural Label' (Customer Details), 'Object Name' (Customer\_Detail), and 'Description'. There are also sections for 'Custom Object Information' and 'Custom Object Definition Edit'. At the bottom, there are help settings and a note about API reference.

Add Notes and Attachments related list to default page layout

Launch New Custom Tab Wizard after saving this custom object  
11. Leave everything else as is, and click Save.



## Create A Custom Object For EveryDay Value

To create a custom object, follow these steps :

1. Click on the Gear Icon ? From setup click on object manager
  2. Click create, select custom object.
  3. Fill in the label as "EveryDay Value".
  4. Fill in the plural label as "EveryDay Values".
  5. Record name : "EveryDay Value" 6. Select the data type as "Text".
  7. In the Optional Features section, select Allow Reports and Track Field History.
  8. In the Deployment Status section, ensure Deployed is selected.
  9. In the Search Status section, select Allow Search.
  10. In the Object Creation Options section, select Add Notes and Attachments related list to default page layout
- Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save.

## Create A Custom Object For Best Seller

1. Click on the Gear Icon ? From setup click on object manager
  2. Click create, select custom object.
  3. Fill in the label as "Best Seller".
  4. Fill in the plural label as "Best Sellers".
  5. Record name : "Best Seller"
  6. Select the data type as "Text".
  7. In the Optional Features section, select Allow Reports and Track Field History.
  8. In the Deployment Status section, ensure Deployed is selected.
  9. In the Search Status section, select Allow Search.
  10. In the Object Creation Options section, select Add Notes and Attachments related list to default page layout
- Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save

## Create A Custom Object For New Launches

1. Click on the Gear Icon ? From setup click on object manager
2. Click create, select custom object.

3. Fill in the label as "New Launch".
4. Fill in the plural label as "New Launches".
5. Record name : "New Launch"
6. Select the data type as "Text".
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select select these options:  
Add Notes and Attachments related list to default page layout  
Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save

## **Create A Custom Object For Pizza(Record Type)**

1. Click on the Gear Icon ? From setup click on object manager
2. Click create, select custom object.
3. Fill in the label as "PIZZA".
4. Fill in the plural label as "PIZZAS".
5. Record name : "PIZZA"
6. Select the data type as "Text".
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select select these options:  
Add Notes and Attachments related list to default page layout  
Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save

## **Create A Custom Object For Beverages**

1. Click on the Gear Icon ? From setup click on object manager
2. Click create, select custom object.
3. Fill in the label as "Beverage".
4. Fill in the plural label as "Beverages".
5. Record name : "Beverage"
6. Select the data type as "Text".
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select select these options:  
Add Notes and Attachments related list to default page layout  
Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save

## **Create A Custom Object For Mode Of Payment**

1. Click on the Gear Icon ? From setup click on object manager
2. Click create, select custom object.
3. Fill in the label as "Mode Of Payment".
4. Fill in the plural label as "Mode Of Payments".
5. Record name : "Mode Of Payment"
6. Select the data type as "Text".

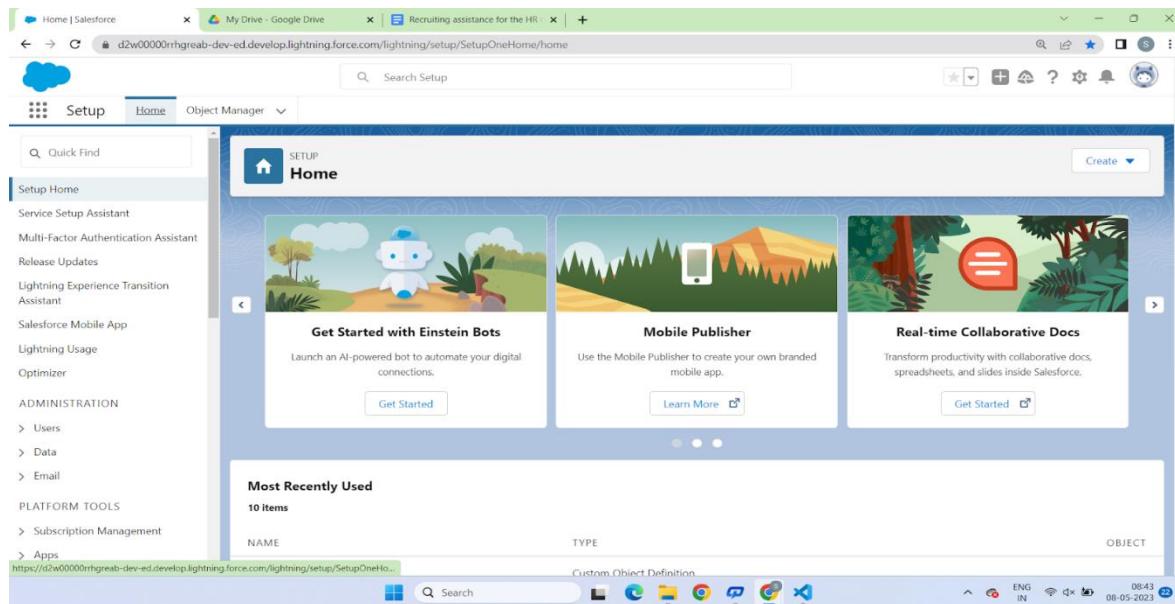
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select Add Notes and Attachments related list to default page layout
- Launch New Custom Tab Wizard after saving this custom object
11. Leave everything else as is, and click Save

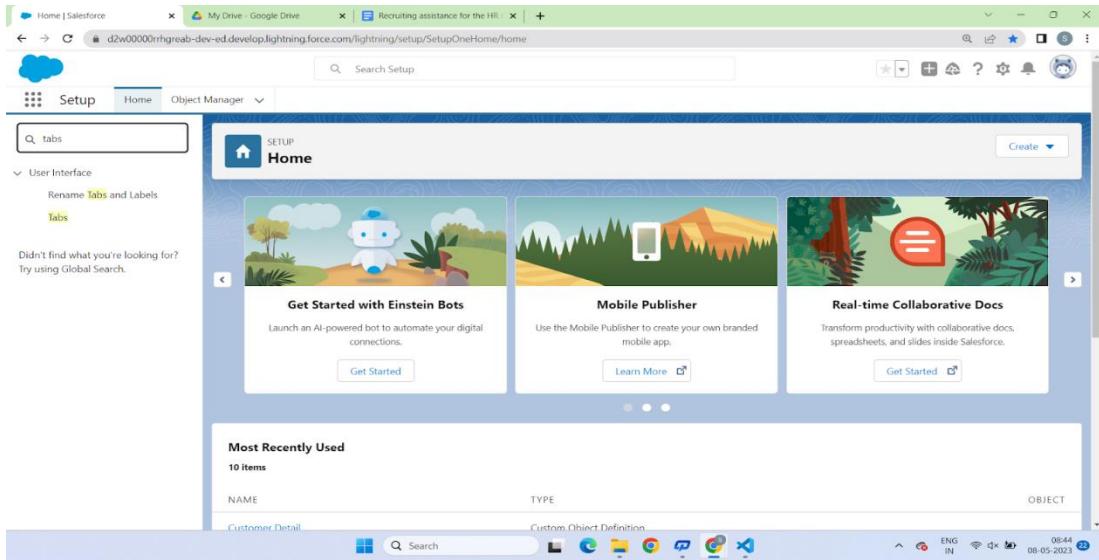
## Tabs

### How To Create A Tab

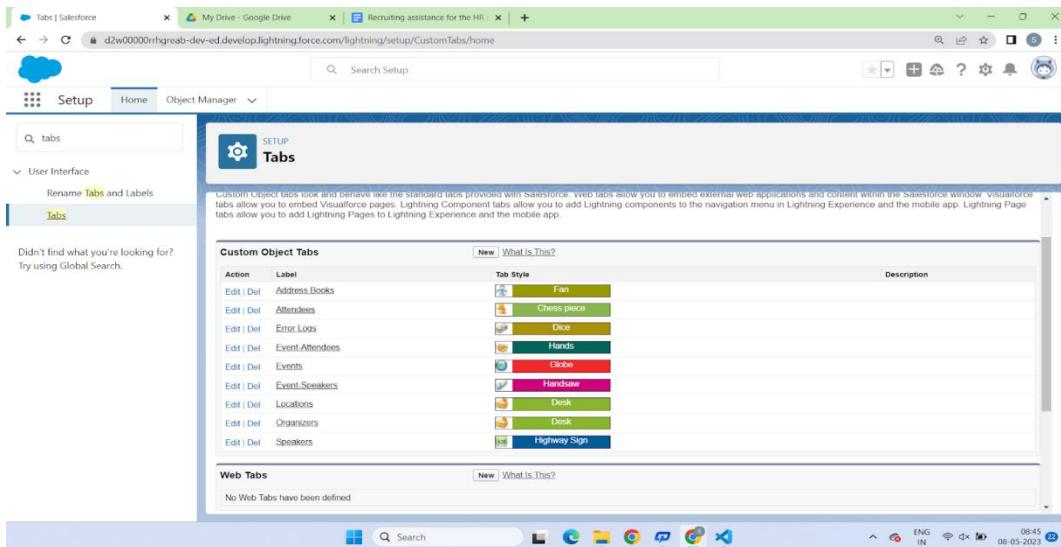
As we selected to launch a custom tab wizard in step 10, a custom tab wizard appears wherein We customize the look of the "Customer Detail". object's tab. To do that :

1. To Create the tab ? click on the gear Icon ? then click Home button ?In the quick find box search for the Tabs.

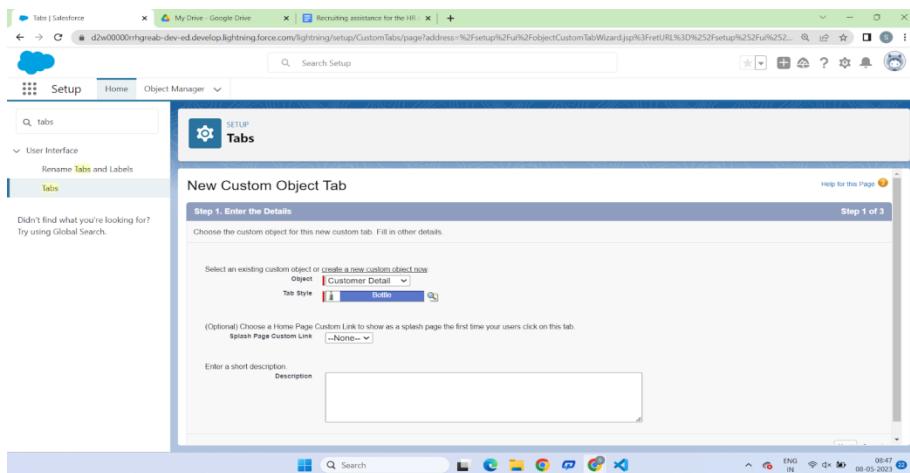




3. Then Click on the new button to create tab, in the Tab style you can select whatever you want to select



4. Than select the Customer Detail Object and select the Icon from the search button and click next next and save



For creating the Remaining tabs follow the above steps

1. For creating a tab for EveryDay Value Tab follow the above steps which is being create in step1 for customer details
2. For creating a tab for Best Seller Tab follow the above steps which is being create in step1 for customer details
3. For creating a tab for New Launches Tab follow the above steps which is being create in step1 for customer details
4. For creating a tab for Veg Pizzas/Non veg Pizzas Tab follow the above steps which is being create in step1 for customer details
5. For creating a tab for Beverages Tab follow the above steps which is being create in step1 for customer details
6. For creating a tab for Mode Of Payment Tab follow the above steps which is being create in step1 for customer details

## Create App

### **Create The Lightning App**

1.Go to the Gear Icon ? Click on setup ? click on the Home Button ? Go to the quick find box and select the App Manager

2.Fill the app name as an Pizza Delivery in app details and branding ?Next ? (App option page) keep it as default ?

The screenshot shows the Salesforce App Manager interface. At the top, there's a search bar with 'Search Setup' and a magnifying glass icon. Below it is a navigation bar with 'Setup', 'Home', and 'Object Manager'. A red box highlights the search bar. To the right of the search bar is a button labeled 'New Lightning App' with a red arrow pointing to it. Below the search bar, there are three dropdown menus: 'App manager' (highlighted with a red box), 'Apps', and 'App Manager'. A red arrow points from the 'App manager' dropdown to the 'Clone (Apps/Beta)' link below it. The main area displays a table of 35 items, sorted by App Name, with columns for App Name, Developer Name, Description, Last Modified, App Type, and V.L. The table lists various built-in and custom apps like All Tabs, Analytics Studio, App Launcher, etc.

Next 3. Utility Items keep it as default ? Next ? (Add Navigation Items)(add tabs Customer Details, Every Day Values, Beverages, Best Seller, New Launches, pizza and Mode of payment) ? Next ? (Add User Profile) Add System Administrator, Salesforce platform user, Standard User ? Next.

The screenshot shows the 'New Lightning App' configuration page. It has two main sections: 'App Details & Branding' and 'App Launcher Preview'. In the 'App Details & Branding' section, there are fields for 'App Name' (with a red box around it and an arrow pointing to it), 'Developer Name' (with a red box around it and an arrow pointing to it), and 'Description'. There's also an 'Image' upload field, a color picker for 'Primary Color Hex Value' (set to #007002), and an 'Org Theme Options' checkbox. At the bottom right of this section is a 'Next' button with a red arrow pointing to it. The 'App Launcher Preview' section shows a preview of the app icon and name.

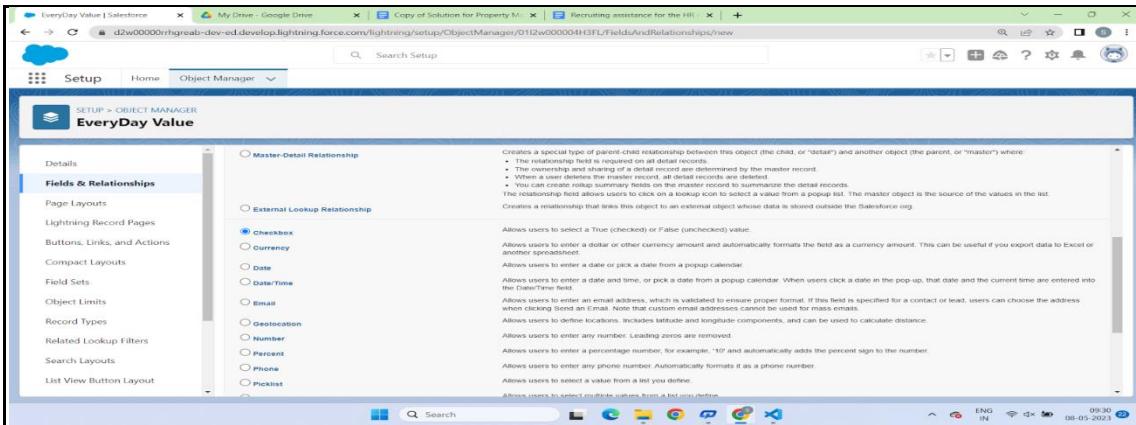
4. To Add Navigation Items: Select the items from the search bar and move it using the arrow button ? Next. select all the tabs which you have created

5. To Add User Profiles: Search profiles in search bar ? click on the arrow button & select Standard user, standard Platform user & System Admin Profile? save & finish.

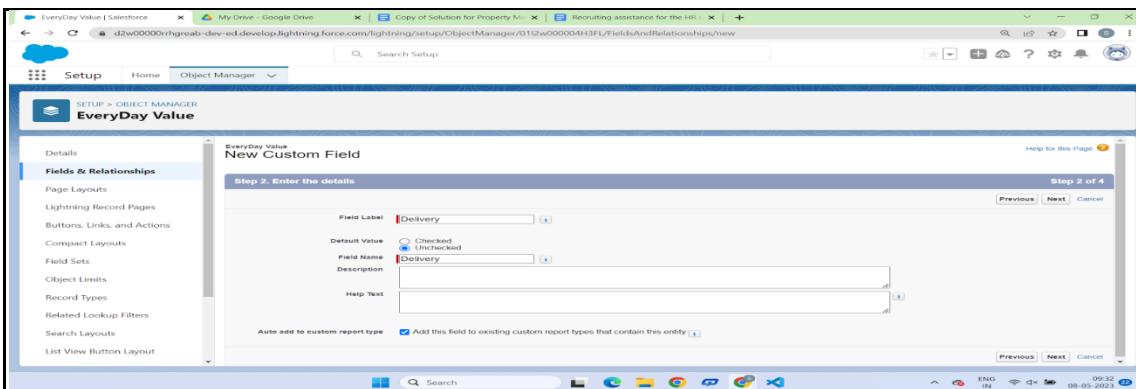
## Fields & Relationships

### Create The Field(EveryDay Value? Delivery Field)

1. Go to setup ? click on Object Manager ? type object name in search bar ? click on the object? EveryDay Value ? Field and Relationship? then click on new ?Field Data Type(Checkbox)



2. Click On Next? Field Label?Delivery? next?next?Save.



3. Follow the above steps and create the Remaining Fields.

- Pickup(Checkbox)
- Select City(Picklist)(New Delhi, Mumbai, Bangalore, Pune, Chennai, Hyderabad, Kolkata, Noida, Agra, AhmadNagar, Ahmedabad, Nasik )
- Select Store(Picklist)(Deolali Camp, Bytco Point, Satpur Nashik, Hitech City, Gachibowli, Indira nagar, Kelambakkam, Noida City )
- Delivery(Checkbox)
- Pickup(Checkbox)

## Create The Field(Best Seller Obj)

1. (Best Seller obj? Size field)
2. Crust(Picklist)(New Hand Tossed ?459, 100% Wheat thin crust? 524, Cheese Burst? 578, Fresh pan Pizza?514)

## Create The Field(New Launches)

1. New Beverages(Picklist)
2. Options

## Create The Field For (Pizza)

1. Types of Pizzas(PickList)(Paneer Makhani, Margaretha, Onion Pizza, Tomato pizza, Paneer Chicken, Chicken pizza)
2. Amount(PickList? 100, 200, 350, 400, 500, 550,750, 850)
3. Add On ? (Number Field Data type)

## Create The Field(Beverages)

1. Types of Cold Drinks(Picklist)(Mountain Dew Ice, Nagpur Orange, Pepsi 475ml, 7Up 475ml,Mirinda)

## Create The Field(Customer Detail)

1. Types of Roasted Chicken ( picklist )  
values :-

- 1. Chicken taco pizza**
- 2. Chicken fajita pizza**
- 3. Chicken pesto pizza**
- 4. Barbecue chicken pizza bread bowl**

2. Add To Cart ( checkbox )

## Create The Field(Mode Of Payment)

1. Mode Of Payment(Picklist)(Debit Card, Credit Card, UPI Payment)
2. Master detail Relationship with(Customer Details)

## Record Types

### Record Type For Pizza Object

1.Click On the Gear Icon? Then Click on the object Manager? Search for Pizza object? Record Types ? Click on new? Veg Pizza

**SETUP > OBJECT MANAGER**

### Veg Pizza/Non veg Pizza

New Record Type  
Veg Pizza/Non veg Pizza

**Step 1. Enter the details**

Enter a name and description for the new record type. The new record type will include all the picklist values from the existing record type selected below. After saving the new record type, you will be able to customize the picklist values.

**Record Type**

Existing Record Type: Master

Record Type Label: Veg

Record Type Name: Veg

Description:

Active:

Select Make Available to give users assigned to this profile the ability to create and clone records of this record type, or assign this record type to existing records. To make the new record type the default for a profile, select Make Default. Users assigned to this record type can still view and edit records associated with record types not available for their profiles.

Profile Name: Record Types Currently Available

Make Available:  Make Default:

Help for this Page

Step 1 of 2

**SETUP > OBJECT MANAGER**

### Pizza

Record Type Edit  
Pizza

**General Properties**

Field Label: Pizza  
Record Type: Veg Pizza

**Picklist Values**

Select an item from the Available Values list and add it to the Selected Values list to include it as a picklist value for this Record Type. Note that removing an item from the picklist does not remove it from any existing records. Finally, select a default picklist value for this Record Type.

Available Values	Selected Values
Chicken Pizza Danceer Chicken	Margarita Paneer Makhanai Tomato Pizza Onion Pizza

Add  Remove

Default: None

Help for this Page

**SETUP > OBJECT MANAGER**

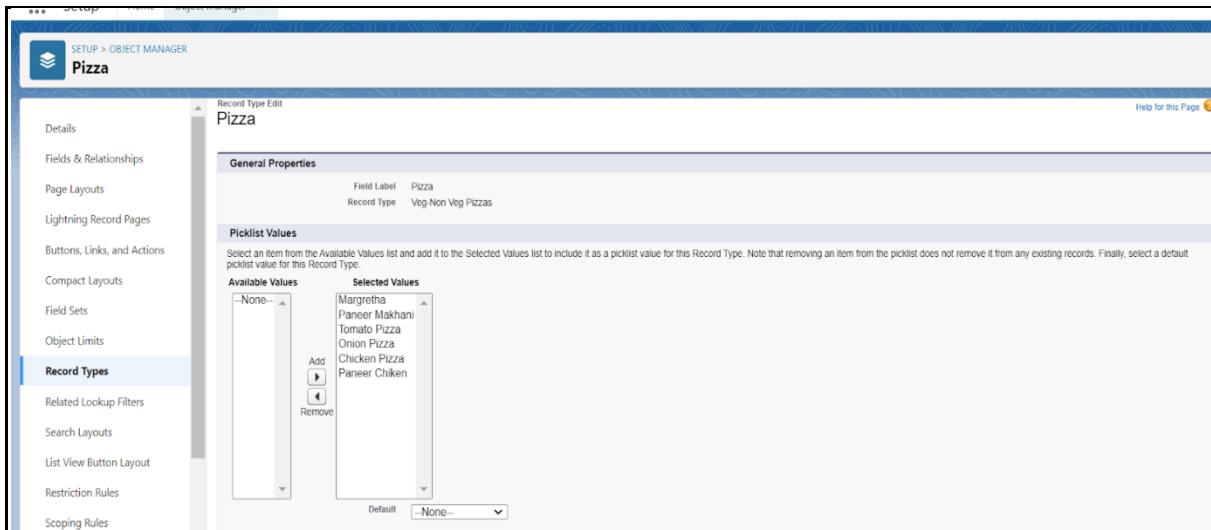
### Veg Pizza/Non veg Pizza

Minimum Access - Salesforce

User	Access Level	Actions
Partner App Subscription User	Veg Pizza (Default)	<input type="checkbox"/>
Partner Community Login User	Veg Pizza (Default)	<input type="checkbox"/>
Partner Community User	Veg Pizza (Default)	<input type="checkbox"/>
Read Only	Veg Pizza (Default)	<input type="checkbox"/>
Salesforce API Only System Integrations	Veg Pizza (Default)	<input type="checkbox"/>
Sales Manager	Veg Pizza (Default)	<input type="checkbox"/>
Silver Partner User	Veg Pizza (Default)	<input type="checkbox"/>
Solution Manager	Veg Pizza (Default)	<input type="checkbox"/>
Standard Platform User	Veg Pizza (Default) Non Veg_Veg Pizzas	<input checked="" type="checkbox"/>
Standard User	Veg Pizza (Default) Non Veg_Veg Pizzas	<input checked="" type="checkbox"/>
System Administrator	Veg Pizza (Default) Non Veg_Veg Pizzas	<input checked="" type="checkbox"/>
Work.com Only User	Veg Pizza (Default)	<input type="checkbox"/>

Next  Cancel

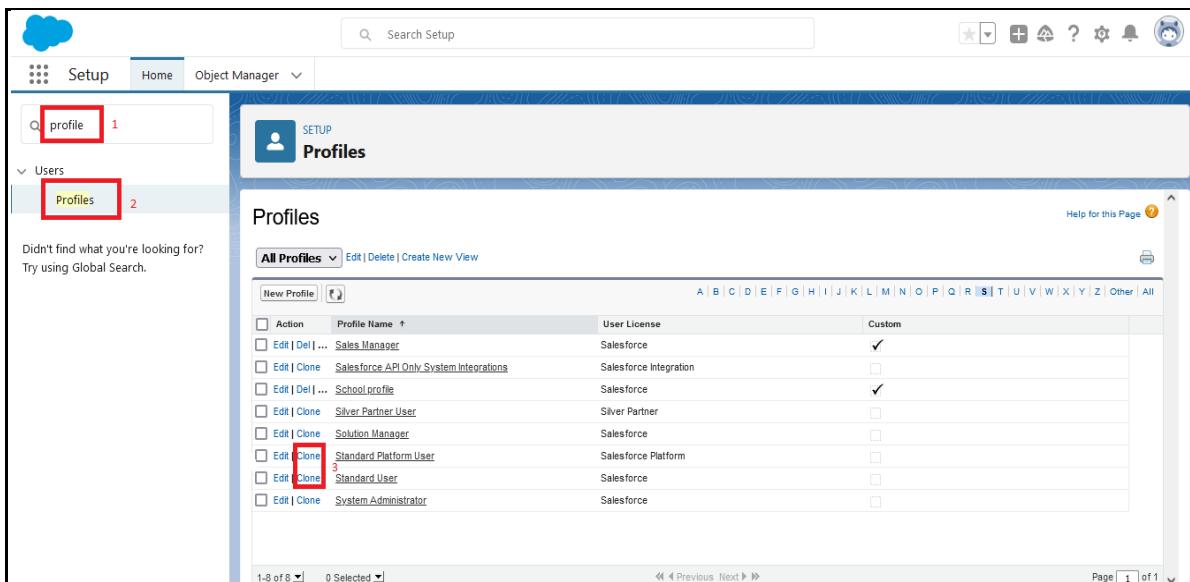
2. Similarly do for the Non-veg and just select the non-veg instead of veg



## Profile

### To Create A New Profile

1. Go to setup ? type profiles in quick find box ? click on profiles ? clone the desired profile (standard platform user is pref) and clone that profile



2. Enter a Profile Name(Sales Manager) And click on Save  
 3. Click on the new created profile

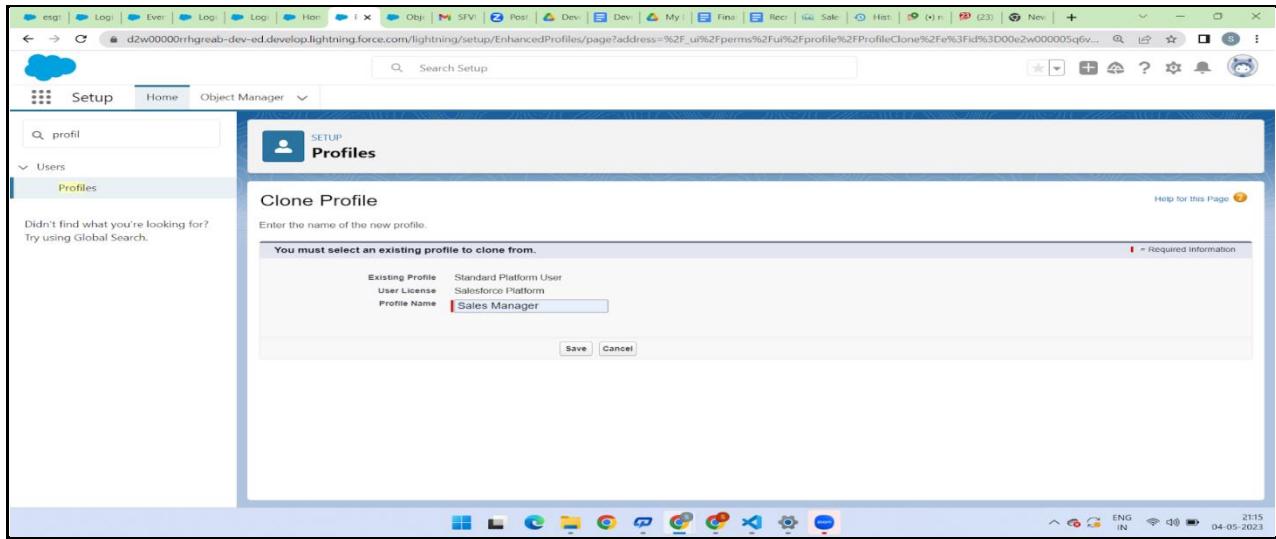
The screenshot shows the Salesforce Setup interface with the 'Profiles' page selected. The left sidebar shows 'Users' and 'Profiles'. The main area displays a table of profiles. One row, labeled 'Sales Manager', has its 'Profile Name' field ('Sales Manager') highlighted with a red box.

4. While still on the profile page, then click Edit.

The screenshot shows the 'Sales Manager' profile detail page. The 'Edit' button in the top right corner of the 'Profile Detail' section is highlighted with a red box.

5. For the sales manager profile give the following access

The screenshot shows the 'Custom Object Permissions' and 'Session Settings' sections of the profile edit page. Under 'Custom Object Permissions', several objects like Address Books, Attendees, Best Sellers, Beverages, Customer Details, Error Logs, Events, and Event-Attendees are listed with checkboxes for various access levels. Under 'Session Settings', session times out after '2 hours of inactivity' and session security level is set to 'None'.



6. Similarly clone the standard platform profile and give the name as Sales Executive  
And give the same access to the as of sales manager

7. Again clone the standard User profile and this time give all access for the objects, tabs and field  
And give the profile name as Delivery Person

## User Adoption

### **Activity - 1**

1.Go to the Gear Icon? Click the setup?click on the home button and in the quick find box search for the user ?Click on the user? than click on new ?fill the fields

- Follow the above and create 2 more user? Marketing manager and Sales Rep

## OWD(Organization Wide Default)

### Create OWD Setting

- Setup, use the Quick Find box to find Sharing Settings.
- Click Edit in the Organization-Wide Defaults area.
- For each object, select the default access you want to give everyone.
- For Every custom object give private as a record level security

Object	Default Internal Access	Default External Access	Grant Access Using Hierarchies
Lead	Public Read/Write/Transfer	Private	✓
Account	Public Read/Write	Private	✓
Contact	Controlled by Parent	Controlled by Parent	✓
Order	Controlled by Parent	Controlled by Parent	✓
Asset	Controlled by Parent	Controlled by Parent	✓
Opportunity	Public Read/Write	Private	✓
Case	Public Read/Write/Transfer	Private	✓
Campaign	Public Full Access	Private	✓
Campaign Member	Controlled by Campaign	Controlled by Campaign	✓
User	Public Read Only	Private	✓

## Reports

### Create The Report

- Go to the gear icon ? click on the setup?click on the home button? in the the quick fin box search for app manager select the App and go to the navigation? There select the Report and include in the app ? than go to App There you will find the Tab

2. Click New Report? create folder?Create the Report? Select the Customer with Mode Of Payment Object Mode of Payment in the columns? Customer detail:Created Date ? columns? mode of payment:Id and in the rows?Mode of payment?Mode of payment

The screenshot shows the 'Reports' section of the Pizza Deliver App. On the left, there are navigation links for 'RECENT', 'REPORTS', 'FOLDERS', and 'FAVORITES'. Under 'REPORTS', there is a table with columns: Report Name, Description, Folder, Created By, Created On, and Subscribed. One entry is visible: 'Sample Flow Report: Screen Flows' with a description of 'Which flows run, what's the status of each interview, and how long do users take to complete the screens?', created by 'Automated Process' on '31/3/2023, 1:44 pm'. The top navigation bar includes links for 'Customer Details', 'EveryDay Values', 'Beverages', 'Best Sellers', 'New Launches', 'Veg Pizzas/Non veg Pizza', 'Mode Of Payment', and 'Reports'. The bottom status bar shows 'ENG IN' and the date '09-05-2023'.

Select Start Report:

3. For to the reports and select the ? customer details with mode of payment

The screenshot shows the 'Create Report' dialog box. On the left, there is a sidebar with categories like 'Recently Used' and 'All' (which is selected). Under 'All', there are sub-options: Accounts & Contacts, Opportunities, Customer Support Reports, Leads, Campaigns, Activities, Contracts and Orders, Price Books, Products and Assets, and Administrative Reports. The main area is titled 'Select a Report Type' and contains a search bar with 'cus' entered. A list of report types is shown with their names and categories: 'Activities with Customer Details' (Standard), 'Customer Details' (Standard), 'Customer Details with Mode Of Payment' (Standard), and 'Customer Detail History' (Standard). To the right, there is a 'Details' panel for 'Customer Details with Mode Of Payment'. It includes a 'Start Report' button, a 'Details' section showing 'Created By You' and 'Created By Others' (both with 'No Reports Yet'), and a 'Objects Used in Report Type' section listing 'Mode Of Payment' and 'User'. The bottom status bar shows 'ENG IN' and the date '09-05-2023'.

4. Select the following option for the Rows and column

Mode Of Payment: Mode Of Payment	Customer Detail: Name	Customer Detail: Created Date	Mode Of Payment: ID
M-0004 (1)	Jonny	09/05/2023	a0F2w00000Bsi8
<b>Subtotal</b>			
M-0005 (1)	Jonny	09/05/2023	a0F2w00000BsiD
<b>Subtotal</b>			
M-0006 (1)	Jack	09/05/2023	a0F2w00000BsiN
<b>Subtotal</b>			
M-0007 (1)	Nadeem	09/05/2023	a0F2w00000Bsi9
<b>Subtotal</b>			
M-0008 (1)	Joe	09/05/2023	a0F2w00000BsiZ
<b>Total (5)</b>			

5. You can create the chart as so just click on the chart and you will be able to create it

Mode Of Payment: Mode Of Payment	Record Count	Customer Detail: Created Date	Mode Of Payment: ID
M-0004 (1)	1 (20% of 5)	09/05/2023	a0F2w00000Bsi8
<b>Subtotal</b>			
M-0005 (1)	1	09/05/2023	a0F2w00000BsiD
<b>Subtotal</b>			
M-0006 (1)	1	09/05/2023	a0F2w00000BsiN
<b>Subtotal</b>			
M-0007 (1)	1	09/05/2023	a0F2w00000Bsi9
<b>Subtotal</b>			

## Create The Report

1. Go to the gear icon ? click on the setup?click on the home button? in the the quick fin box search for app manager select the App and go to the navigation? There select the Report and include in the app ? than go to App There you will find the Tab

2. Click New Report? create folder?Create the Report? Select the Customer with Mode Of Payment Object Mode of Payment in the columns? Customer detail:Created Date ? columns? mode of payment:Id and in the rows?Mode of payment?Mode of payment

The screenshot shows the 'Reports' section of the Pizza Deliver App. On the left, there's a sidebar with categories: 'Recent' (1 item), 'REPORTS' (Recent, Created by Me, Private Reports, Public Reports, All Reports), 'FOLDERS' (All Folders, Created by Me, Shared with Me), and 'FAVORITES' (All Favorites). The main area displays a table of reports:

Report Name	Description	Folder	Created By	Created On	Subscribed
Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	31/3/2023, 1:44 pm	

### Select Start Report:

3. For to the reports and select the ? customer details with mode of payment

The screenshot shows the 'Create Report' dialog box. On the left, there's a sidebar with categories: 'Recently Used' (All), 'Accounts & Contacts', 'Opportunities', 'Customer Support Reports', 'Leads', 'Campaigns', 'Activities', 'Contracts and Orders', 'Price Books, Products and Assets', and 'Administrative Reports'. The main area has three sections: 'Select a Report Type' (with a search bar containing 'cus'), 'Details' (showing 'Customer Details with Mode Of Payment' as the selected report type, with 'Start Report' and 'Fields (22)' buttons), and 'Objects Used in Report Type' (listing 'Mode Of Payment' and 'User').

4. Select the following option for the Rows and column

**Customer Details with Mode Of Payment**

Mode Of Payment: Mode Of Payment	Customer Detail: Name	Customer Detail: Created Date	Mode Of Payment: ID
M-0004 (1)	Jonny	09/05/2023	a0F2w00000Bsi8
Subtotal			
M-0005 (1)	Jonny	09/05/2023	a0F2w00000BsiD
Subtotal			
M-0006 (1)	Jack	09/05/2023	a0F2w00000BsiN
Subtotal			
M-0007 (1)	Nadeem	09/05/2023	a0F2w00000Bsi9
Subtotal			
M-0008 (1)	Joe	09/05/2023	a0F2w00000Bsih
Total (5)			

5. You can create the chart as so just click on the chart and you will be able to create it

**Record Count**

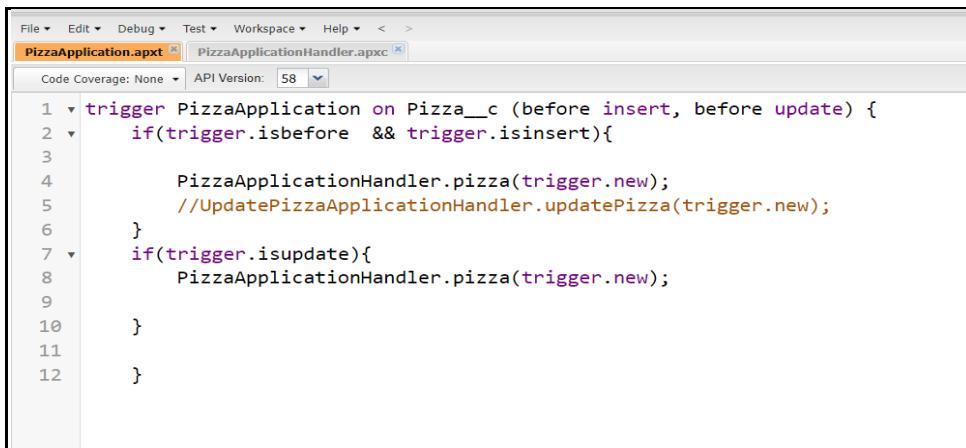
Mode Of Payment: Mode Of Payment	Record Count	Detail Rows
M-0006	1	(20% of 5)
M-0004 (1)		
Subtotal		
M-0005 (1)	Jonny	09/05/2023 a0F2w00000BsiD
Subtotal		
M-0006 (1)	Jack	09/05/2023 a0F2w00000BsiN
Subtotal		
M-0007 (1)	Nadeem	09/05/2023 a0F2w00000Bsi9
Subtotal		

## Apex Trigger

### Activity- 1

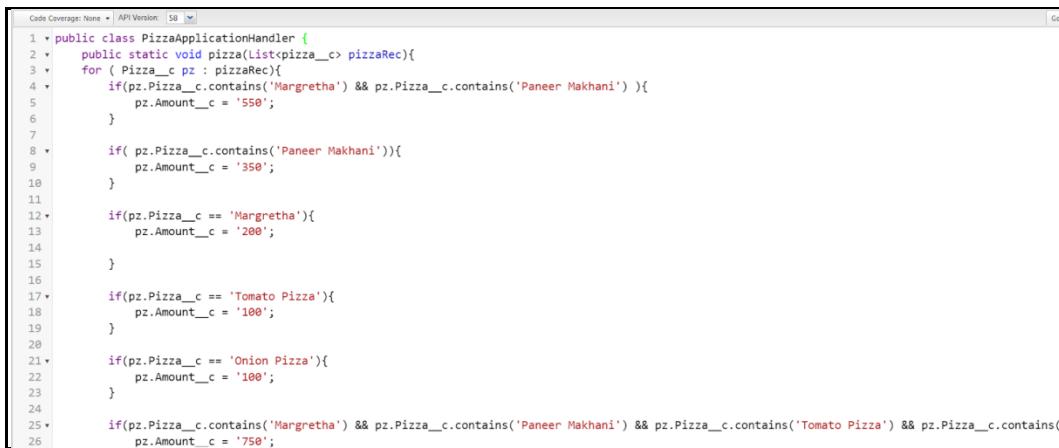
Use Case: This Trigger works for the Pizza Object where the scenario is like whenever the customer is selecting the Pizza whether it is veg Pizza or Non-veg Pizza According to the selection of Pizza The Amount will be reflected in the "Amount" Field.

#### Trigger:



```
File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < >
PizzaApplication.apxt [x] PizzaApplicationHandler.apxc [x]
Code Coverage: None API Version: 58
trigger PizzaApplication on Pizza__c (before insert, before update) {
    if(trigger.isbefore && trigger.isinsert){
        PizzaApplicationHandler.pizza(trigger.new);
        //UpdatePizzaApplicationHandler.updatePizza(trigger.new);
    }
    if(trigger.isupdate){
        PizzaApplicationHandler.pizza(trigger.new);
    }
}
```

#### Trigger Handler:



```
Code Coverage: None API Version: 58
public class PizzaApplicationHandler {
    public static void pizza(List<pizza__c> pizzaRec){
        for ( Pizza__c pz : pizzaRec{
            if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani')){
                pz.Amount__c = '550';
            }
            if( pz.Pizza__c.contains('Paneer Makhani')){
                pz.Amount__c = '350';
            }
            if(pz.Pizza__c == 'Margretha'){
                pz.Amount__c = '200';
            }
            if(pz.Pizza__c == 'Tomato Pizza'){
                pz.Amount__c = '100';
            }
            if(pz.Pizza__c == 'Onion Pizza'){
                pz.Amount__c = '100';
            }
            if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani') && pz.Pizza__c.contains('Tomato Pizza') && pz.Pizza__c.contains('Onion Pizza')){
                pz.Amount__c = '750';
            }
        }
    }
}
```

```

27      }
28
29      if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani') && pz.Pizza__c.contains('Tomato Pizza')){
30          pz.Amount__c = '750';
31      }
32      if(pz.Pizza__c == 'Chicken Pizza'){
33          pz.Amount__c = '400';
34      }
35      if(pz.Pizza__c == 'Paneer Chiken'){
36          pz.Amount__c = '400';
37      }
38
39
40      if(pz.Pizza__c.contains('Paneer Chiken') && pz.Pizza__c.contains('Chicken Pizza') ){
41          pz.Amount__c = '800';
42      }
43
44      if(pz.Pizza__c.contains('Paneer Chiken') && pz.Pizza__c.contains('Paneer Makhani') ){
45          pz.Amount__c = '750';
46      }
47
48      if(pz.Pizza__c.contains('Paneer Chiken') && pz.Pizza__c.contains('Margretha') ){
49          pz.Amount__c = '750';
50      }
51
52      if(pz.Pizza__c.contains('Paneer Chiken') && pz.Pizza__c.contains('Tomato Pizza') ){

53          pz.Amount__c = '500';
54      }
55
56      if(pz.Pizza__c.contains('Paneer Chiken') && pz.Pizza__c.contains('Onion Pizza') ){
57          pz.Amount__c = '500';
58      }
59
60
61
62  }
63
64 }
```

## Trigger Code:

```

trigger PizzaApplication on Pizza__c (before insert, before update) {
    if(trigger.isbefore && trigger.isinsert){

        PizzaApplicationHandler.pizza(trigger.new);
        //UpdatePizzaApplicationHandler.updatePizza(trigger.new);
    }
    if(trigger.isupdate){
        PizzaApplicationHandler.pizza(trigger.new);

    }
}
```

### Trigger Handler:

```

public class PizzaApplicationHandler {
    public static void pizza(List<pizza__c> pizzaRec){
        for ( Pizza__c pz : pizzaRec){
            if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani') ){
```

```

        pz.Amount__c = '550';
    }
    if( pz.Pizza__c.contains('Paneer Makhani')){
        pz.Amount__c = '350';
    }
    if(pz.Pizza__c == 'Margretha'){
        pz.Amount__c = '200';
    }
    if(pz.Pizza__c == 'Tomato Pizza'){
        pz.Amount__c = '100';
    }
    if(pz.Pizza__c == 'Onion Pizza'){
        pz.Amount__c = '100';
    }

    if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani') && pz.Pizza__c.contains('Tomato
    Pizza') && pz.Pizza__c.contains('Onion Pizza') ){
        pz.Amount__c = '750';
    }
    if(pz.Pizza__c.contains('Margretha') && pz.Pizza__c.contains('Paneer Makhani') && pz.Pizza__c.contains('Tomato
    Pizza'))
        pz.Amount__c = '750';
    }
    if(pz.Pizza__c == 'Chicken Pizza'){
        pz.Amount__c = '400';
    }
    if(pz.Pizza__c == 'Paneer Chicken'){
        pz.Amount__c = '400';
    }
    if(pz.Pizza__c.contains('Paneer Chicken') && pz.Pizza__c.contains('Chicken Pizza') ){
        pz.Amount__c = '800';
    }
    if(pz.Pizza__c.contains('Paneer Chicken') && pz.Pizza__c.contains('Paneer Makhani') ){
        pz.Amount__c = '750';
    }
    if(pz.Pizza__c.contains('Paneer Chicken') && pz.Pizza__c.contains('Margretha') ){
        pz.Amount__c = '750';
    }
    if(pz.Pizza__c.contains('Paneer Chicken') && pz.Pizza__c.contains('Tomato Pizza') ){
        pz.Amount__c = '500';
    }
    if(pz.Pizza__c.contains('Paneer Chicken') && pz.Pizza__c.contains('Onion Pizza') ){
        pz.Amount__c = '500';
    }
}
}

```

## Schedule Apex

### Schedule Apex For Frequently Visited Customer

```
1 public class PizzaDiscountScheduler implements Schedulable {
2     public void execute(SchedulableContext sc) {
3         // Logic for sending the email
4         // if (System.now() == System.DayOfWeek.Sunday) {
5             List<Customer_Detail__c> pz = new List<Customer_Detail__c>();
6             String s='gmail.com';
7             for(Customer_Detail__c c:pz)
8             {
9                 if(c.Email__c.contains(s))
10                {
11                    system.debug('haiiiii');
12                }
13            }
14
15            Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
16            email.setToAddresses(new List<String>{'user@example.com'});
17            email.setSubject('Special Sunday Discount');
18            email.setPlainTextBody('Enjoy a 20% discount on all pizzas today!');
19            Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{email});
20
21        }
22    }
}
```

```
public class PizzaDiscountScheduler implements Schedulable {
    public void execute(SchedulableContext sc) {
        // Logic for sending the email
        // if (System.now() == System.DayOfWeek.Sunday) {
            List<Customer_Detail__c> pz = new List<Customer_Detail__c>();
            String s='gmail.com';
            for(Customer_Detail__c c:pz)
            {
                if(c.Email__c.contains(s))
                {
                    system.debug('haiiiii');
                }
            }
            Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
            email.setToAddresses(new List<String>{'user@example.com'});
            email.setSubject('Special Sunday Discount');
            email.setPlainTextBody('Enjoy a 20% discount on all pizzas today!');
            Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{email});
        }
    }
}
```

### Activity-2

For Making the Schedule to send Mail To the Customer Follow the steps below:  
Click on the Gear Icon? Go to the Home Tab ? In the Quick Find Box ? Search for Apex Class

The screenshot shows the Salesforce Setup Home page. In the top left, there's a search bar with "Q Apex Class". Below it, under "Custom Code", "Apex Classes" is selected. A message says "Didn't find what you're looking for? Try using Global Search." On the right, there are three cards: "Get Started with Einstein Bots", "Mobile Publisher", and "Real-time Collaborative Docs". Below these cards is a section titled "Most Recently Used" with one item listed: "Pizza" (Custom Object Definition). The page has a blue header and a light blue footer.

2. Click on the Schedule Apex ? Give Job Name As ? Schedule Pizza.

The screenshot shows the Apex Classes list page. The "Apex Classes" tab is selected in the sidebar. A message says "Didn't find what you're looking for? Try using Global Search." At the top right, there are buttons for "View: All" and "Create New View". Below is a table with columns: Action, Name, Namespace Prefix, Api Version, Status, Size Without Comments, Last Modified By, and Has Trace Flags. The table lists several Apex classes, including "AttendeeEventsService", "ChangePasswordController", and "CommunitiesLandingController". Each row has an "Edit | Del" link and a "Security" link. The "Schedule Apex" button is located at the top right of the table header. The page has a blue header and a light blue footer.

3.Click on Apex Class Lookup ? Select PizzaDiscountScheduler In Recently Viewed Apex Class

**Lookup**

Search... Go!

You can use "\*" as a wildcard next to other characters to improve your search results.

**Recently Viewed Apex Classes**

Name	Namespace Prefix	Api Version
PizzaDiscountScheduler		58

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4. In Frequency Click on the Weekly Radio button You can Select the Start Date and Enddate As Per Your Requirement and then Click on the Save Button

The screenshot shows the Salesforce Setup interface with the 'Apex Classes' tab selected. A modal window is open for scheduling an Apex class named 'Schedule pizza' which implements the 'PizzaDiscountScheduler' class. The 'Frequency' section is set to 'Weekly' with 'Sunday' checked. The 'Start' date is set to 06/07/2023 and the 'End' date is set to 06/08/2023. The 'Preferred Start Time' dropdown is set to 'None'. The modal also includes a note: 'Exact start time will depend on job queue activity.'

Alternate Option

6. Click on the debug besides file ? Click on the Open Execute Anonymous Windows Execute the below code

Enter Apex Code

```
1 // Schedule the job to run every Monday at 8 AM
2 String cronExp = '0 0 8 ? * SUN';
3
4 // Create an instance of the ExpenseReportProcessor class
5 ExpenseReportProcessor expenseProcessor = new ExpenseReportProcessor();
6
7 // Schedule the job using the System.schedule method
8 System.schedule('Expense Report Processor', cronExp, expenseProcessor);
```

Open Log    Execute    Execute Highlighted

```
// Schedule the job to run every Monday at 8 AM
String cronExp = '0 0 8 ? * SUN';

// Create an instance of the ExpenseReportProcessor class
ExpenseReportProcessor expenseProcessor = new ExpenseReportProcessor();

// Schedule the job using the System.schedule method
System.schedule('Expense Report Processor', cronExp, expenseProcessor);
```

