

# A CRM APPLICATION FOR WHOLESALE RICE MILL

The CRM Application for Wholesale Rice Mill is a comprehensive solution designed to streamline and simplify the daily operations of a rice mill factory. It leverages the power of Salesforce's customer relationship management (CRM) platform to enhance customer experiences, optimize store operations, and improve overall efficiency. This user-friendly and feature-rich application addresses the specific needs of a rice mill, ensuring comprehensive management and reporting.

## Features

- **Custom Objects :** Supplier, Rice Mill, Consumer, and Rice Details objects to manage specific data.
- **Fields and Relationships :** Tailored fields and relationships to connect and organize data effectively.
- **Roll-Up Summary Fields :** Aggregates data from related records for better insights.
- **Formula Fields :** Automates calculations and data processing within records.
- **Validation Rules :** Ensures data integrity by enforcing business rules.
- **Page Layouts :** Custom layouts for the Consumer object to improve data entry and viewing.
- **Profiles and Permissions :** Custom profiles for Owner, Employer, and Worker to control access and actions.
- **Reports and Dashboards :** Generate daily reports on rice production, sales, and types of rice, providing key insights to owners.

## Benefits

- **Enhanced Efficiency :** Streamlined operations reduce manual processes and save time.
- **Improved Data Accuracy :** Automated calculations and validation rules ensure reliable data.
- **Better Decision-Making :** Comprehensive reports and dashboards offer valuable insights.
- **Customer Satisfaction :** Improved management of customer interactions

enhances experiences.

- **Optimized Operations :** Detailed tracking and reporting help identify areas for improvement.

## SCREENSHOTS

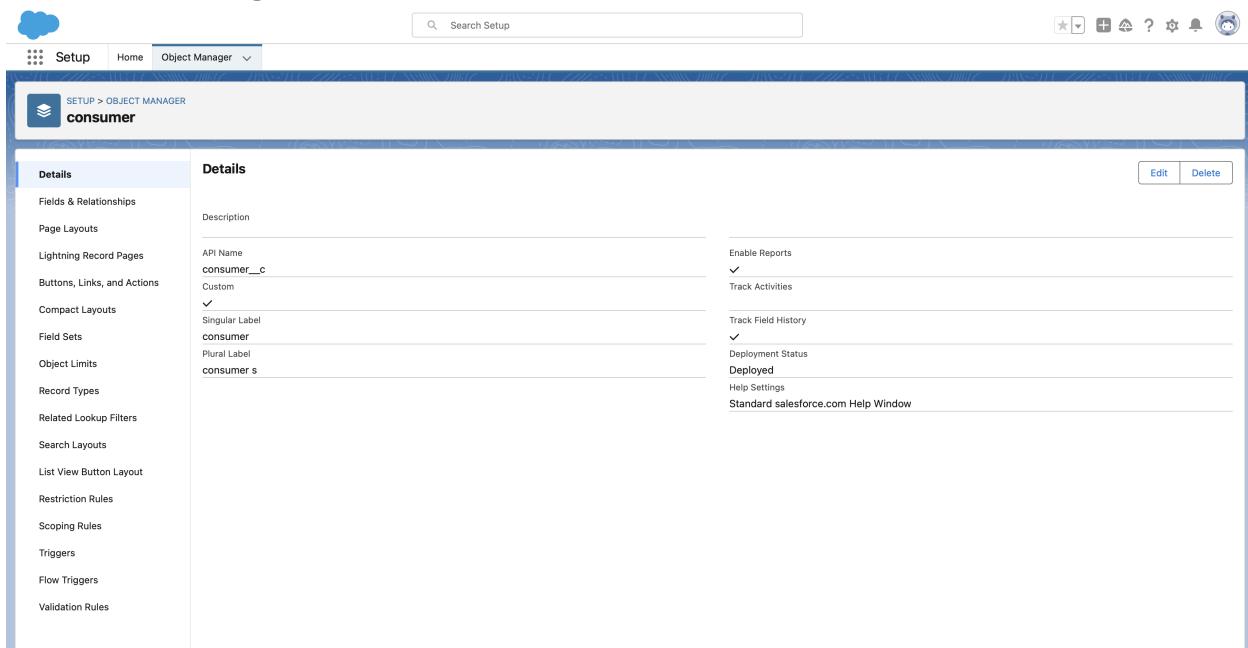
### Object

#### What Is an Object?

Salesforce objects are database tables that permit you to store data that is specific to an organization. What are the types of Salesforce objects

Salesforce objects are of two types:

1. Standard Objects: Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.
2. Custom Objects: Custom objects are those objects that are created by users. They supply information that is unique and essential to their organization. They are the heart of any application and provide a structure for sharing data.



The screenshot shows the Salesforce Setup interface with the following details:

- Header:** Search Setup, Setup icon, Home, Object Manager dropdown.
- Breadcrumbs:** SETUP > OBJECT MANAGER consumer
- Left Sidebar (Details tab):**
  - 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
  - Triggers
  - Flow Triggers
  - Validation Rules
- Right Panel (Details tab):**

Details	
Description	
API Name	consumer__c
Custom	✓
Singular Label	consumer
Plural Label	consumer s
Enable Reports	✓
Track Activities	
Track Field History	✓
Deployment Status	Deployed
Help Settings	
Standard salesforce.com Help Window	
- Buttons:** Edit, Delete, and other standard Salesforce icons.

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The screenshot shows the Salesforce Setup interface for the 'rice details' object. The left sidebar lists various configuration tabs: 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, Triggers, Flow Triggers, and Validation Rules. The main 'Details' tab is selected. The 'Description' section contains the API Name 'rice\_details\_\_c'. The 'Custom' checkbox is checked. The 'Singular Label' is set to 'rice details' and the 'Plural Label' is also set to 'rice details'. The 'Enable Reports' checkbox is checked. The 'Track Activities' checkbox is checked. The 'Track Field History' checkbox is checked. The 'Deployment Status' is set to 'Deployed'. The 'Help Settings' link points to 'Standard salesforce.com Help Window'. The top right corner has 'Edit' and 'Delete' buttons.

The screenshot shows the Salesforce Setup interface for the 'rice mill' object. The left sidebar lists the same configuration tabs as the previous object. The main 'Details' tab is selected. The 'Description' section contains the API Name 'rice\_mill\_\_c'. The 'Custom' checkbox is checked. The 'Singular Label' is set to 'rice mill' and the 'Plural Label' is set to 'rice mills'. The 'Enable Reports' checkbox is checked. The 'Track Activities' checkbox is checked. The 'Track Field History' checkbox is checked. The 'Deployment Status' is set to 'Deployed'. The 'Help Settings' link points to 'Standard salesforce.com Help Window'. The top right corner has 'Edit' and 'Delete' buttons.

MYLAPALLI DURGAPRASAD

## CRM APPLICATION FOR WHOLESALE RICE MILL

The screenshot shows the Salesforce Setup interface with the following details:

- Header:** CRM APPLICATION FOR WHOLESALE RICE MILL
- Top Bar:** Search Setup, Home, Object Manager
- Breadcrumbs:** SETUP > OBJECT MANAGER > supplier
- Left Sidebar (Details Tab):**
  - 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
  - Triggers
  - Flow Triggers
  - Validation Rules
- Right Panel (Details Tab):**

Details	Details
Description	Enable Reports ✓ Track Activities
API Name Supplier__c	Track Field History ✓ Deployment Status Deployed
Custom	Help Settings Standard salesforce.com Help Window
Singular Label supplier	
Plural Label supplier	
supplier	

Buttons: Edit, Delete

## Tabs

What is Tab : A tab is like a user interface that is used to build records for objects and to view the records in the objects.

Types of Tabs:

### Custom Tabs

Custom object tabs are the user interface for custom applications that you build in salesforce.com. They look and behave like standard salesforce.com tabs such as accounts, contacts, and opportunities.

### Web Tabs

Web Tabs are custom tabs that display web content or applications embedded in the salesforce.com window. Web tabs make it easier for your users to quickly access content and applications they frequently use without leaving the salesforce.com application.

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### Visualforce Tabs

Visualforce Tabs are custom tabs that display a Visualforce page. Visualforce tabs look and behave like standard salesforce.com tabs such as accounts, contacts, and opportunities.

### Lightning Component Tabs

Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app.

### Lightning Page Tabs

Lightning Page Tabs let you add Lightning Pages to the mobile app navigation menu.

Lightning Page tabs don't work like other custom tabs. Once created, they don't show up on the All Tabs page when you click the Plus icon that appears to the right of your current tabs. Lightning Page tabs also don't show up in the Available Tabs list when you customize the tabs for your apps.

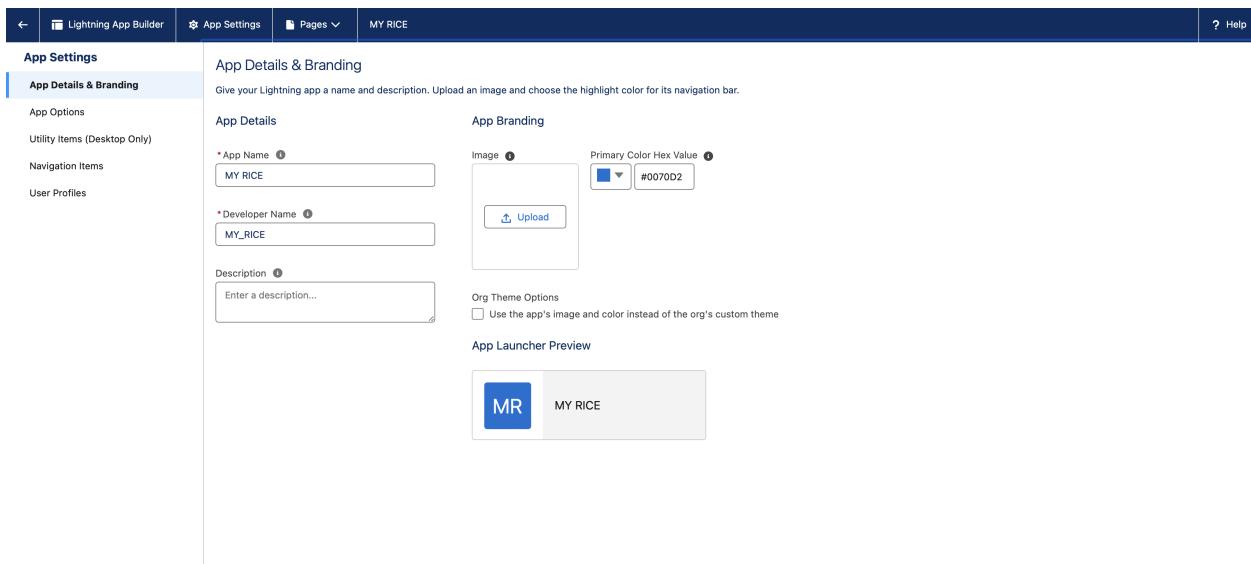
The screenshot shows the Salesforce Lightning Experience interface. At the top, there's a banner with the text "It's Better in Lightning" and "Move to Lightning Experience and give your users a productivity boost". Below the banner, there are two buttons: "Tell Me More" and "Check Readiness". On the left side, there's a sidebar with various links: "Home", "Chatter", "Libraries", "Content", "Subscriptions", "Lightning Experience Transition Assistant" (with a sub-link "Move to the new, more productive Salesforce."), "Get Started", "Salesforce Mobile Quick Start", "Home", "Administer" (with a long list of sub-links like "Release Updates", "Manage Users", etc.), and "Analytics". The main content area is titled "Custom Tabs". It contains a sub-section "Custom Object Tabs" with a table:

Action	Label	Tab Style	Description
Edit   Del	consumer_s	Box	
Edit   Del	rice_details	Box	
Edit   Del	rice_mills	Box	
Edit   Del	supplier	Box	

Below this, there are sections for "Web Tabs" (No Web Tabs have been defined), "Visualforce Tabs" (No Visualforce Tabs have been defined), "Lightning Component Tabs" (No Lightning component tabs have been defined), and "Lightning Page Tabs" (No Lightning Page Tabs have been defined). There are also "New" and "What Is This?" buttons for each of these sections.

## The Lightning App

An app is a collection of items that work together to serve a particular function. In Lightning Experience, Lightning apps give your users access to sets of objects, tabs, and other items all in one convenient bundle in the navigation bar. Lightning apps let you brand your apps with a custom color and logo. You can even include a utility bar and Lightning page tabs in your Lightning app. Members of your org can work more efficiently by easily switching between apps.



## Fields

When we talk about Salesforce, Fields represent the data stored in the columns of a relational database. It can also hold any valuable information that you require for a specific object. Hence, the overall searching, deletion, and editing of the records become simpler and quicker.

### Types of Fields

#### 1. Standard Fields

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## 2. Custom Fields

### Standard Fields:

As the name suggests, the Standard Fields are the predefined fields in Salesforce that perform a standard task. The main point is that you can't simply delete a Standard Field until it is a non-required standard field. Otherwise, users have the option to delete them at any point from the application freely. Moreover, we have some fields that you will find common in every Salesforce application. They are,

1. Created By
2. Owner
3. Last Modified
4. Field Made During object Creation

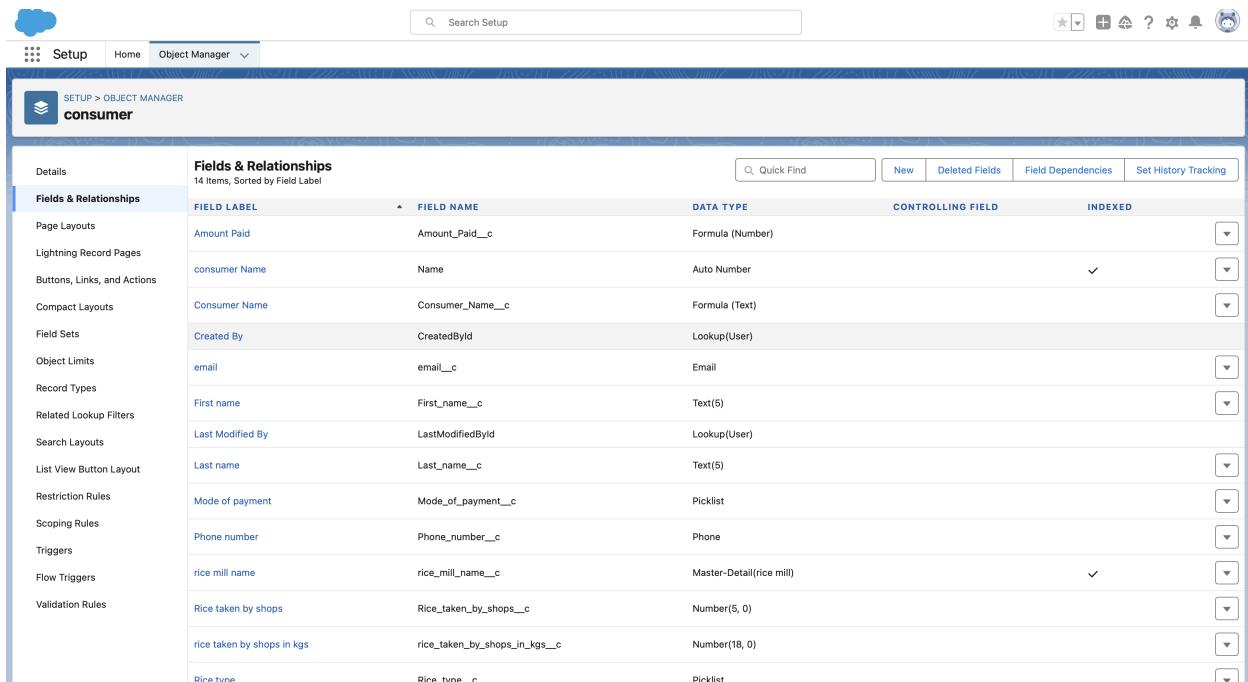
### Custom Fields:

On the other side of the coin, Custom Fields are highly flexible, and users can change them according to requirements. Moreover, each organizer or company can use them if necessary. It means you need not always include them in the records, unlike Standard fields. Hence, the final decision depends on the user, and he can add/remove Custom Fields of any given form.

The screenshot shows the Salesforce Object Manager interface for the 'supplier' object. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The search bar contains 'Search Setup'. The main area displays the 'Fields & Relationships' section for the 'supplier' object, which lists 6 items, sorted by Field Label. The table columns are: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The data rows are:

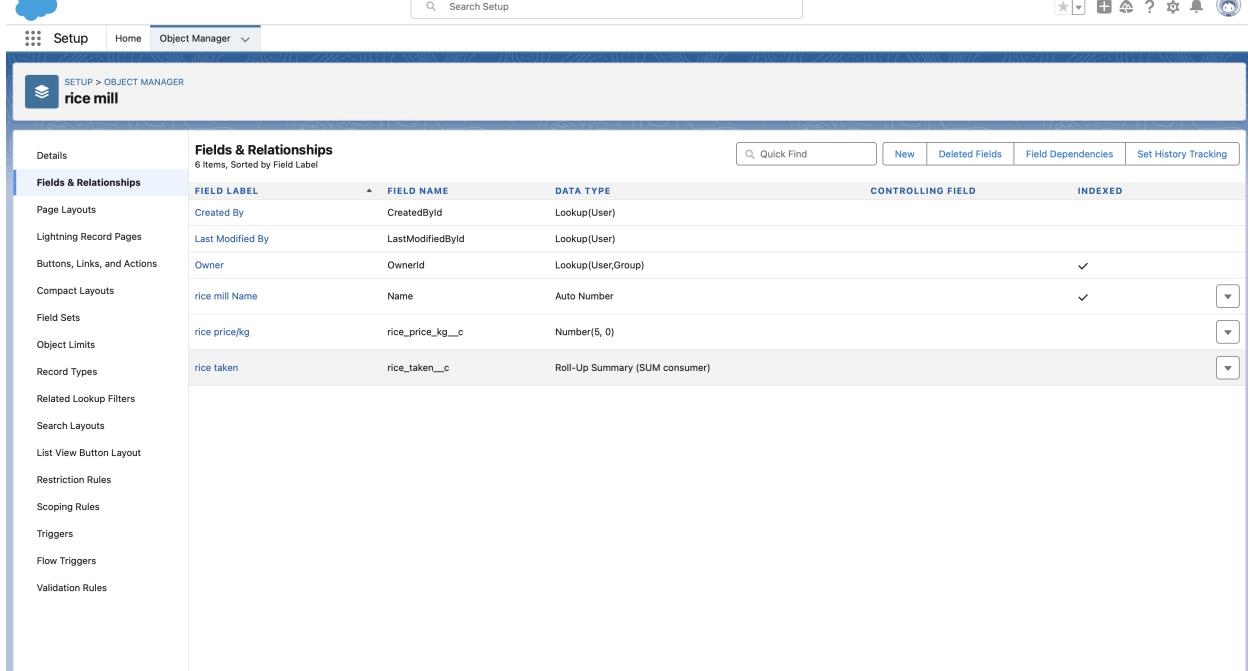
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
rice distributed to shops	rice_distributed_to_shops__c	Roll-Up Summary (SUM rice details)		✓
sum of rice distributed	sum_of_rice_distributed__c	Roll-Up Summary (SUM rice details)		✓
supplier Name	Name	Text(80)		✓

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The screenshot shows the Salesforce Object Manager for the 'consumer' object. The 'Fields & Relationships' section lists 14 items, sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount Paid	Amount_Paid__c	Formula (Number)		
consumer Name	Name	Auto Number		
Consumer Name	Consumer_Name__c	Formula (Text)		
Created By	CreatedBy	Lookup(User)		
email	email__c	Email		
First name	First_name__c	Text(5)		
Last Modified By	LastModifiedBy	Lookup(User)		
Last name	Last_name__c	Text(5)		
Mode of payment	Mode_of_payment__c	Picklist		
Phone number	Phone_number__c	Phone		
rice mill name	rice_mill_name__c	Master-Detail(rice mill)	✓	
Rice taken by shops	Rice_taken_by_shops__c	Number(5, 0)		
rice taken by shops in kgs	rice_taken_by_shops_in_kgs__c	Number(18, 0)		
Rice type	Rice_type__c	Picklist		

The screenshot shows the Salesforce Object Manager for the 'rice mill' object. The 'Fields & Relationships' section lists 6 items, sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		
rice mill Name	Name	Auto Number	✓	
rice price/kg	rice_price_kg__c	Number(5, 0)		
rice taken	rice_taken__c	Roll-Up Summary (SUM consumer)		

## Page Layouts

Page Layout in Salesforce allows us to customize the design and organize detail

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and edit pages of records in Salesforce. Page layouts can be used to control the appearance of fields, related lists, and custom links on standard and custom objects' detail and edit pages.

The screenshot shows the Salesforce Setup interface for the 'rice mill' object. The left sidebar contains navigation links for various setup categories like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, and more. The main content area is titled 'Page Layouts' and shows a single item named 'rice mill Layout'. It includes columns for 'PAGE LAYOUT NAME', 'CREATED BY', and 'MODIFIED BY', both listed as 'Durgaprasad Mylapalli, 23/08/2024, 10:47 PM'. Below this is a preview pane showing the layout structure with sections for Fields, Buttons, Quick Actions, Mobile & Lightning Actions, Expanded Lookups, Related Lists, and Report Charts. The 'Report Charts' section is currently selected. The preview also shows the 'Salesforce Mobile and Lightning Experience Actions' section, which includes a note about predefined actions and a list of actions like Edit, Delete, Clone, Change Owner, etc. At the bottom, there are sections for 'rice mill Detail' (Information, System Information, Custom Links), 'Mobile Cards (Salesforce mobile only)', and 'Related Lists' (rice details, consumer s). A toolbar at the top right includes 'Quick Find', 'New', and 'Page Layout Assignment' buttons.

## Profiles

A profile is a group/collection of settings and permissions that define what a user can do in salesforce. Profile controls "Object permissions, Field permissions, User permissions, Tab settings, App settings, Apex class access, Visualforce page access, Page layouts, Record Types, Login hours & Login IP ranges. You can define profiles by the user's job function. For example System Administrator, Developer, Sales

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Representative.

Types of profiles in salesforce

1. Standard profiles:

By default salesforce provides below standard profiles.

- Contract Manager
- Read Only
- Marketing User
- Solutions Manager
- Standard User
- System Administrator.

We cannot deleted standard ones

Each of these standard ones includes a default set of permissions for all of the standard objects available on the platform.

2. Custom Profiles:

Custom ones defined by us.

They can be deleted if there are no users assigned with that particular one.

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The screenshot shows the Salesforce Lightning Experience interface. At the top, there's a banner encouraging users to move to Lightning Experience. Below it, the main content area is titled "System Administrator". The page displays various profile settings, including permissions, page layouts, and custom object permissions. On the left, a sidebar provides navigation links for Home, Administer, and SalesForce Mobile Quick Start.

**Profile Detail**

Name	System Administrator	Custom Profile	<input type="checkbox"/>																																																								
User License	Salesforce	Modified By	Durgaprasad Mylapalli																																																								
Created By	salesforce.com, Inc.	Modified	23/08/2024, 11:55 pm																																																								
<b>Page Layouts</b>																																																											
<table border="1"> <thead> <tr> <th>Standard Object Layouts</th> <th>Global</th> <th>Location Group Assignment</th> <th>Location Group Assignment Layout</th> </tr> </thead> <tbody> <tr> <td>Email Application</td> <td>Not Assigned</td> <td>Macro</td> <td>[View Assignment]</td> </tr> <tr> <td>Home Page Layout</td> <td>[View Assignment]</td> <td>Object Milestone</td> <td>[View Assignment]</td> </tr> <tr> <td>Account</td> <td>Account Layout</td> <td>Operating Hours</td> <td>[View Assignment]</td> </tr> <tr> <td>Alternative Payment Method</td> <td>Alternative Payment Method Layout</td> <td>Opportunity</td> <td>[View Assignment]</td> </tr> <tr> <td>Appointment Invitation</td> <td>Appointment Invitation Layout</td> <td>Opportunity Product</td> <td>[View Assignment]</td> </tr> <tr> <td>Asset</td> <td>Asset Layout</td> <td>Order</td> <td>[View Assignment]</td> </tr> <tr> <td>Asset Action</td> <td>Asset Action Layout</td> <td>Order Product</td> <td>[View Assignment]</td> </tr> <tr> <td>Asset Action Source</td> <td>Asset Action Source Layout</td> <td>Payment</td> <td>[View Assignment]</td> </tr> <tr> <td>Asset Relationship</td> <td>Asset Relationship Layout</td> <td>Payment Authorization</td> <td>[View Assignment]</td> </tr> <tr> <td>Asset State Period</td> <td>Asset State Period Layout</td> <td>Payment Authorization Adjustment</td> <td>[View Assignment]</td> </tr> </tbody> </table>				Standard Object Layouts	Global	Location Group Assignment	Location Group Assignment Layout	Email Application	Not Assigned	Macro	[View Assignment]	Home Page Layout	[View Assignment]	Object Milestone	[View Assignment]	Account	Account Layout	Operating Hours	[View Assignment]	Alternative Payment Method	Alternative Payment Method Layout	Opportunity	[View Assignment]	Appointment Invitation	Appointment Invitation Layout	Opportunity Product	[View Assignment]	Asset	Asset Layout	Order	[View Assignment]	Asset Action	Asset Action Layout	Order Product	[View Assignment]	Asset Action Source	Asset Action Source Layout	Payment	[View Assignment]	Asset Relationship	Asset Relationship Layout	Payment Authorization	[View Assignment]	Asset State Period	Asset State Period Layout	Payment Authorization Adjustment	[View Assignment]												
Standard Object Layouts	Global	Location Group Assignment	Location Group Assignment Layout																																																								
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Account	Account Layout	Operating Hours	[View Assignment]																																																								
Alternative Payment Method	Alternative Payment Method Layout	Opportunity	[View Assignment]																																																								
Appointment Invitation	Appointment Invitation Layout	Opportunity Product	[View Assignment]																																																								
Asset	Asset Layout	Order	[View Assignment]																																																								
Asset Action	Asset Action Layout	Order Product	[View Assignment]																																																								
Asset Action Source	Asset Action Source Layout	Payment	[View Assignment]																																																								
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<b>Session Settings</b>																																																											
<p>Session Times Out After: 2 hours of inactivity</p> <p>Session Security Level Required at Login:</p>																																																											
<b>Password Policies</b>																																																											
<p>User passwords expire in: 90 days</p> <p>Enforce password history: 3 passwords remembered</p> <p>Minimum password length: 8</p> <p>Password complexity requirement: Must include alpha and numeric characters</p> <p>Password question requirement: Cannot contain password</p> <p>Maximum invalid login attempts: 10</p> <p>Lockout effective period: 15 minutes</p> <p>Obscure secret answer for password resets: <input type="checkbox"/></p> <p>Require a minimum 1 day password lifetime: <input type="checkbox"/></p> <p>Don't immediately expire links in forgot password emails: <input type="checkbox"/></p>																																																											
<p><b>Login Hours</b></p> <p>No login hours specified.</p>																																																											
<p><b>Login IP Ranges</b></p> <p>No login IP ranges specified. Users from any IP address are allowed to log in.</p>																																																											

## Role & Role Hierarchy

A role in Salesforce defines a user's visibility access at the record level. Roles may be used to specify the types of access that people in your Salesforce organization can have to data. Simply put, it describes what a user could see within the

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Salesforce organization.

The screenshot shows the Salesforce Lightning Experience interface. At the top, there's a banner with the text "It's Better in Lightning" and "Move to Lightning Experience and give your users a productivity boost." Below the banner, the main title is "Creating the Role Hierarchy". A sub-instruction says "You can build on the existing role hierarchy shown on this page. To insert a new role, click Add Role." On the left, there's a sidebar with sections like "Lightning Experience Transition Assistant", "Salesforce Mobile Quick Start", "Home", "Administer", and "Roles". The "Roles" section is expanded, showing a hierarchical tree of roles under "GITAM". The tree includes "CEO", "CFO", "COO", "owner", "employer", "SVP.Customer Service & Support", "SVP.Human Resources", and "SVP.Sales & Marketing". Each node has "Edit", "Del", and "Assign" buttons. The right side of the screen shows the detailed view for the "owner" role, which has "Add Role" and "Edit" buttons.

## Users

A user is anyone who logs in to Salesforce. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in Salesforce has a user account. The user account identifies the user, and the user account settings determine what features and records the user can access.

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The screenshot shows the Salesforce Lightning Experience interface. At the top, there's a banner with the text "It's Better in Lightning" and "Move to Lightning Experience and give your users a productivity boost." with two buttons: "Tell Me More" and "Check Readiness". Below the banner, the main content area has a title "All Users" and a subtitle "On this page you can create, view, and manage users." It includes a "View" dropdown set to "All Users" and buttons for "Edit" and "Create New View". A search bar and filter options are also present. The main table lists user records with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table shows several users, including "Chatter Expert" (Chatter), "Mylapalli\_Durgaprasad" (DMyla), "tar@tar.tar", "rram\_ram", "integration", "sec", and "y.yidky". The "Profile" column indicates various roles like Chatter Free User, System Administrator, Standard Platform User, Analytics Cloud Integration User, Analytics Cloud Security User, and owner. Navigation links for letters A through Z and an "Other" link are at the bottom of the table.

## Permission Sets

A permission set is a collection of settings and permissions that give users access to various tools and functions. Permission sets extend users' functional access without changing their profiles and are the recommended way to manage your users' permissions.

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Quick Text	Private	Private	✓
Quick Text Usage	Private	Private	✓
Rebate Payout Snapshot	Private	Private	✓
Return Order	Private	Private	✓
Scorecard	Private	Private	✓
Seller	Private	Private	✓
Service Appointment	Public Read/Write	Private	✓
Service Appointment Attendee	Private	Private	✓
Service Contract	Private	Private	✓
Service Resource	Public Read/Write	Private	✓
Service Territory	Public Read/Write	Private	✓
Shift	Private	Private	✓
Shipment	Private	Private	✓
Shipping Carrier	Public Read Only	Private	✓
Shipping Carrier Method	Public Read Only	Private	✓
Shipping Configuration Set	Public Read Only	Private	✓
Streaming Channel	Public Read/Write	Private	✓
Tableau Host Mapping	Public Read Only	Private	✓
User Provisioning Request	Private	Private	✓
Waitlist	Private	Private	✓
Web Cart Document	Private	Private	✓
Work Order	Private	Private	✓
Work Plan	Private	Private	✓
Work Plan Template	Private	Private	✓
Work Step Template	Private	Private	✓
Work Type	Private	Private	✓
Work Type Group	Public Read/Write	Private	✓
consumer	Controlled by Parent	Controlled by Parent	
rice details	Controlled by Parent	Controlled by Parent	
rice mill	Public Read Only	Private	✓
supplier	Public Read Only	Private	✓

Other Settings		Other Settings Help (?)
Manager Groups	<input type="checkbox"/> ⓘ	
Secure guest user record access	<input checked="" type="checkbox"/> ⓘ	
Require permission to view record names in lookup fields	<input type="checkbox"/> ⓘ	

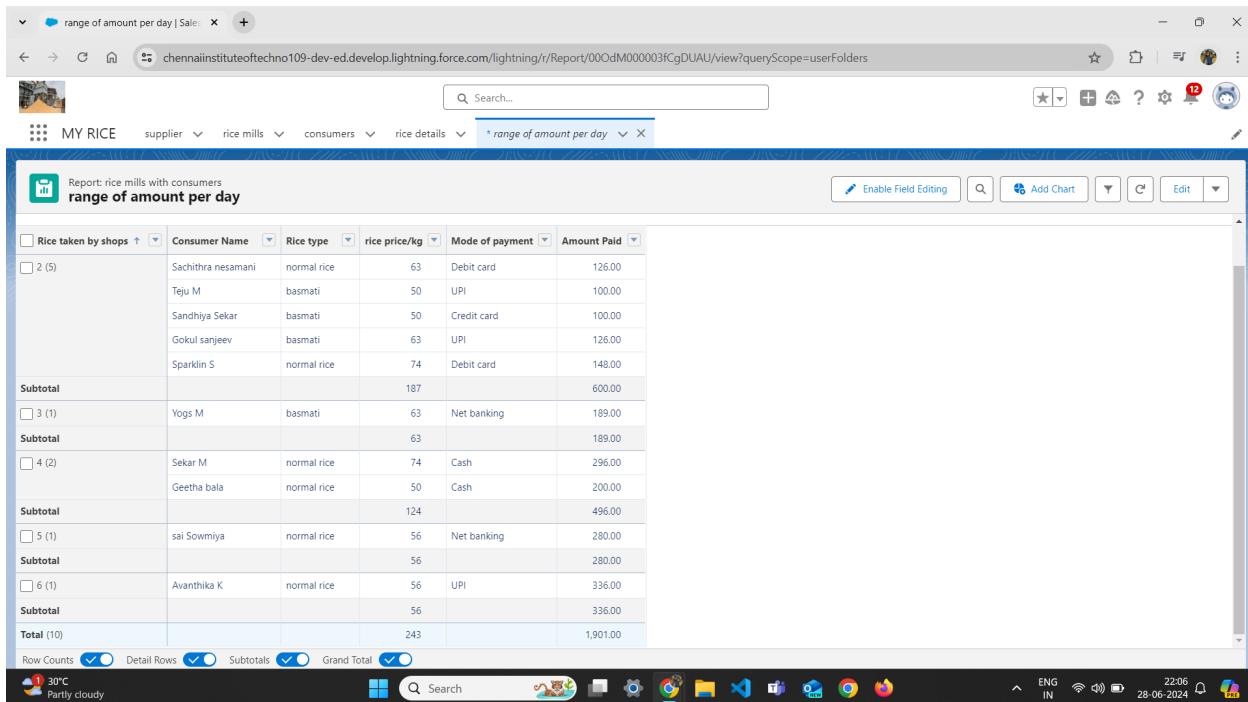
  

Sharing Rules	New   Recalculate	Lead Sharing Rules Help (?)
Lead Sharing Rules		

## Reports

A collection of data that meets specific criteria, allowing users to analyze and make informed decisions. In this project, reports are generated daily to track rice production, sales, and types of rice.

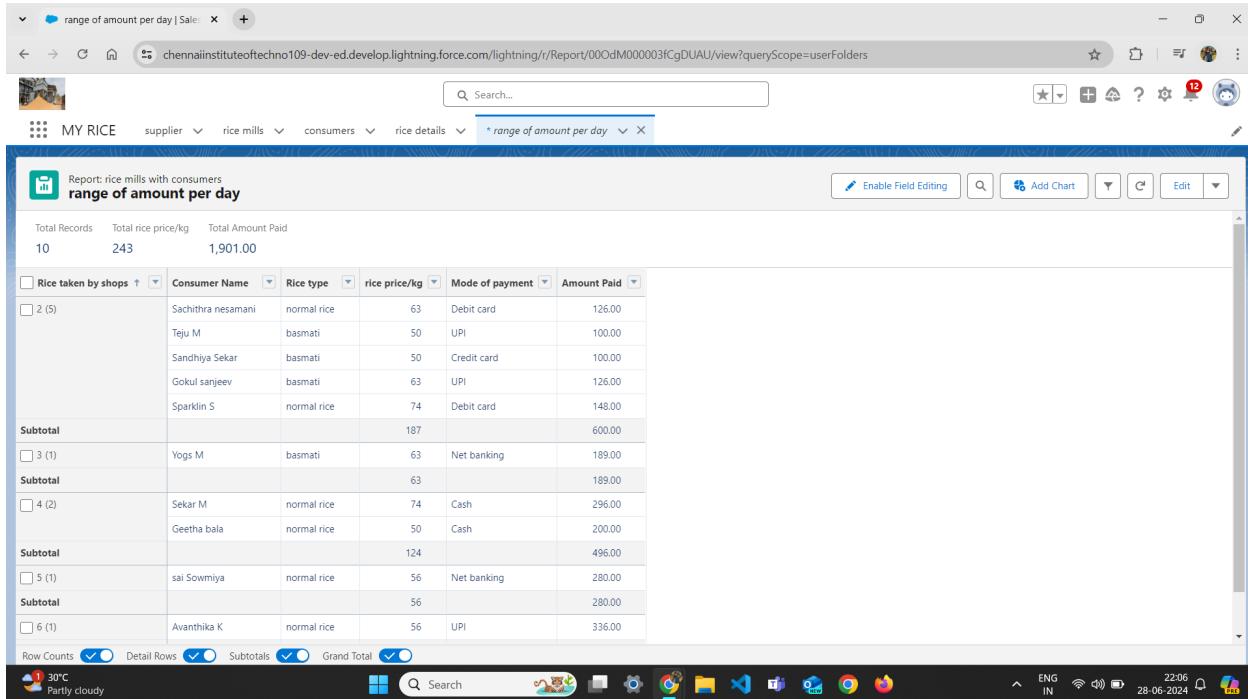
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**Report: rice mills with consumers  
range of amount per day**

Rice taken by shops	Consumer Name	Rice type	rice price/kg	Mode of payment	Amount Paid
2 (5)	Sachithra nesamani	normal rice	63	Debit card	126.00
	Teju M	basmati	50	UPI	100.00
	Sandhiya Sekar	basmati	50	Credit card	100.00
	Gokul sanjeev	basmati	63	UPI	126.00
	Sparklin S	normal rice	74	Debit card	148.00
<b>Subtotal</b>					600.00
3 (1)	Yogs M	basmati	63	Net banking	189.00
<b>Subtotal</b>					189.00
4 (2)	Sekar M	normal rice	74	Cash	296.00
	Geetha bala	normal rice	50	Cash	200.00
<b>Subtotal</b>					496.00
5 (1)	sai Sowmiya	normal rice	56	Net banking	280.00
<b>Subtotal</b>					280.00
6 (1)	Avanthika K	normal rice	56	UPI	336.00
<b>Subtotal</b>					336.00
<b>Total (10)</b>					1,901.00

Row Counts  Detail Rows  Subtotals  Grand Total

Total Records: 10 Total rice price/kg: 243 Total Amount Paid: 1,901.00

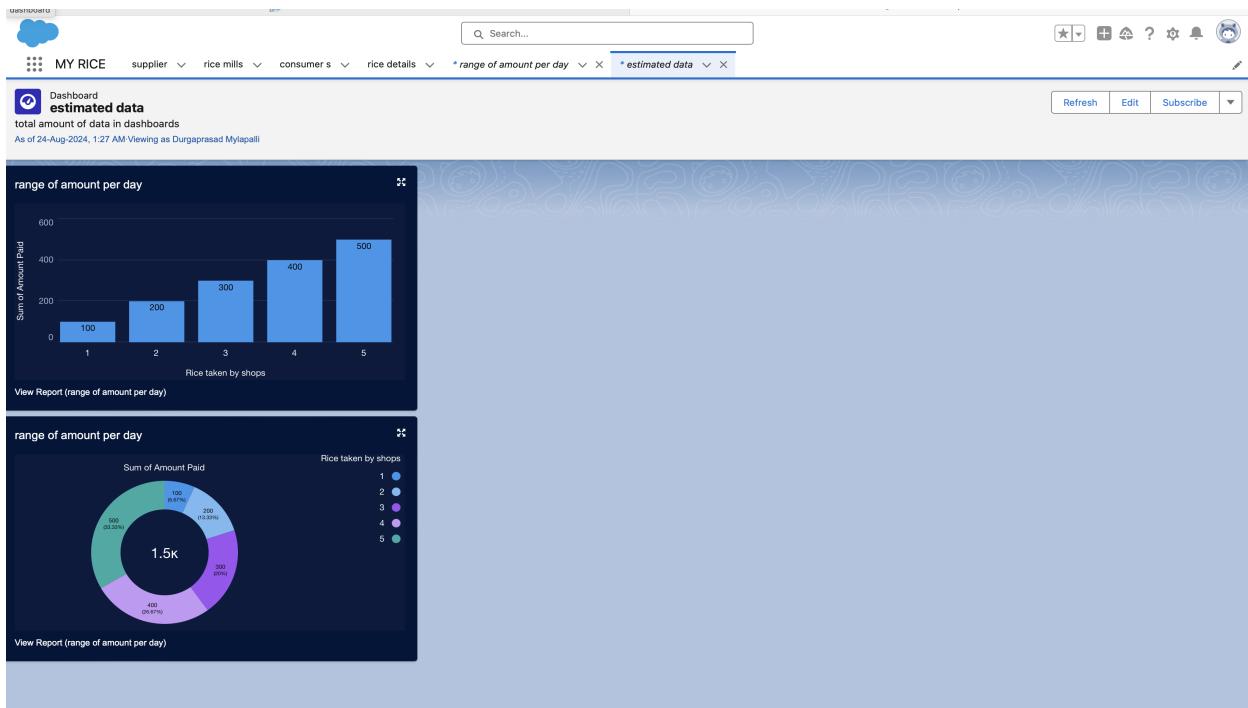
Rice taken by shops	Consumer Name	Rice type	rice price/kg	Mode of payment	Amount Paid
2 (5)	Sachithra nesamani	normal rice	63	Debit card	126.00
	Teju M	basmati	50	UPI	100.00
	Sandhiya Sekar	basmati	50	Credit card	100.00
	Gokul sanjeev	basmati	63	UPI	126.00
	Sparklin S	normal rice	74	Debit card	148.00
<b>Subtotal</b>					600.00
3 (1)	Yogs M	basmati	63	Net banking	189.00
<b>Subtotal</b>					189.00
4 (2)	Sekar M	normal rice	74	Cash	296.00
	Geetha bala	normal rice	50	Cash	200.00
<b>Subtotal</b>					496.00
5 (1)	sai Sowmiya	normal rice	56	Net banking	280.00
<b>Subtotal</b>					280.00
6 (1)	Avanthika K	normal rice	56	UPI	336.00
<b>Subtotal</b>					336.00

Row Counts  Detail Rows  Subtotals  Grand Total

## Dashboards

A visual representation of key metrics and trends from reports, providing a quick overview of the rice mill's performance. Dashboards in this project help owners and managers monitor operations at a glance.

## CRM APPLICATION FOR WHOLESALE RICE MILL



This CRM application empowers rice mill owners with the tools and insights needed to manage their business effectively, ensuring continuous improvement and growth.

## APEX

Apex is a strongly typed, object-oriented programming language that allows developers to execute flow and transaction control statements on the Lightning platform server in conjunction with calls to the Lightning Platform API. Using syntax that looks like Java and acts like database stored procedures, Apex enables developers to add business logic to most system events, including button clicks, related record updates, and Visualforce pages. Apex code can be initiated by Web service requests and from triggers on objects.

It is as similar as java i.e, it also supports OOP( Object oriented programming) like Classes, objects, methods.

Creating Classes :

## CRM APPLICATION FOR WHOLESALE RICE MILL

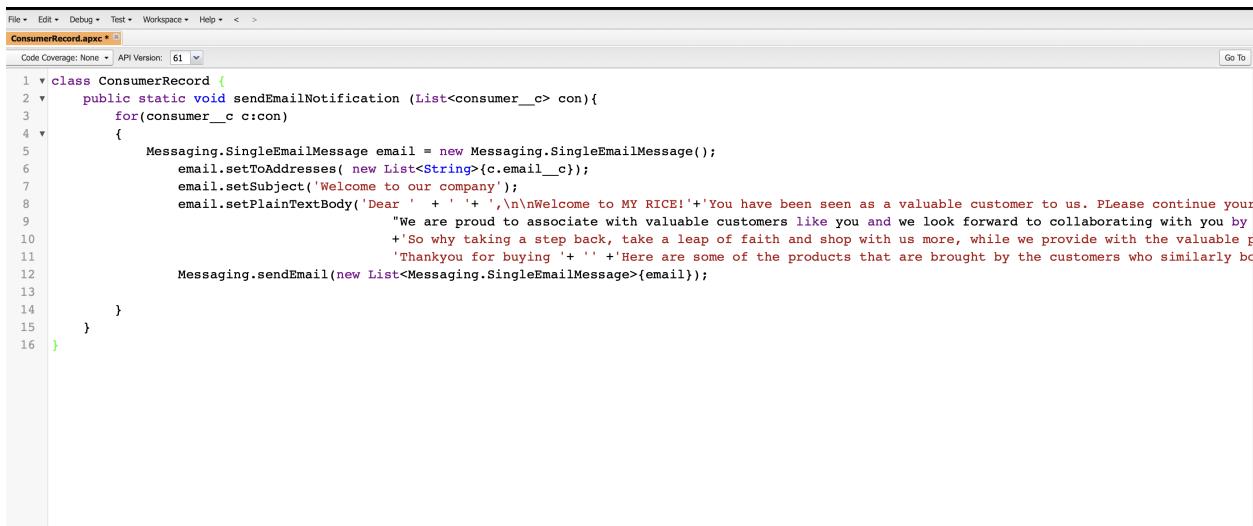
Apex classes are modeled on their counterparts in Java. You'll define, instantiate, and extend classes, and you'll work with interfaces, Apex class versions, properties, and other related class concepts.

- Class:

As in Java, you can create classes in Apex. A class is a template or blueprint from which objects are created. An object is an instance of a class.

- Object

Object is an instance of a class, where it can access all the properties that are present in a class i.e, variables and methods.



```
File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < >
ConsumerRecord.apxc * [1]
Code Coverage: None ▾ API Version: 61 ▾ Go To
1 v class ConsumerRecord {
2 v   public static void sendEmailNotification (List<consumer__c> con){
3 v     for(consumer__c c:con)
4 v       {
5 v         Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
6 v           email.setToAddresses( new List<String>{c.email__c});
7 v           email.setSubject('Welcome to our company');
8 v           email.setPlainTextBody( 'Dear ' + ' + ','\nWelcome to MY RICE! +' + 'You have been seen as a valuable customer to us. Please continue your
9 v           "We are proud to associate with valuable customers like you and we look forward to collaborating with you by
10 v           +'So why taking a step back, take a leap of faith and shop with us more, while we provide with the valuable p
11 v           'Thankyou for buying ' + '' +'Here are some of the products that are brought by the customers who similarly bo
12 v           Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{email});
13 v       }
14 v   }
15 v }
16 }
```



```
File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < >
ConsumerRecord.apxc * [1] consumerTrigger.apxt *
Code Coverage: None ▾ API Version: 61 ▾ Go To
1 v trigger consumerTrigger on consumer__c (After insert) {
2 v   if(trigger.isAfter && trigger.isInsert) {
3 v     ConsumerRecord.sendEmailNotification(trigger.new);
4 v   }
5 }
```