

# A CRM APPLICATION FOR WHOLESALE RICE MILL

A detailed document of my project

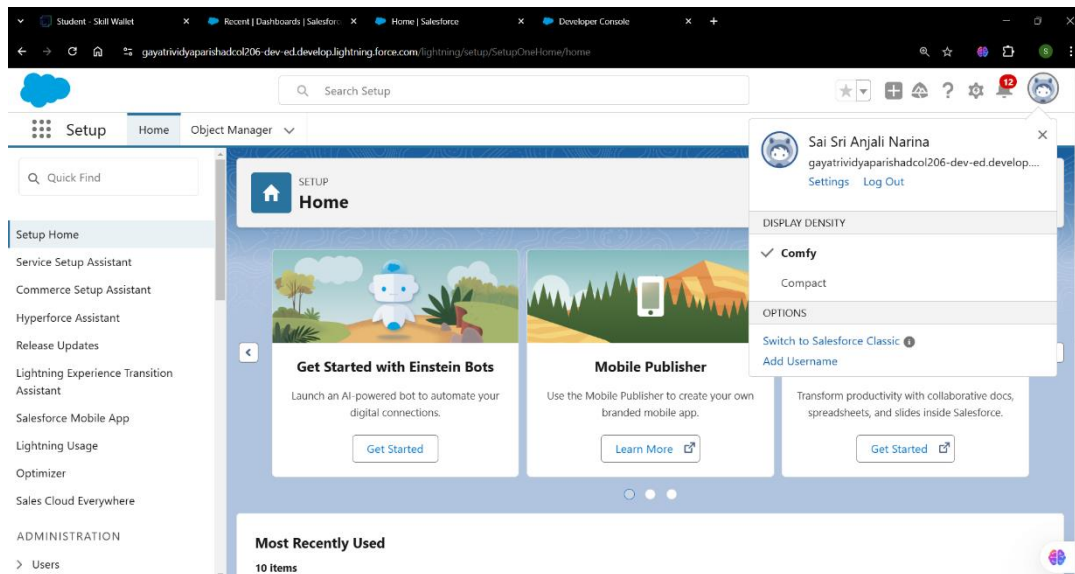
**NAME : SAI SRI ANJALI NARINA**

**E-MAIL : [322103310200@gvpce.ac.in](mailto:322103310200@gvpce.ac.in)**

**COLLEGE NAME : GAYATRI VIDYA  
PARISHAD COLLEGE OF ENGINEERING**

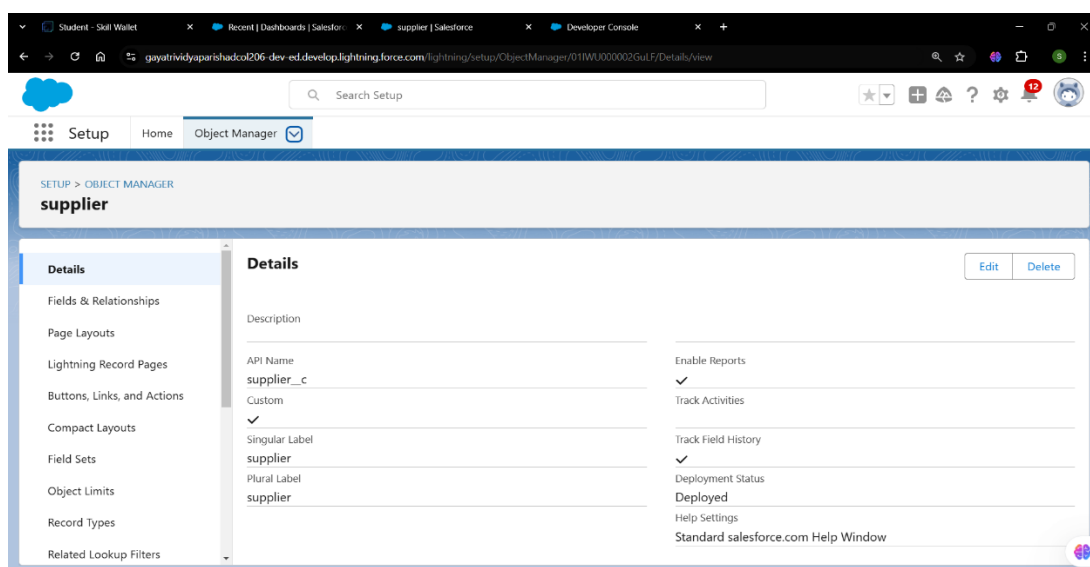
## Introduction:

### 1. Developer Account Creation and Activation



### 2. Object Creation

Creating objects of supplier, Consumer, rice mill and rice details.



Student - Skill Wallet Recent | Dashboards | Salesforce consumer | Salesforce Developer Console

gayatrividyaaparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011WU000002GsmUJ/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**consumer**

**Details**

Fields & Relationships  
Page Layouts  
Lightning Record Pages  
Buttons, Links, and Actions  
Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters

**Details**

Description

API Name  
consumer\_c

Custom

Singular Label  
consumer

Plural Label  
consumers

Enable Reports  
✓

Track Activities

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Edit Delete

Student - Skill Wallet Recent | Dashboards | Salesforce rice mill | Salesforce Developer Console

gayatrividyaaparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011WU000002GuMr/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**rice mill**

**Details**

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

**Details**

Description

API Name  
rice\_mill\_\_c

Custom

Singular Label  
rice mill

Plural Label  
rice mills

Enable Reports  
✓

Track Activities

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Edit Delete

Student - Skill WalletRecent | Dashboards | Salesforce | rice details | SalesforceDeveloper Console

gayatrividyaaparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IWU000002Gu1J/Details/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

rice details

Details

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

Details

Description

API Name

rice\_details\_\_c

Custom

✓

Singular Label

rice details

Plural Label

rice details

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

javascript:void(0)ules

### 3. Creating of tabs& Lighting app for CRM Application:

The screenshot shows the Salesforce Setup interface for Custom Tabs. The left sidebar contains a search bar with 'tabs' entered and a list of navigation items under 'User Interface', including 'Rename Tabs and Labels' and 'Tabs'. The main content area is titled 'Custom Tabs' and includes a 'Help for this Page' link. Below the title, there is a paragraph explaining that custom tabs can extend Salesforce functionality or build new application functionality. It further explains that Custom Object tabs look like standard tabs, Web tabs embed external web applications, and Visualforce tabs embed Visualforce pages. Below this text, there are three sections: 'Custom Object Tabs', 'Web Tabs', and 'Visualforce Tabs'. Each section has a 'New' button and a 'What is This?' link. The 'Custom Object Tabs' section contains a table with four rows of tabs: 'consumers', 'rice.details', 'rice.mills', and 'supplier'. Each row has an 'Action' column with 'Edit' and 'Del' links, a 'Label' column with the tab name, a 'Tab Style' column with a 'Box' style icon, and a 'Description' column. The 'Web Tabs' and 'Visualforce Tabs' sections both state 'No Web Tabs have been defined' and 'No Visualforce Tabs have been defined' respectively.

Action	Label	Tab Style	Description
<a href="#">Edit</a>   <a href="#">Del</a>	consumers	Box	
<a href="#">Edit</a>   <a href="#">Del</a>	rice.details	Box	
<a href="#">Edit</a>   <a href="#">Del</a>	rice.mills	Box	
<a href="#">Edit</a>   <a href="#">Del</a>	supplier	Box	

The screenshot shows the Salesforce Lightning App Builder settings page. The left sidebar contains a search bar and a list of navigation items under 'App Settings', including 'App Details & Branding', 'App Options', 'Utility Items (Desktop Only)', 'Navigation Items', and 'User Profiles'. The main content area is titled 'App Details & Branding' and includes a paragraph explaining that users should give their Lightning app a name and description, upload an image, and choose the highlight color for its navigation bar. Below this text, there are two sections: 'App Details' and 'App Branding'. The 'App Details' section contains three input fields: 'App Name' (with value 'MY RICE'), 'Developer Name' (with value 'MY\_RICE'), and 'Description' (with placeholder text 'Enter a description...'). The 'App Branding' section contains an 'Image' field with a logo, a 'Primary Color Hex Value' field (with value '#0070D2'), and a 'Clear' button. Below these fields, there is a 'Org Theme Options' section with a checkbox labeled 'Use the app's image and color instead of the org's custom theme'. At the bottom, there is an 'App Launcher Preview' section showing a preview of the app's navigation bar with the 'MY RICE' label.

## 4. Creating fields for the objects:

Student - Skill Wallet x Recent | Dashboards | Salesforce x consumer | Salesforce x Developer Console x +

gayatrividyparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IWU000002GsmU/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER  
consumer

Details

Fields & Relationships  
14 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

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	CreatedById	Lookup(User)		
email	email__c	Email		
First name	First_name__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Last name	Last_name__c	Text(50)		
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(5, 0)		
Rice type	Rice_type__c	Picklist		

Student - Skill Wallet x Recent | Dashboards | Salesforce x supplier | Salesforce x Developer Console x +

gayatrividyparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IWU000002GulF/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER  
supplier

Details

Fields & Relationships  
5 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

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

Student - Skill WalletRecent | Dashboards | Salesforrice mill | SalesforceDeveloper Console

gayatrividaparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IWU000002GuMr/FieldsAndRelationships/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

rice mill

Details

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

Fields & Relationships

7 Items, Sorted by Field Label

Q Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
rice distributed to shops	rice_distributed_to_shops__c	Roll-Up Summary (SUM rice details)		
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)		

https://gayatrividaparishadcol206-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/01IWU000002GuMr/FieldsAndRelationships/view

Student - Skill WalletRecent | Dashboards | Salesforrice details | SalesforceDeveloper Console

gayatrividaparishadcol206-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IWU000002GuTJ/FieldsAndRelationships/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

rice details

Details

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

Fields & Relationships

6 Items, Sorted by Field Label

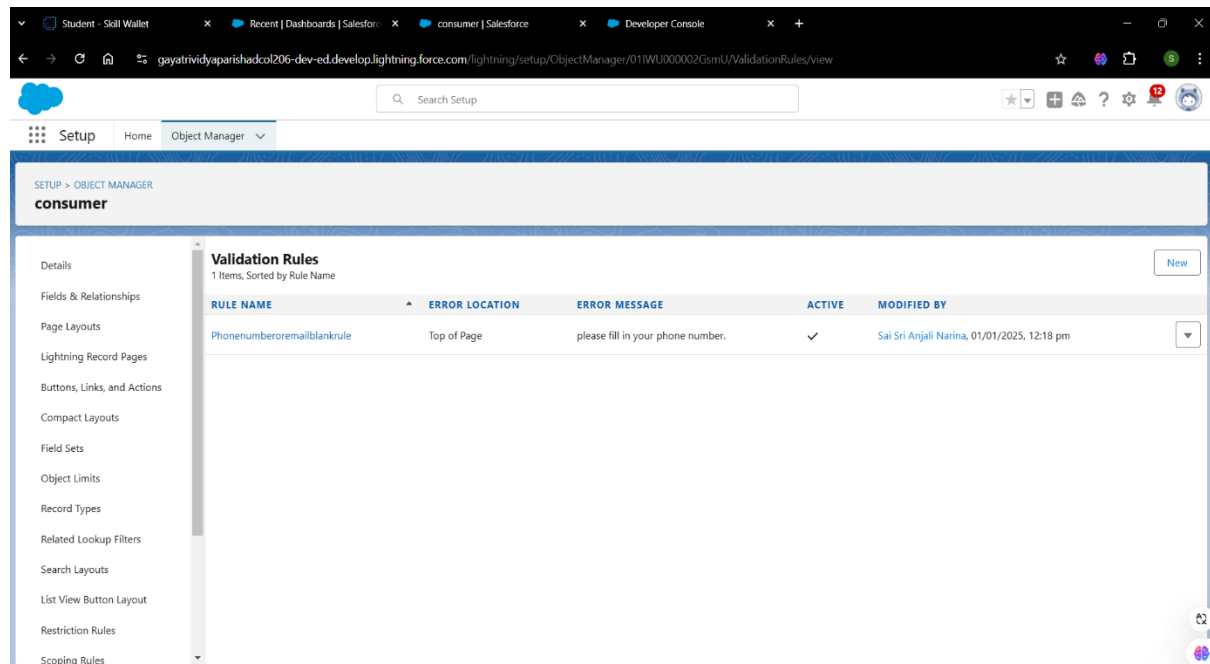
Q Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
rice details Name	Name	Auto Number		✓
rice distributed	rice_distributed__c	Number(5, 0)		
rice mill 1(one)	rice_mill_1_one__c	Master-Detail(rice mill)		✓
supplier Name	supplier_Name__c	Master-Detail(supplier)		✓

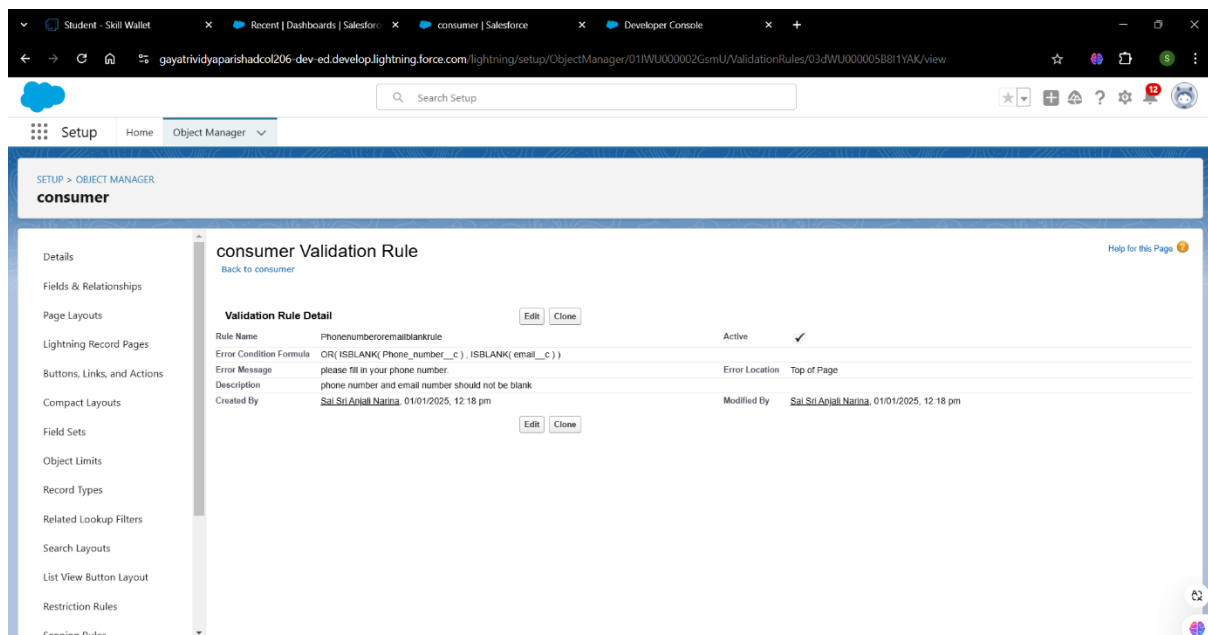
https://gayatrividaparishadcol206-dev-ed.develop.lightning.force.com/one/one.app#/setup...

## 5. Validation Rules:



This screenshot shows the Salesforce Setup interface for the 'consumer' org. The left sidebar lists various setup options, with 'Validation Rules' selected. The main content area displays a table of validation rules. One rule, 'Phonenumberoremailblankrule', is listed with its error location as 'Top of Page' and its error message as 'please fill in your phone number.'.

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Phonenumberoremailblankrule	Top of Page	please fill in your phone number.	✓	Sai Sri Anjali Narina, 01/01/2025, 12:18 pm

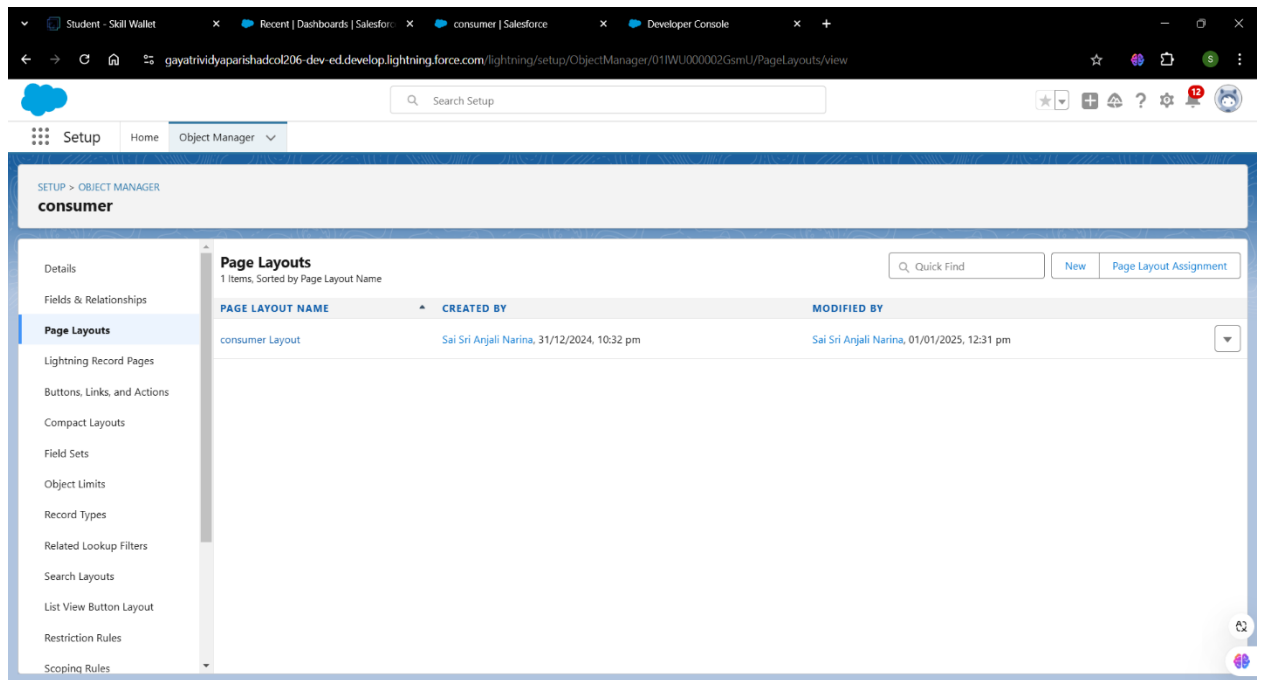


This screenshot shows the 'Validation Rule Detail' page for the 'consumer Validation Rule'. It provides a detailed view of the rule's configuration, including its name, error condition formula, error message, error location, and the user who created and modified it.

Validation Rule Detail	
Rule Name	Phonenumberoremailblankrule
Error Condition Formula	OR( ISBLANK( Phone_number__c ), ISBLANK( email__c ) )
Error Message	please fill in your phone number.
Description	phone number and email number should not be blank.
Created By	Sai Sri Anjali Narina, 01/01/2025, 12:18 pm
Modified By	Sai Sri Anjali Narina, 01/01/2025, 12:18 pm

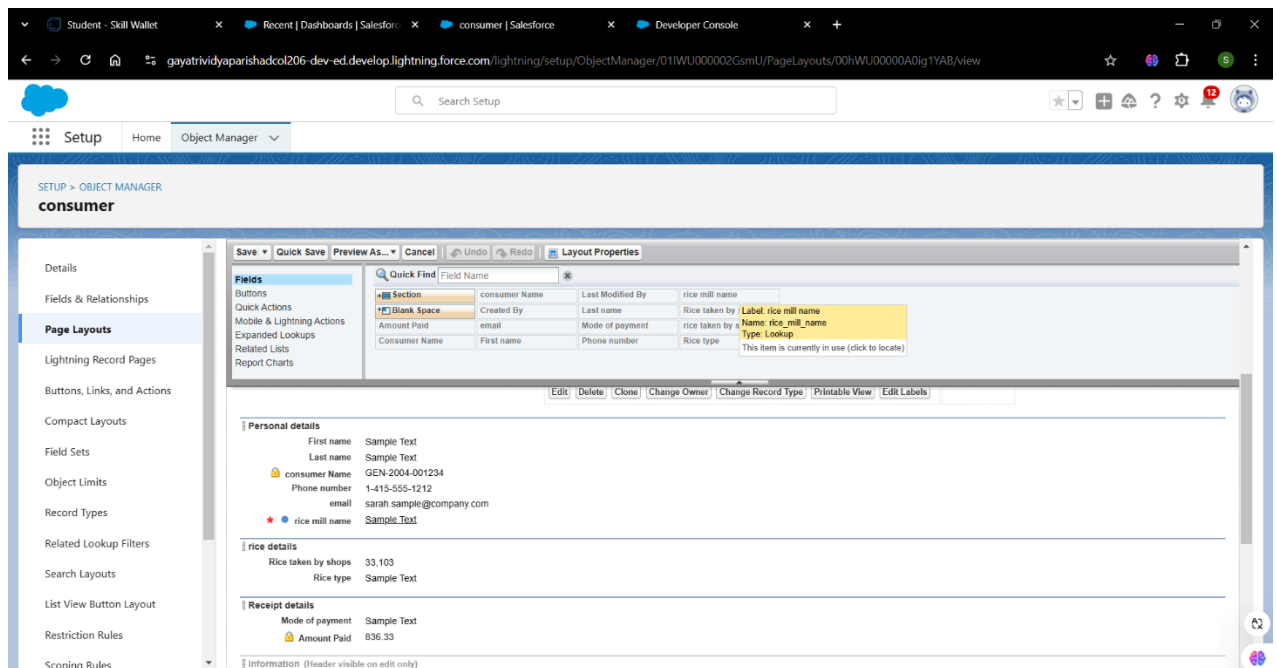


## 6. Page Layout



The screenshot shows the Salesforce Setup interface for the 'consumer' object. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts (selected), 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, and Scoping Rules. The main content area is titled 'Page Layouts' and shows a list of 1 item, sorted by Page Layout Name. The table has columns for PAGE LAYOUT NAME, CREATED BY, and MODIFIED BY. The only item listed is 'consumer Layout', created by 'Sai Sri Anjali Narina' on 31/12/2024 at 10:32 pm, and modified by 'Sai Sri Anjali Narina' on 01/01/2025 at 12:31 pm. There are buttons for 'New' and 'Page Layout Assignment' in the top right corner.

PAGE LAYOUT NAME	CREATED BY	MODIFIED BY
consumer Layout	Sai Sri Anjali Narina, 31/12/2024, 10:32 pm	Sai Sri Anjali Narina, 01/01/2025, 12:31 pm



The screenshot shows the 'Layout Properties' window for the 'consumer Layout'. The window has a 'Fields' tab selected, showing a list of fields and their properties. The fields are organized into sections: Personal details, Rice details, and Receipt details. The 'Fields' list includes fields like consumer Name, Last name, First name, Amount Paid, email, Consumer Name, First name, Phone number, Rice type, and rice mill name. The 'Layout Properties' window also shows a 'Quick Find' field and a 'Field Name' dropdown. The 'Fields' list is organized into sections: Personal details, Rice details, and Receipt details. The 'Fields' list includes fields like consumer Name, Last name, First name, Amount Paid, email, Consumer Name, First name, Phone number, Rice type, and rice mill name. The 'Layout Properties' window also shows a 'Quick Find' field and a 'Field Name' dropdown.

Section	Field Name	Created By	Last Modified By	Field Type
Personal details	consumer Name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	Last name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	First name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	Amount Paid	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	email	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	Consumer Name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	First name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Personal details	Phone number	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Rice details	Rice type	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Rice details	rice mill name	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Receipt details	Mode of payment	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text
Receipt details	Amount Paid	Sai Sri Anjali Narina	Sai Sri Anjali Narina	Text

## 7. Profile Creations

The screenshot shows the Salesforce Setup interface for the 'owner' profile. The left sidebar includes a search bar for 'profiles' and a 'Users' section with a 'Profiles' link. The main content area is titled 'Profiles' and includes a 'Profile owner' section. Below this, there is a list of permissions and a 'Page Layouts' section. The 'Page Layouts' section is divided into 'Standard Object Layouts' and 'Custom Object Layouts'. The 'Standard Object Layouts' section includes a table with columns for 'Object', 'Layout', and 'View Assignment'. The 'Custom Object Layouts' section includes a table with columns for 'Object', 'Layout', and 'View Assignment'.

**Profile owner**

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Login IP Ranges (0) | Enabled Apex Class Access (0) | Enabled Visualforce Page Access (0) | Enabled External Data Source Access (0) | Enabled Named Credential Access (0) | Enabled External Credential Principal Access (0) | Enabled Custom Metadata Type Access (0) | Enabled Custom Setting Definitions Access (0) | Enabled Flow Access (0) | Enabled Service Presence Status Access (0) | Enabled Custom Permissions (0)

**Profile Detail** [Edit](#) [Clone](#) [Delete](#) [View Users](#)

Name	owner	Custom Profile	✓
User License	Salesforce		
Description			
Created By	Sai Sri Anjali Narina	Modified By	Sai Sri Anjali Narina
	01/01/2025, 12:38 pm		01/01/2025, 12:40 pm

**Page Layouts**

Standard Object Layouts	Global	Global Layout	[View Assignment]	Invoice	Invoice Layout	[View Assignment]
Email Application	Not Assigned	[View Assignment]		Invoice Line	Invoice Line Layout	[View Assignment]
Home Page Layout	DE Default	[View Assignment]		Lead	Lead Layout	[View Assignment]
Account	Account Layout	[View Assignment]		Legal Entity	Legal Entity Layout	[View Assignment]
Alternative Payment Method	Alternative Payment Method Layout	[View Assignment]		Location	Location Layout	[View Assignment]
Appointment Institution	Appointment Institution Layout			Location Group	Location Group Layout	

The screenshot shows the Salesforce Setup interface for the 'employer' profile. The left sidebar includes a search bar for 'profiles' and a 'Users' section with a 'Profiles' link. The main content area is titled 'Profiles' and includes a 'Profile employer' section. Below this, there is a list of permissions and a 'Page Layouts' section. The 'Page Layouts' section is divided into 'Standard Object Layouts' and 'Custom Object Layouts'. The 'Standard Object Layouts' section includes a table with columns for 'Object', 'Layout', and 'View Assignment'. The 'Custom Object Layouts' section includes a table with columns for 'Object', 'Layout', and 'View Assignment'.

**Profile employer**

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Login IP Ranges (0) | Enabled Apex Class Access (0) | Enabled Visualforce Page Access (0) | Enabled External Data Source Access (0) | Enabled Named Credential Access (0) | Enabled External Credential Principal Access (0) | Enabled Custom Metadata Type Access (0) | Enabled Custom Setting Definitions Access (0) | Enabled Flow Access (0) | Enabled Service Presence Status Access (0) | Enabled Custom Permissions (0)

**Profile Detail** [Edit](#) [Clone](#) [Delete](#) [View Users](#)

Name	employer	Custom Profile	✓
User License	Salesforce Platform		
Description			
Created By	Sai Sri Anjali Narina	Modified By	Sai Sri Anjali Narina
	01/01/2025, 12:40 pm		01/01/2025, 12:43 pm

**Page Layouts**

Standard Object Layouts	Global	Global Layout	[View Assignment]	Fulfillment Order Item Tax	Fulfillment Order Item Tax Layout	[View Assignment]
Email Application	Not Assigned	[View Assignment]		Fulfillment Order Product	Fulfillment Order Product Layout	[View Assignment]
Home Page Layout	Home Page Default	[View Assignment]		Idea	Idea Layout	[View Assignment]
Account	Account Layout	[View Assignment]		Individual	Individual Layout	[View Assignment]
Alternative Payment Method	Alternative Payment Method Layout	[View Assignment]		Invoice	Invoice Layout	[View Assignment]
Appointment Institution	Appointment Institution Layout			Location Group	Location Group Layout	

The screenshot shows the Salesforce Setup interface. The top navigation bar includes links for Student - Skill Wallet, Recent, Dashboards, Salesforc, Profiles | Salesforc, Developer Console, and a search bar. The main content area is titled 'Setup Profiles' and shows the profile for a user named 'worker'. The profile details include the user's name, user license (Salesforce Platform), description, and creation/modification dates. Below the details, there is a section for 'Page Layouts' showing the standard object layouts for the profile.

**Setup Profiles**

Profile: **worker**

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

[Login IP Ranges](#) | [Enabled Apex Class Access](#) | [Enabled Visualforce Page Access](#) | [Enabled External Data Source Access](#) | [Enabled Named Credential Access](#) | [Enabled External Credential Principal Access](#) | [Enabled Custom Metadata Type Access](#) | [Enabled Custom Setting Definitions Access](#) | [Enabled Flow Access](#) | [Enabled Service Presence Status Access](#) | [Enabled Custom Permissions](#)

**Profile Detail**

Name	worker	Custom Profile	✓
User License	Salesforce Platform		
Description			
Created By	<a href="#">Sai Sri Anjali Narina</a> 01/01/2025, 12:43 pm	Modified By	<a href="#">Sai Sri Anjali Narina</a> 01/01/2025, 12:44 pm

**Page Layouts**

**Standard Object Layouts**

Global	Global Layout	Fulfillment Order Item Tax	Fulfillment Order Item Tax Layout
Email Application	Not Assigned	Fulfillment Order Product	Fulfillment Order Product Layout
Home Page Layout	Home Page Default	Idea	Varies by Record Type
Account	Account Layout	Individual	Individual Layout
Alternative Payment Method	Alternative Payment Method Layout	Invoice	Invoice Layout

## 8. Roles

[illegible]

## 9. Users

Student - Skill Wallet

Recent | Dashboards | Salesforce

Users | Salesforce

Developer Console

goyatrividyaaparishadco106-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/home

Search Setup

Setup

Home

Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Didn't find what you're looking for?

Try using Global Search.

SETUP

Users

All Users

Help for this Page

On this page you can create, view, and manage users.

To get more licenses, use the Your Account app. [Let's Go](#)

View: All Users

Edit

Create New User

New User

Reset Password(s)

Add Multiple Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	<a href="#">Edit</a> Chatter Expert	Chatter	chatty.00dwu00000f43h2ab.odfrwkt3vkm@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>	<a href="#">Edit</a> Narina Sai Sri Anjali	SNari	saasriarajalinarina@gvp.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>	<a href="#">Edit</a> raj_ragu	rraj	ragu1234@321gmail.com	worker	<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/>	<a href="#">Edit</a> ram_ram	rram	ram1234@321gmail.com	employer	<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/>	<a href="#">Edit</a> User_Integration	integ	integration@60dwu00000f43h2ab.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	<a href="#">Edit</a> User_Security	sec	insightssecurity@90dwu00000f43h2ab.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User
<input type="checkbox"/>	<a href="#">Edit</a> y_vicky	YV	vicky1234@321gmail.com	owner	<input checked="" type="checkbox"/>	owner

New User

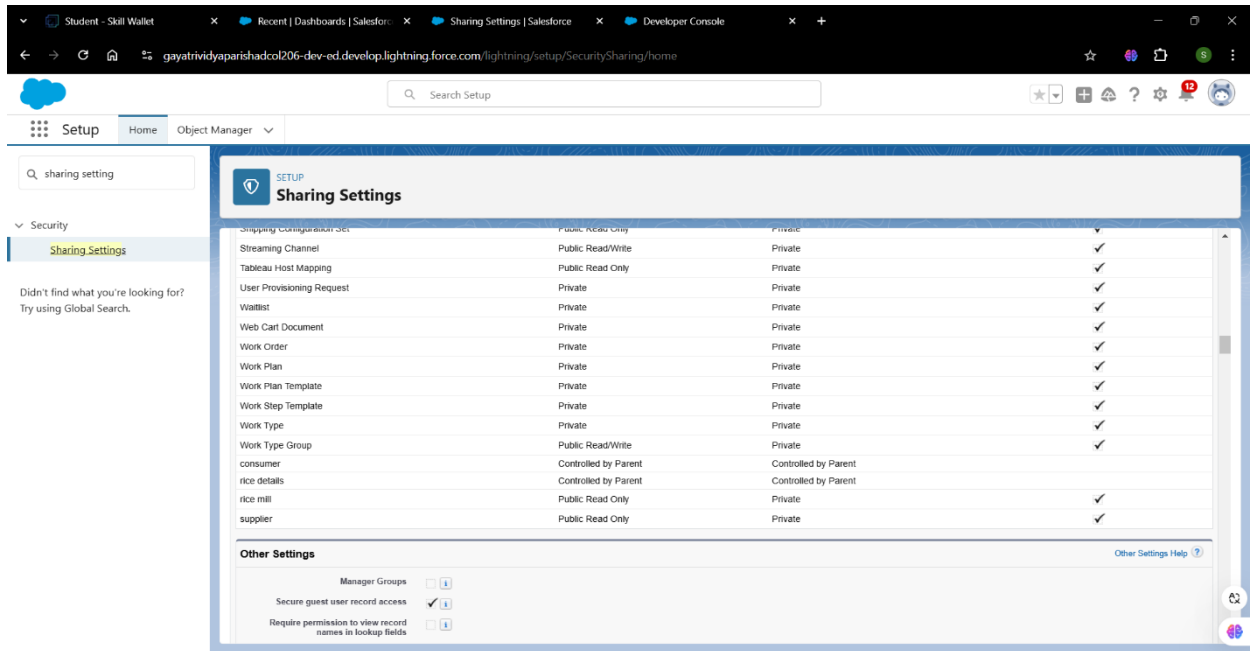
Reset Password(s)

Add Multiple Users

ABCDEFGHIJKLMNOPQRSTUVWXYZ Other

1

## 10. Sharing Settings



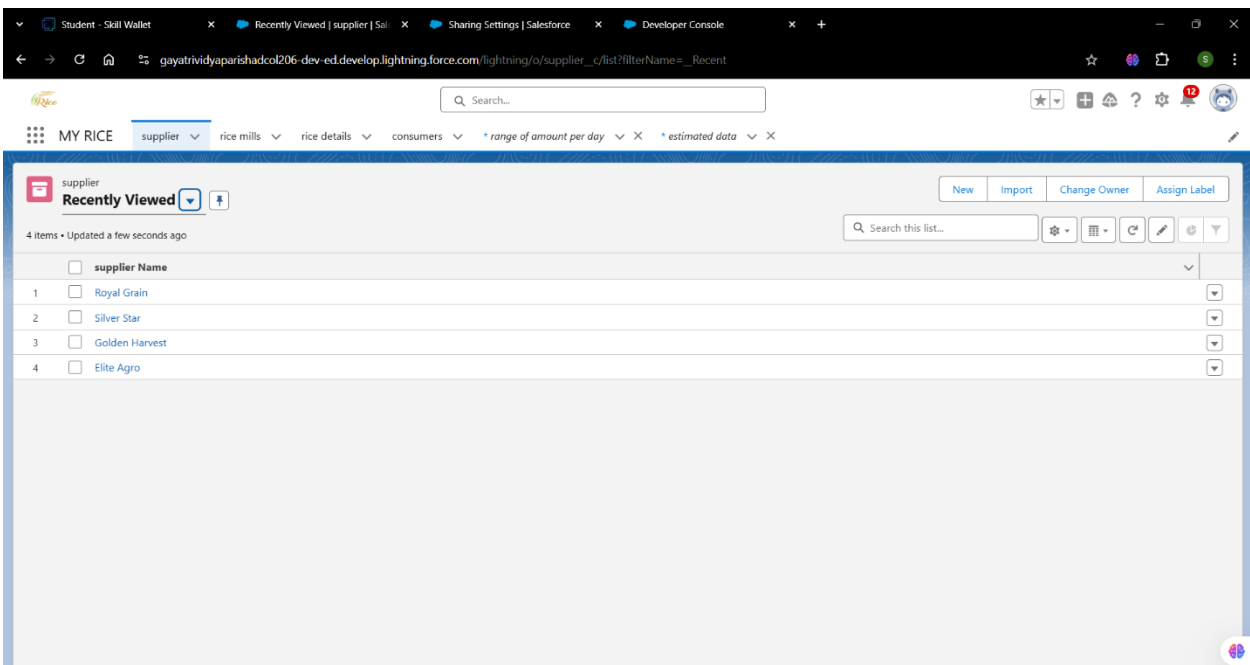
The screenshot shows the Salesforce Setup page for Sharing Settings. The left sidebar contains the Setup menu with 'Sharing Settings' selected under the Security section. The main content area displays a table of sharing settings for various objects. The table has three columns: Object Name, Sharing Model, and Sharing Settings. The 'Other Settings' section at the bottom includes checkboxes for 'Manager Groups', 'Secure guest user record access', and 'Require permission to view record names in lookup fields'.

Object Name	Sharing Model	Sharing Settings
Shipping Configuration	Public Read Only	Private
Streaming Channel	Public Read/Write	Private
Tableau Host Mapping	Public Read Only	Private
User Provisioning Request	Private	Private
Wattlist	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**

- Manager Groups ☐
- Secure guest user record access ☒
- Require permission to view record names in lookup fields ☐

## 11. Application its Outputs and codes



The screenshot shows the Salesforce 'Recently Viewed' list for the 'supplier' object. The list displays 4 items, updated a few seconds ago. The items are listed in a table with columns for 'supplier Name' and a dropdown menu. The items are: 1. Royal Grain, 2. Silver Star, 3. Golden Harvest, and 4. Elite Agro.

supplier Name
1. Royal Grain
2. Silver Star
3. Golden Harvest
4. Elite Agro

Student - Skill Wallet x Recently Viewed | rice mills | Sales | Sharing Settings | Salesforce x Developer Console x +

gayatrividyaaparishadcol206-dev-ed.develop.lightning.force.com/lightning/o/rice\_mill\_c/list?filterName=\_\_Recent

MY RICE supplier rice mills rice details consumers \* range of amount per day \* estimated data

rice mills

Recently Viewed

7 items • Updated a few seconds ago

Search this list...

	rice mill Name	
1	rice-005	
2	rice-003	
3	rice-004	
4	rice-007	
5	rice-006	
6	rice-002	
7	rice-001	

Student - Skill Wallet x Recently Viewed | rice details | Sales | Sharing Settings | Salesforce x Developer Console x +

gayatrividyaaparishadcol206-dev-ed.develop.lightning.force.com/lightning/o/rice\_details\_c/list?filterName=\_\_Recent

MY RICE supplier rice mills rice details consumers \* range of amount per day \* estimated data

rice details

Recently Viewed

5 items • Updated a few seconds ago

Search this list...

	rice details Name	
1	rice-005	
2	rice-004	
3	rice-003	
4	rice-002	
5	rice-001	

Student - Skill WalletRecently Viewed | consumers |Sharing Settings | SalesforceDeveloper Console

gayatrividyparishadcol206-dev-ed.develop.lightning.force.com/lightning/o/consumer\_c/list?filterName=\_\_Recent

Search...

MY RICE

supplierrice millsrice detailsconsumersrange of amount per dayestimated data

consumers

Recently Viewed

NewImportAssign Label

7 items • Updated a few seconds ago

Search this list...

consumer Name

1 consumers-007

2 consumers-006

3 consumers-005

4 consumers-004

5 consumers-003

6 consumers-002

7 consumers-001

Student - Skill WalletRecent | Reports | SalesforceSharing Settings | SalesforceDeveloper Console

gayatrividyparishadcol206-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mrw

Search...

MY RICE

supplierrice millsrice detailsconsumersrange of amount per dayestimated data

Reports

Recent

Search recent reports...

New ReportNew Folder

1 item

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	range of amount per day		estimated rice per day	Sai Sri Anjali Narina	1/1/2025, 1:37 pm	✓

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Student - Skill Wallet

range of amount per day | Sale

Sharing Settings | Salesforce

Developer Console

[←](#)
[→](#)
[↺](#)
[↻](#)

[🔍](#)
[🏠](#)
[🔗](#)
[🔧](#)

[🔍](#)
[🔗](#)
[🔧](#)

🔍

Search...

★

+

🔗

?

⚙️

🔔

👤

MY RICE

supplier

rice mills

rice details

consumers

range of amount per day

estimated data

🔍

+

🔗

?

⚙️

🔔

👤

📊

Report: rice mills with consumers

range of amount per day

Enable Field Editing

🔍

Add Chart

🔽

🔄

Edit

Total Records

7

Total rice price/kg

430

Total Amount Paid

2,495.00

<input type="checkbox"/> Rice taken by shops	consumer: consumer Name	Rice type	rice price/kg	Mode of payment	Amount Paid
<input type="checkbox"/> 1 (1)	consumers-001	basmati	80	LPI	80.00
Subtotal			80		80.00
<input type="checkbox"/> 2 (1)	consumers-002	normal rice	100	Net banking	200.00
Subtotal			100		200.00
<input type="checkbox"/> 4 (1)	consumers-004	basmati	85	LPI	340.00
Subtotal			85		340.00
<input type="checkbox"/> 5 (2)	consumers-007	normal rice	90	LPI	450.00
	consumers-003	basmati	90	Credit card	450.00
Subtotal			90		900.00
<input type="checkbox"/> 6 (1)	consumers-005	normal rice	75	Cash	450.00
Subtotal			75		450.00
<input type="checkbox"/> 7 (1)	consumers-006	normal rice	75	Debit card	525.00
Subtotal			75		525.00
Total (7)			430		2,495.00

Row Counts

Detail Rows

Subtotals

Grand Total

Student - Skill Wallet

Recent | Dashboards | Salesforce

Sharing Settings | Salesforce

Developer Console

[←](#)
[→](#)
[↺](#)
[↻](#)

[🔍](#)
[🏠](#)
[🔗](#)
[🔧](#)

[🔍](#)
[🔗](#)
[🔧](#)

🔍

Search...

★

+

🔗

?

⚙️

🔔

👤

MY RICE

supplier

rice mills

rice details

consumers

range of amount per day

estimated data

🔍

+

🔗

?

⚙️

🔔

👤

Dashboards

Recent

1 item

🔍

Search recent dashboards...

New Dashboard

New Folder

⚙️

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	estimated data	total amount of data in dashboards	amount data dashboard	Sai Sri Anjali Narina	1/1/2025, 5:27 pm	

Created by Me

Private Dashboards

All Dashboards

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

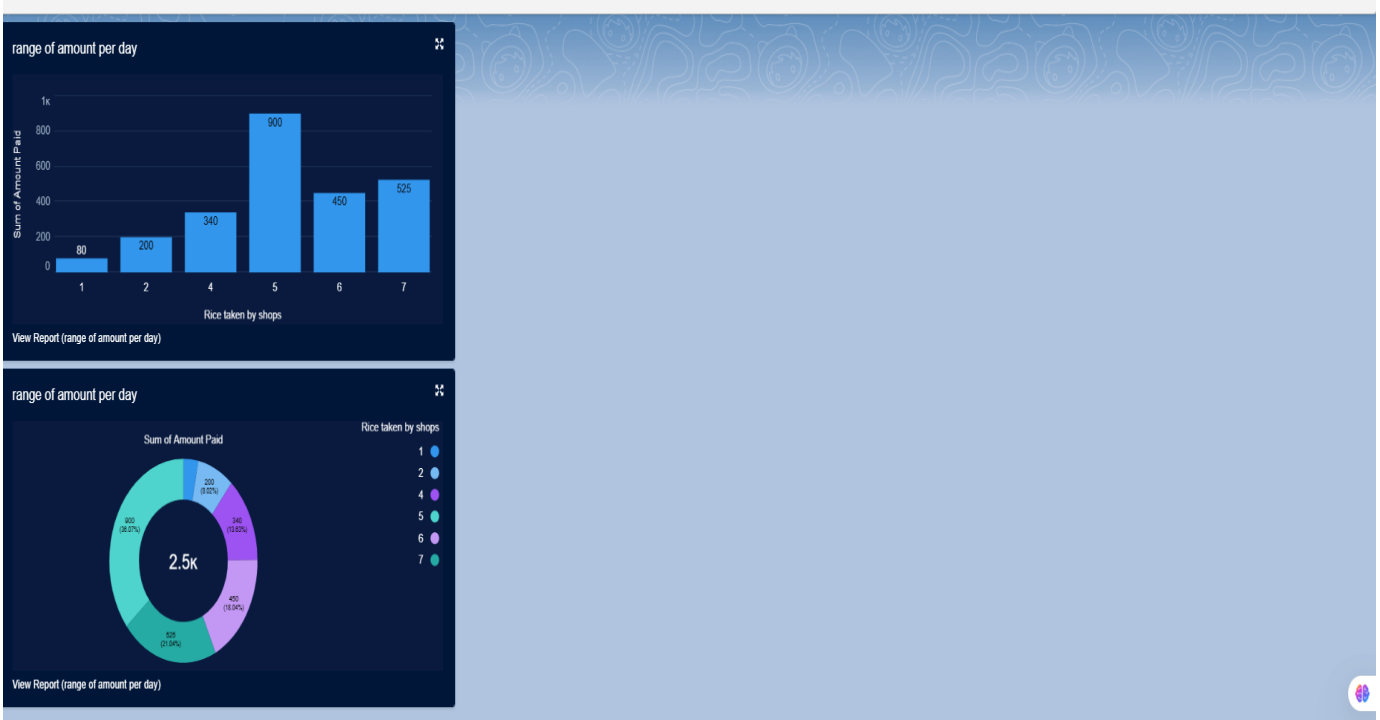
All Favorites

https://gayatrividyaparishadcol206-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home

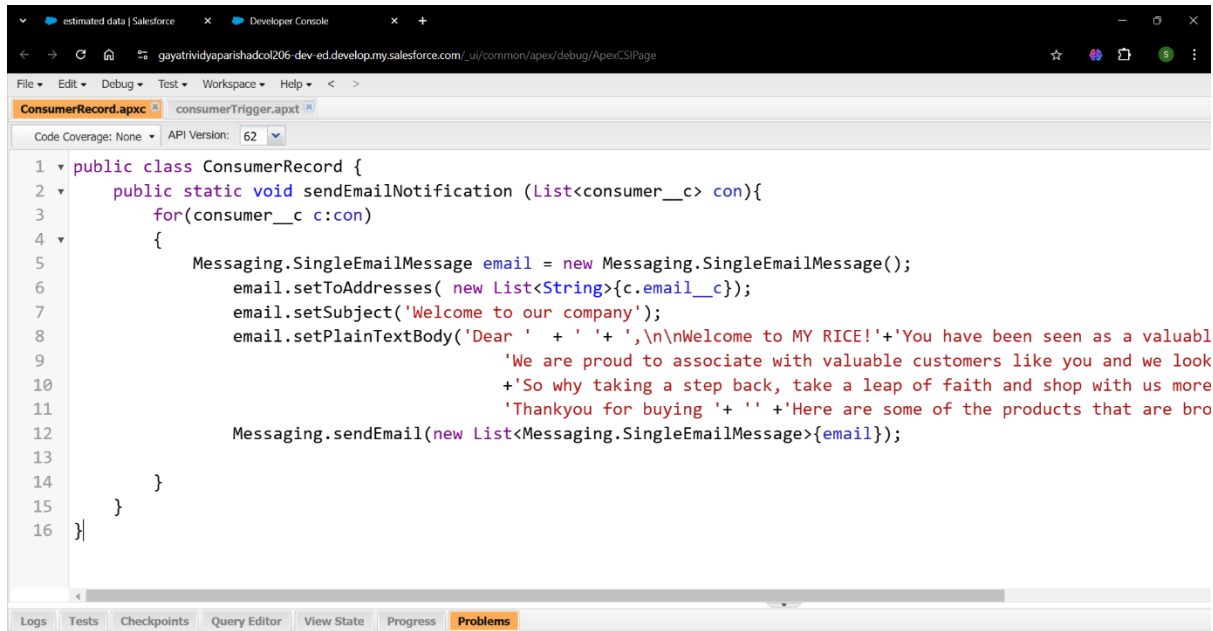


Dashboard  
**estimated data**  
total amount of data in dashboards  
As of 02-Jan-2025, 10:00 pm Viewing as Sai Sri Anjali Narina

Refresh Edit Subscribe

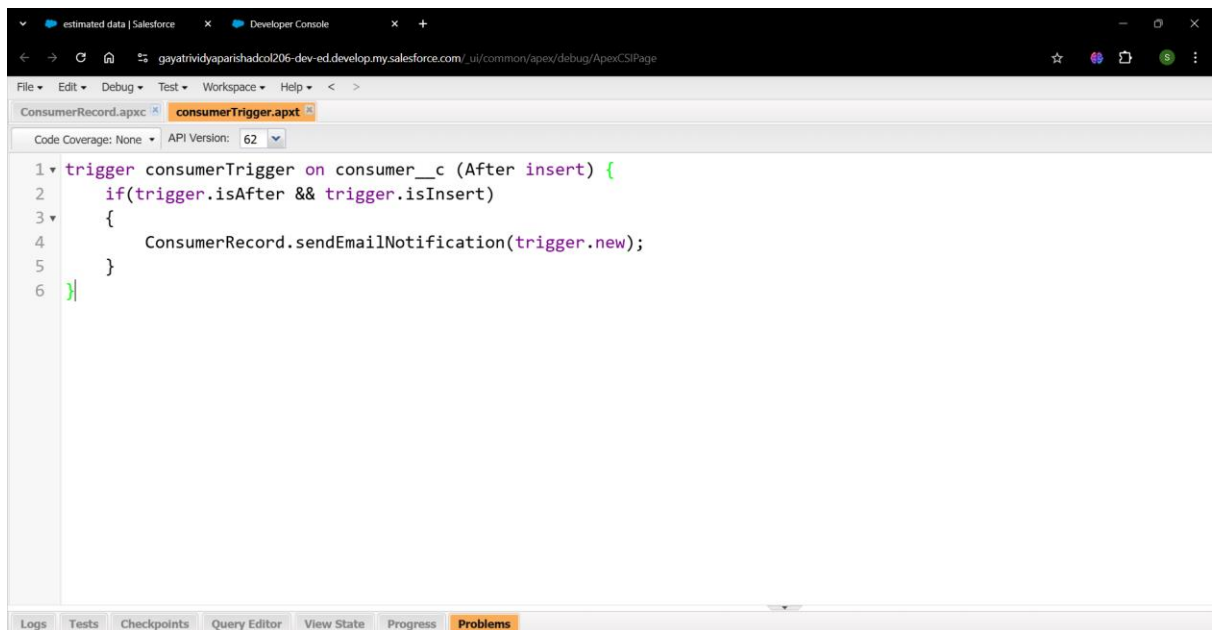


## 12. Apex Class and Trigger



The screenshot shows the Salesforce Developer Console with the file `ConsumerRecord.apxc` open. The code defines a public class `ConsumerRecord` with a static method `sendEmailNotification` that takes a list of `consumer__c` objects. The method iterates over the list and sends a single email message to each consumer. The email subject is 'Welcome to our company' and the body is a personalized welcome message.

```
1 public class ConsumerRecord {
2     public static void sendEmailNotification (List<consumer__c> con){
3         for(consumer__c c:con)
4         {
5             Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
6             email.setToAddresses( new List<String>{c.email__c});
7             email.setSubject('Welcome to our company');
8             email.setPlainTextBody('Dear ' + ' ' + ',\n\nWelcome to MY RICE!'+'You have been seen as a valuabl
9             'We are proud to associate with valuable customers like you and we look
10            '+So why taking a step back, take a leap of faith and shop with us more
11            'Thankyou for buying ' + ' ' +'Here are some of the products that are bro
12            Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{email});
13        }
14    }
15 }
16 }
```



The screenshot shows the Salesforce Developer Console with the file `consumerTrigger.apxt` open. The code defines a trigger `consumerTrigger` on the `consumer__c` object, which fires after insert. The trigger calls the `sendEmailNotification` method of the `ConsumerRecord` class.

```
1 trigger consumerTrigger on consumer__c (After insert) {
2     if(trigger.isAfter && trigger.isInsert)
3     {
4         ConsumerRecord.sendEmailNotification(trigger.new);
5     }
6 }
```