

A CRM APPLICATION FOR WHOLESALE RICEMILL

A DETAILED DOCUMENT OF THIS PROJECT

By

Adari Sri Hari Yaswanth

MVGR college of engineering

PROJECT OVERVIEW :

The Rice Mill CRM Application is a comprehensive solution designed to streamline and simplify how much rice per day, how many were sold that rice and which type of rice all reports send to owners daily wise. It leverages the power of customer relationship management (CRM) to enhance customer experiences, optimize store operations, and improve overall efficiency in the rice mill factory. This project aims to develop a user friendly and feature-rich application that addresses the specific needs of a rice mill factory.

1.Developer Account Creation and Activation

Setup

Home

Object Manager

Object Manager

51+ Items, Sorted by Label

LABEL	API NAME	TYPE	DESCRIPTION
Account	Account	Standard Object	
Activity	Activity	Standard Object	
Address	Address	Standard Object	
Alternative Payment Method	AlternativePaymentMethod	Standard Object	
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object	
Appointment Category	AppointmentCategory	Standard Object	
Appointment Invitation	AppointmentInvitation	Standard Object	
Appointment Invitee	AppointmentInvitee	Standard Object	
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object	

Adari SriHariYaswanth

mygrcollegeofengineerin-15a-dev-ed.develo...

Settings Log Out

USERNAMES

sscreenflow@fundamental.com

fundamentalcom-2e-dev-ed.develop.my.salesforce.com

yash@yash77.com

yash77com-dev-ed.develop.my.salesforce.com

yash@yash78.com

yash78com-dev-ed.develop.my.salesforce.com

DISPLAY DENSITY

Comfy

Compact

OPTIONS

Switch to Salesforce Classic

Add Username

2.Object Creation

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

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

supplier

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

supplier__c

Custom

✓

Singular Label

supplier

Plural Label

suppliers

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status


Deployed

Help Settings








Standard salesforce.com Help Window

Edit

Delete



Search Setup



SetupHomeObject 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

EditDelete



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

Details

Description

API Name
rice_mill_c

Custom
✓

Singular Label
rice mill

Plural Label
rice mills

Enable Reports
✓

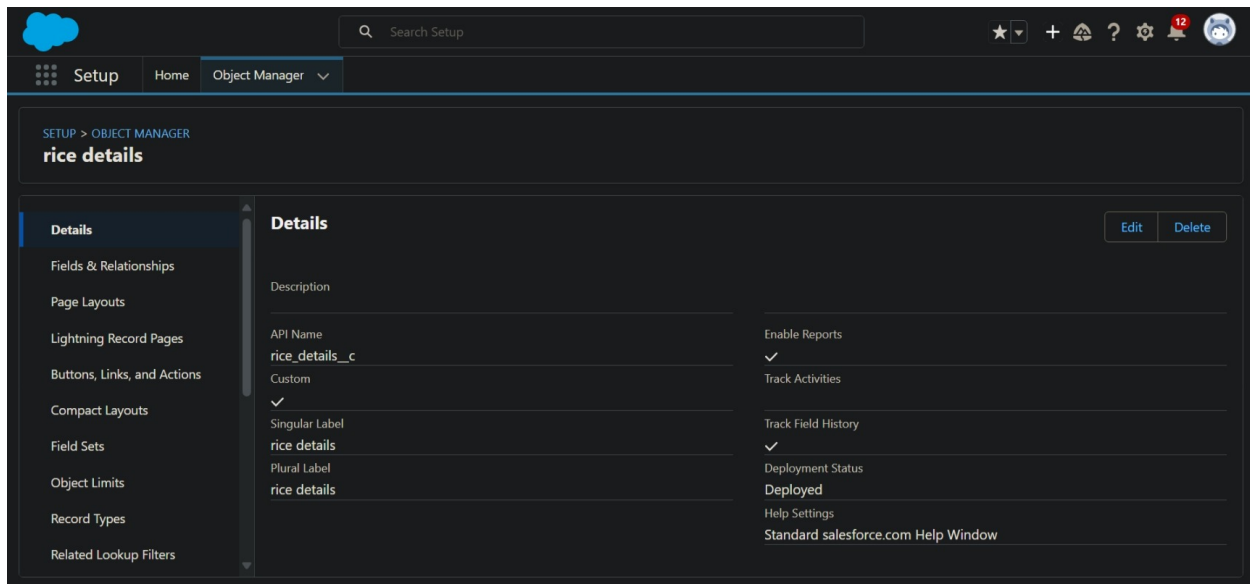
Track Activities

Track Field History
✓

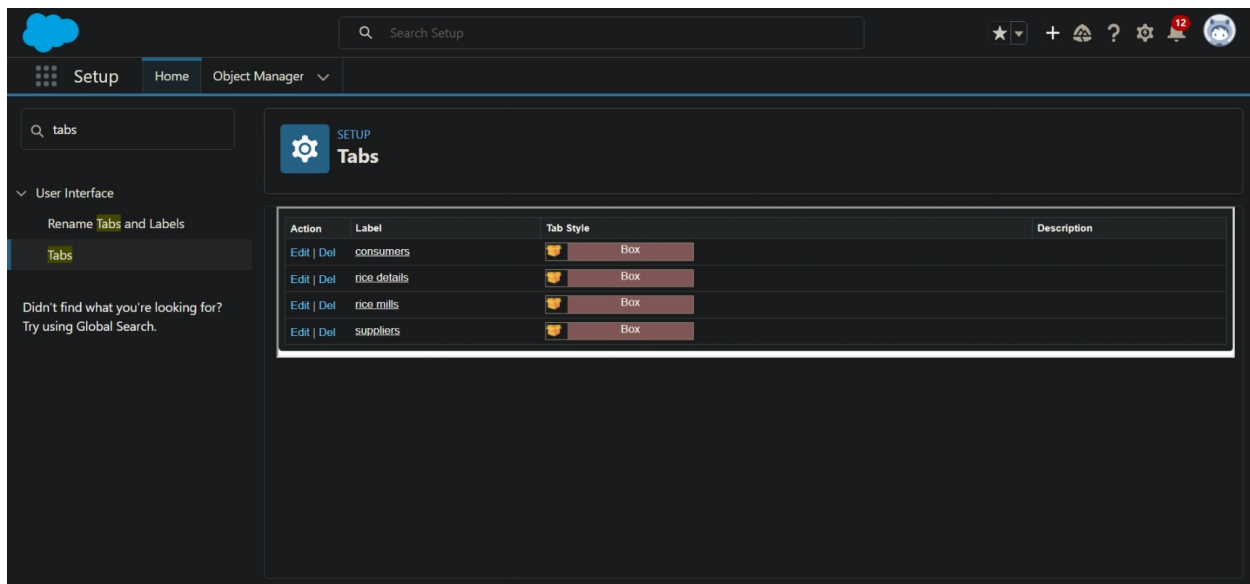
Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

EditDelete



3.Creating of tabs& Lightning app for CRM Application:



Lightening app :

Lightning App Builder
App Settings
Pages
LightningInstrumentation
Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name [?]

* Developer Name [?]

Description [?]

App Branding

Image [?]

Primary Color Hex Value [?]

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

LightningInstrumentation
View Adoption and Usage Metrics for Lightning Experience

4. Creating fields for the objects :

★
+
?
⚙️
12

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
Search Layouts
List View Button Layout

Fields & Relationships

14 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount Paid	Amount_Paid__c	Formula (Number)		<input type="button" value="v"/>
Consumer Name	Consumer_Name__c	Formula (Text)		<input type="button" value="v"/>
consumer Name	Name	Auto Number		<input checked="" type="checkbox"/> <input type="button" value="v"/>
Created By	CreatedById	Lookup(User)		
email	email__c	Email		<input type="button" value="v"/>
First name	First_name__c	Text(18)		<input type="button" value="v"/>
Last Modified By	LastModifiedById	Lookup(User)		
Last name	Last_name__c	Text(18)		<input type="button" value="v"/>

Setup

Home

Object Manager

Search Setup

★

+

?

⚙️

12

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

Search Layouts

List View Button Layout

Fields & Relationships

14 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Last Modified By	LastModifiedById	Lookup(User)	
Last name	Last_name__c	Text(18)	
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	

Setup

Home

Object Manager

Search Setup

★

+

?

⚙️

12

SETUP > OBJECT MANAGER

supplier

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

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	CreatedBy	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)		✓

★ + ? ⚙️ 12

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

Fields & Relationships
7 Items, Sorted by Field Label
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)		✓
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)		

★ + ? ⚙️ 12

Setup
Home
Object 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

Fields & Relationships
7 Items, Sorted by Field Label
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)		
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 Names	supplier_Names_c	Number(5, 0)		
supplier Name	supplier_Name_c	Master-Detail(supplier)		✓

5.validation rules:

Setup

Home

Object Manager

Search Setup

★

+

?

12

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

Search Layouts

List View Button Layout

Validation Rules

1 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Phonenumberoremailblankrule	Top of Page	please fill in your phone number.	✓	Adari SriHariYaswanth, 22/12/2024, 12:32 pm

6. page Layout :

Setup

Home

Object Manager

Search Setup

★

+

?

12

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

Search Layouts

List View Button Layout

Page Layouts

2 Items, Sorted by Page Layout Name

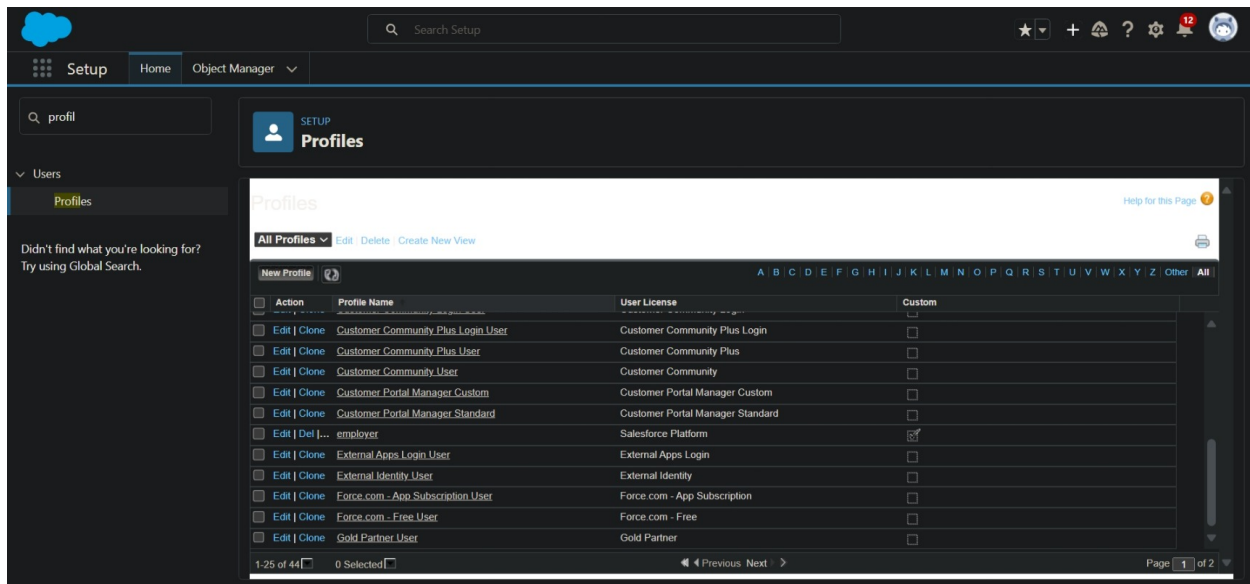
Quick Find

New

Page Layout Assignment

PAGE LAYOUT NAME	CREATED BY	MODIFIED BY
consumer Layout	Adari SriHariYaswanth, 21/12/2024, 12:43 pm	Adari SriHariYaswanth, 22/12/2024, 1:30 pm
consumerlayout	Adari SriHariYaswanth, 22/12/2024, 12:39 pm	Adari SriHariYaswanth, 22/12/2024, 12:55 pm

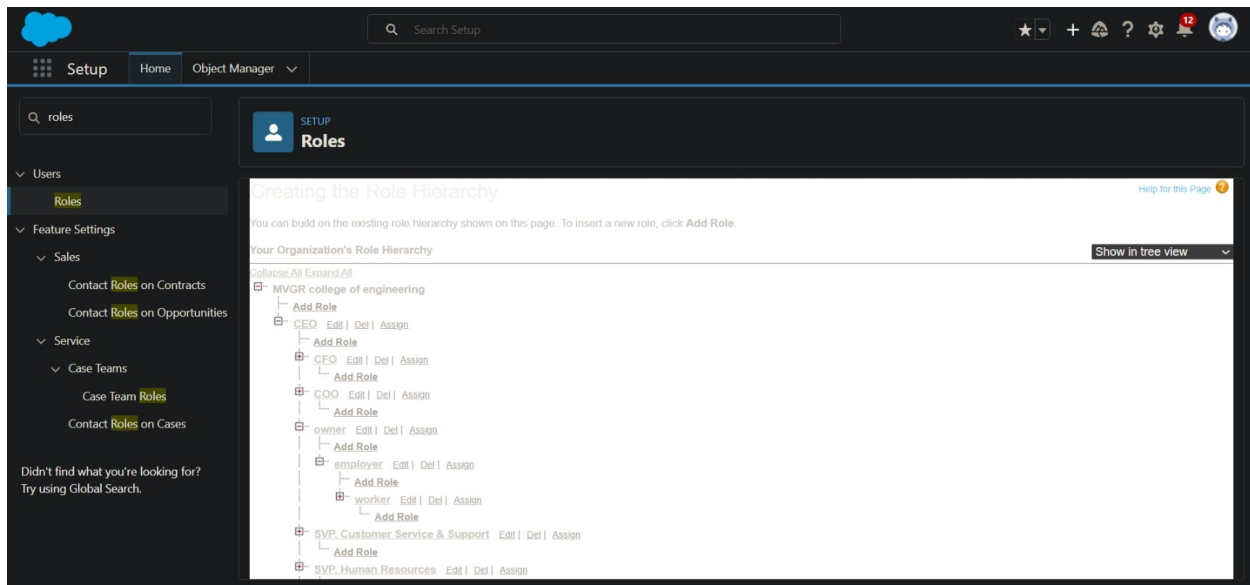
7. Profile Creations :



The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains a search bar with 'profil' and a list of navigation items: 'Users' and 'Profiles'. The main content area is titled 'Profiles' and includes a 'New Profile' button. Below this is a table listing various profiles with columns for 'Action', 'Profile Name', 'User License', and 'Custom'. The table is sorted by 'Profile Name' and shows 44 profiles in total. The bottom of the table indicates '1-25 of 44' and '0 Selected'.

Action	Profile Name	User License	Custom
Edit Clone	Customer Community Plus Login User	Customer Community Plus Login	<input type="checkbox"/>
Edit Clone	Customer Community Plus User	Customer Community Plus	<input type="checkbox"/>
Edit Clone	Customer Community User	Customer Community	<input type="checkbox"/>
Edit Clone	Customer Portal Manager Custom	Customer Portal Manager Custom	<input type="checkbox"/>
Edit Clone	Customer Portal Manager Standard	Customer Portal Manager Standard	<input type="checkbox"/>
Edit Del ...	employer	Salesforce Platform	<input checked="" type="checkbox"/>
Edit Clone	External Apps Login User	External Apps Login	<input type="checkbox"/>
Edit Clone	External Identity User	External Identity	<input type="checkbox"/>
Edit Clone	Force.com - App Subscription User	Force.com - App Subscription	<input type="checkbox"/>
Edit Clone	Force.com - Free User	Force.com - Free	<input type="checkbox"/>
Edit Clone	Gold Partner User	Gold Partner	<input type="checkbox"/>

8.Roles :

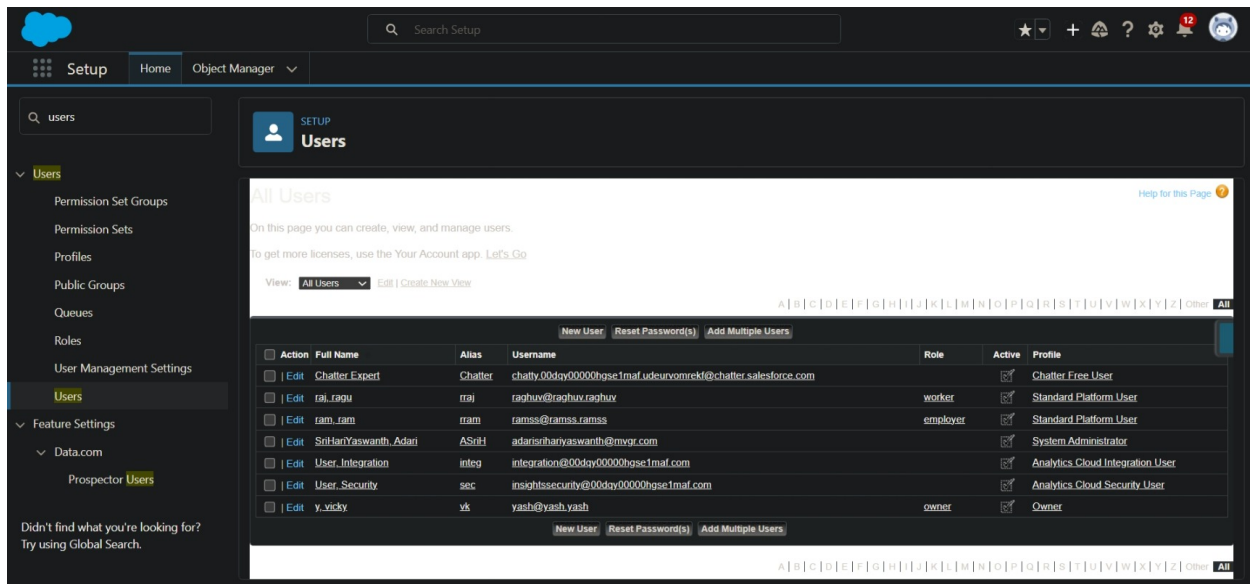


The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar contains a search bar with 'roles' and a list of navigation items: 'Users', 'Roles', and 'Feature Settings'. The main content area is titled 'Roles' and includes a 'Creating the Role Hierarchy' section. Below this is a tree view showing the organization's role hierarchy, starting with 'MVCOR college of engineering' and branching into various roles like 'CEO', 'CFO', 'COD', 'owner', 'employer', 'worker', 'SVP_Customer Service & Support', and 'SVP_Human Resources'. The tree view is currently expanded to show the full hierarchy.

```

graph TD
    MVCOR[MVCOR college of engineering] --> CEO[CEO]
    MVCOR --> CFO[CFO]
    MVCOR --> COD[COD]
    MVCOR --> owner[owner]
    MVCOR --> employer[employer]
    MVCOR --> worker[worker]
    MVCOR --> SVP_CS[SVP_Customer Service & Support]
    MVCOR --> SVP_HR[SVP_Human Resources]
    CEO --> Add_Role_CEO[Add Role]
    CFO --> Add_Role_CFO[Add Role]
    COD --> Add_Role_COD[Add Role]
    owner --> Add_Role_owner[Add Role]
    employer --> Add_Role_employer[Add Role]
    worker --> Add_Role_worker[Add Role]
    SVP_CS --> Add_Role_SVP_CS[Add Role]
    SVP_HR --> Add_Role_SVP_HR[Add Role]
  
```

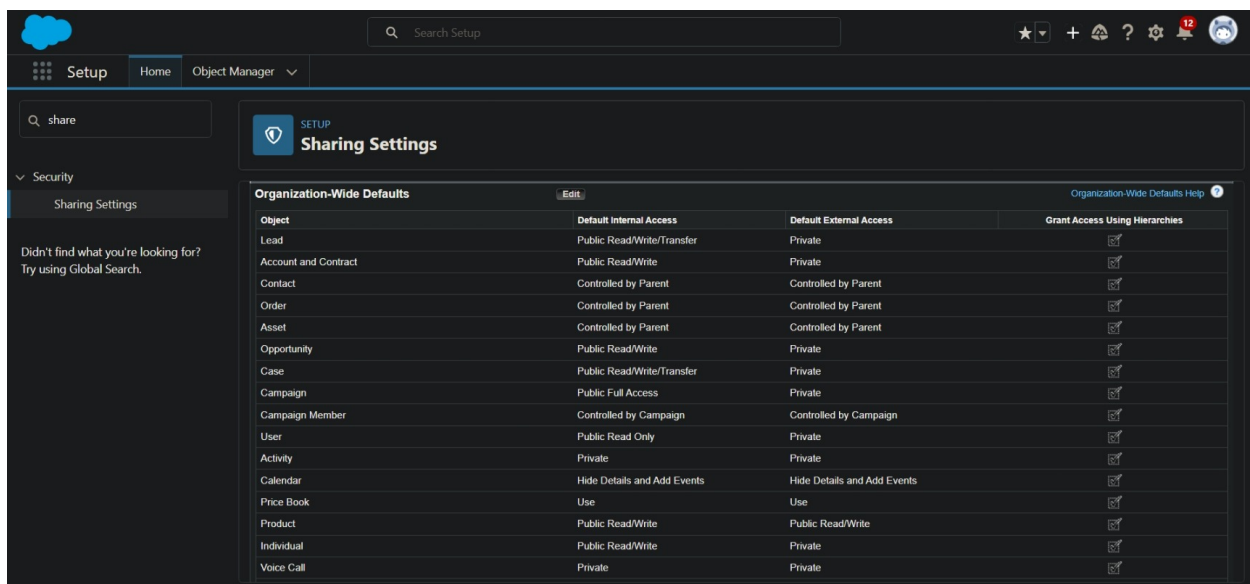
9.Users :



The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains navigation links for 'Users', 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', and 'User Management Settings'. The main content area is titled 'All Users' and includes a search bar, a 'View: All Users' dropdown, and a 'Create New User' button. Below this is a table of users with columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. The table lists several users, including 'Chatter Expert', 'rai_ragu', 'ram_ram', 'SriHarYaswanth Adari', 'User_Integration', 'User_Security', and 'y_vicky'. At the bottom, there is a 'New User' button and a 'Reset Password(s)' button.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter_00day00000hgse1ma1@decurvomrek1@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/> Edit	rai_ragu	rai	raghuv@raghuv.raghuv	worker	<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/> Edit	ram_ram	ram	ramss@ramss.ramss	employer	<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/> Edit	SriHarYaswanth Adari	ASriH	adarsishariyaswanth@mvgc.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/> Edit	User_Integration	integ	integration@00day00000hgse1ma1.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	sec	insightssecurity@00day00000hgse1ma1.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User
<input type="checkbox"/> Edit	y_vicky	yvk	yash@yash.yash	owner	<input checked="" type="checkbox"/>	Owner

10. Permission sets(OWD) :



The screenshot shows the Salesforce Setup interface for the 'Sharing Settings' section. The left sidebar contains navigation links for 'Security', 'Sharing Settings', and 'Did not find what you're looking for? Try using Global Search.' The main content area is titled 'Sharing Settings' and includes an 'Organization-Wide Defaults' section. This section contains a table with columns for Object, Default Internal Access, Default External Access, and Grant Access Using Hierarchies. The table lists various objects and their default access levels, such as 'Lead', 'Account and Contract', 'Contact', 'Order', 'Asset', 'Opportunity', 'Case', 'Campaign', 'Campaign Member', 'User', 'Activity', 'Calendar', 'Price Book', 'Product', 'Individual', and 'Voice Call'.

Object	Default Internal Access	Default External Access	Grant Access Using Hierarchies
Lead	Public Read/Write/Transfer	Private	<input checked="" type="checkbox"/>
Account and Contract	Public Read/Write	Private	<input checked="" type="checkbox"/>
Contact	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>
Order	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>
Asset	Controlled by Parent	Controlled by Parent	<input checked="" type="checkbox"/>
Opportunity	Public Read/Write	Private	<input checked="" type="checkbox"/>
Case	Public Read/Write/Transfer	Private	<input checked="" type="checkbox"/>
Campaign	Public Full Access	Private	<input checked="" type="checkbox"/>
Campaign Member	Controlled by Campaign	Controlled by Campaign	<input checked="" type="checkbox"/>
User	Public Read Only	Private	<input checked="" type="checkbox"/>
Activity	Private	Private	<input checked="" type="checkbox"/>
Calendar	Hide Details and Add Events	Hide Details and Add Events	<input checked="" type="checkbox"/>
Price Book	Use	Use	<input checked="" type="checkbox"/>
Product	Public Read/Write	Public Read/Write	<input checked="" type="checkbox"/>
Individual	Public Read/Write	Private	<input checked="" type="checkbox"/>
Voice Call	Private	Private	<input checked="" type="checkbox"/>

11. Reports :

MY RICE

suppliers

rice mills

consumers

rice details

Dashboards

* Lightning Usage

* range of amount per day

Report: rice mills with consumers

range of amount per day

Enable Field Editing

Add Chart

Edit

Total Records
3

Total rice price/kg
2,300

Total Amount Paid
7,500.00

<input type="checkbox"/> Rice taken by shops	rice mill: rice mill Name	consumer: consumer Name	Rice type	rice price/kg	Mode of payment	Amount Paid
<input type="checkbox"/> 1 (1)	rice-001	consumers-001	1 basmati	1,000	UPI	1,000.00
Subtotal				1,000		1,000.00
<input type="checkbox"/> 2 (1)	rice-003	consumers-002	1 basmati	1,300	Cash	2,600.00
Subtotal				1,300		2,600.00
<input type="checkbox"/> 3 (1)	rice-003	consumers-003	2 normal rice	1,300	Credit card	3,900.00
Subtotal				1,300		3,900.00
Total (3)				2,300		7,500.00

Row Counts

Detail Rows

Subtotals

Grand Total

MY RICE

suppliers

rice mills

consumers

rice details

Dashboards

* range of amount per day

Reports

Recent

Search recent reports...

New Report

New Folder

1 item

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	range of amount per day		estimated rice per day	Adari SriHarYaswanth	22/12/2024, 4:52 pm	<input checked="" type="checkbox"/>

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Suppliers :

MY RICE

suppliers
rice mills
consumers
rice details
Dashboards
* range of amount per day

Search...

★

+

🏠

?

⚙️

🔔

👤

12

suppliers

Recently Viewed

New

Import

Change Owner

Assign Label

10 items • Updated a few seconds ago

Search this list...

⚙️

📄

🔄

✎

🗑️

⏮

	<input type="checkbox"/> supplier Name	
1	<input type="checkbox"/> golden	▼
2	<input type="checkbox"/> calrice	▼
3	<input type="checkbox"/> highquality	▼
4	<input type="checkbox"/> ashirvad	▼
5	<input type="checkbox"/> brown	▼
6	<input type="checkbox"/> dmartrice	▼
7	<input type="checkbox"/> yash	▼
8	<input type="checkbox"/> bell	▼
9	<input type="checkbox"/> basmati	▼
10	<input type="checkbox"/> akshaya	▼

Rice mills :

MY RICE

suppliers
rice mills
consumers
rice details
Dashboards
* range of amount per day

Search...

★

+

🏠

?

⚙️

🔔

👤

12

rice mills

Recently Viewed

New

Import

Change Owner

Assign Label

10 items • Updated a few seconds ago

Search this list...

⚙️

📄

🔄

✎

🗑️

⏮

	<input type="checkbox"/> rice mill Name	
1	<input type="checkbox"/> rice-007	▼
2	<input type="checkbox"/> rice-006	▼
3	<input type="checkbox"/> rice-008	▼
4	<input type="checkbox"/> rice-010	▼
5	<input type="checkbox"/> rice-009	▼
6	<input type="checkbox"/> rice-005	▼
7	<input type="checkbox"/> rice-004	▼
8	<input type="checkbox"/> rice-001	▼
9	<input type="checkbox"/> rice-003	▼
10	<input type="checkbox"/> rice-002	▼

Consumers :

MY RICE

suppliers

rice mills

consumers

rice details

Dashboards

* range of amount per day

Search_

★

+

🏠

?

⚙️

🔔

👤

consumers

Recently Viewed

New

Import

Assign Label

5 items • Updated a few seconds ago

Search this list_

⚙️

📄

🔄

✎

🗑️

🔼

	<div><input type="checkbox"/> consumer Name</div>	
1	<div><input type="checkbox"/> consumers-005</div>	<div>▼</div>
2	<div><input type="checkbox"/> consumers-004</div>	<div>▼</div>
3	<div><input type="checkbox"/> consumers-003</div>	<div>▼</div>
4	<div><input type="checkbox"/> consumers-002</div>	<div>▼</div>
5	<div><input type="checkbox"/> consumers-001</div>	<div>▼</div>

Rice Details :

MY RICE

suppliers

rice mills

consumers

rice details

Dashboards

* range of amount per day

Search_

★

+

🏠

?

⚙️

🔔

👤

rice details

Recently Viewed

New

Import

Assign Label

7 items • Updated a few seconds ago

Search this list_

⚙️

📄

🔄

✎

🗑️

🔼

	<div><input type="checkbox"/> rice details Name</div>	
1	<div><input type="checkbox"/> rice-007</div>	<div>▼</div>
2	<div><input type="checkbox"/> rice-006</div>	<div>▼</div>
3	<div><input type="checkbox"/> rice-005</div>	<div>▼</div>
4	<div><input type="checkbox"/> rice-004</div>	<div>▼</div>
5	<div><input type="checkbox"/> rice-003</div>	<div>▼</div>
6	<div><input type="checkbox"/> rice-002</div>	<div>▼</div>
7	<div><input type="checkbox"/> rice-001</div>	<div>▼</div>

Dashboard :

MY RICE

suppliers

rice mills

consumers

rice details

Dashboards

* range of amount per day

Report: rice mills with consumers

range of amount per day

Enable Field Editing

Add Chart

Edit

Total Records

5

Total rice price/kg

5,250

Total Amount Paid

15,000.00

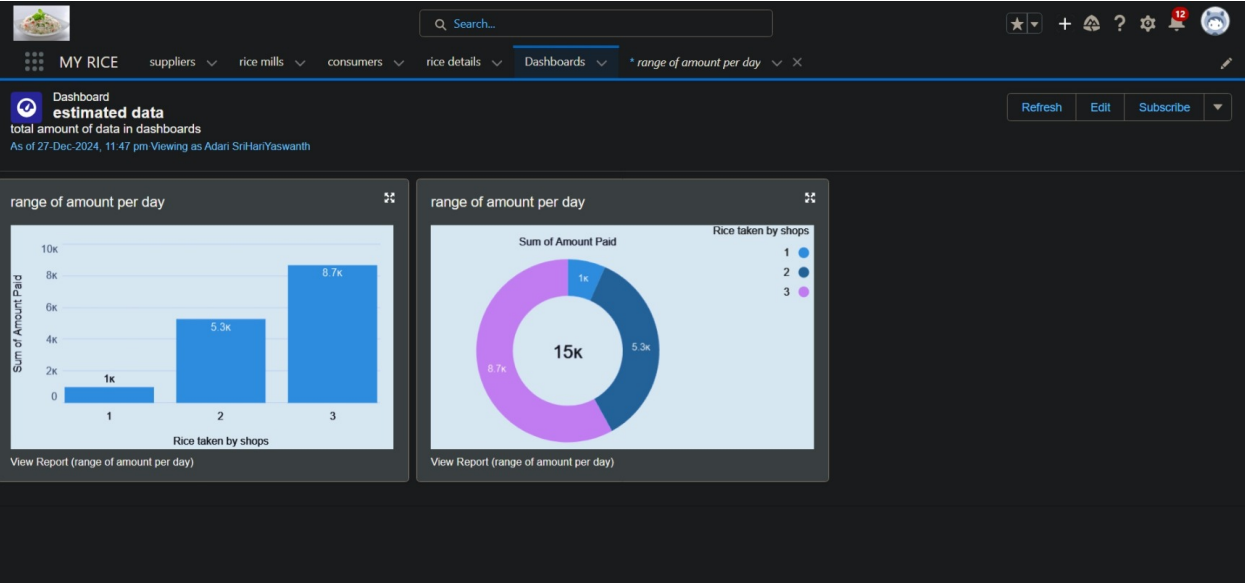
<div><input type="checkbox"/> Rice taken by shops</div>	<div>rice mill: rice mill Name</div>	<div>consumer: consumer Name</div>	<div>Rice type</div>	<div>rice price/kg</div>	<div>Mode of payment</div>	<div>Amount Paid</div>
<div><input type="checkbox"/> 1 (1)</div>	rice-001	consumers-001	1 basmati	1,000	UPI	1,000.00
Subtotal				1,000		1,000.00
<div><input type="checkbox"/> 2 (2)</div>	rice-003	consumers-002	1 basmati	1,300	Cash	2,600.00
	rice-009	consumers-004	1 basmati	1,350	Debit card	2,700.00
Subtotal				2,650		5,300.00
<div><input type="checkbox"/> 3 (2)</div>	rice-003	consumers-003	2 normal rice	1,300	Credit card	3,900.00
	rice-007	consumers-005	2 normal rice	1,600	UPI	4,800.00
Subtotal				2,900		8,700.00
Total (5)				5,250		15,000.00

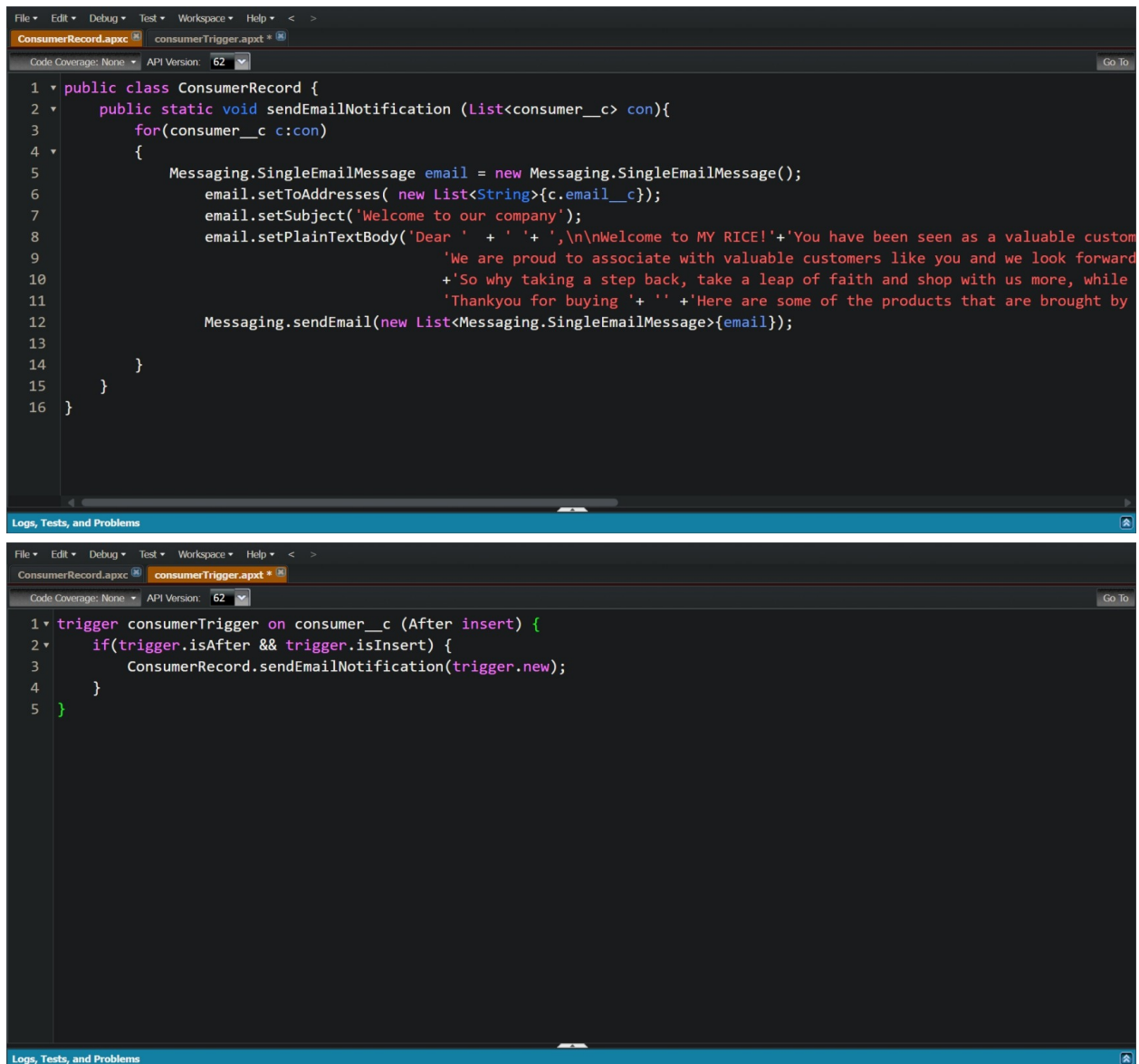
Row Counts

Detail Rows

Subtotals

Grand Total





```
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 valuable custom
9             'We are proud to associate with valuable customers like you and we look forward
10            + 'So why taking a step back, take a leap of faith and shop with us more, while
11            'Thankyou for buying ' + ' ' + 'Here are some of the products that are brought by
12            Messaging.sendEmail(new List<Messaging.SingleEmailMessage>{email});
13        }
14    }
15 }
16 }
```

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

Conclusion and Future work :

The Rice Mill CRM Application is set to transform operational efficiency and customer relationship management within rice mill factories. By incorporating sophisticated reporting features, automated data aggregation, cross-object computations, and robust validation mechanisms, this application tackles the distinct challenges encountered by rice mill proprietors. It delivers precise, real-time insights into daily production, sales, and revenue, enabling well-informed decision-making and strategic planning.

Additionally, the application's intuitive interface and customized permission settings ensure secure and role-specific access to essential information, fostering transparency and accountability across the organization. As an all-encompassing solution, the Rice Mill CRM Application not only optimizes workflows but also enhances resource utilization, boosts

customer satisfaction, and elevates overall business performance.

In conclusion, the Rice Mill CRM Application is a vital asset for rice mill factories, purpose-built to address their unique requirements and promote sustainable growth and success in a competitive market.