

A CRM APPLICATION FOR WHOLESALE RICE MILL

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 userfriendly and feature-rich application that addresses the specific needs of a rice mill factory.

Features and Functionality:

Reporting and Dashboards: The application can generate detailed reports and analytics regarding daily how much rice sold and total income per daily, revenue generated, popular amenities, and most bought customers. Easy to understand the data to the owner, improving resource allocation, and planning future development.

A rollup summary field: This is a field that summarizes data from a child object to a parent object that shares a master-detail relationship. Rollup summary fields can use the COUNT, SUM, MIN, and MAX functions. For example, you could use a rollup summary field to display the total value (amount of rice supplied) from rice details on a related supplier.

A cross-object formula field: It is a formula field that references fields from another object in Salesforce. This type of formula allows users to calculate the total amount from number of rice taken*price/kg and it displays the total amount I have to pay.

Validation rules: validation rules also include an error message to display to the user when the rule returns a value of "True" due to an invalid value. so , In this project i gave Isblank formula. Isblank formula is used to verify whether it is blank it shows error.

Permission sets: Organization Wide Defaults(OWD) in salesforce is the baseline level of access that the most restricted user should have. Organizational Wide Defaults are used to restrict access. But in our case we created roles and given the roles in such a way that the owner can see employer and worker records , and the employer can see the worker records.

Introduction to Salesforce

Salesforce is your customer success platform, designed to help you sell, service, market, analyze, and connect with your customers. Salesforce has everything you need to run your business from anywhere. Using standard products and features, you can manage relationships with prospects and customers, collaborate and engage with employees and partners, and store your data securely in the cloud.

Task -1 - 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.

To Navigate to Setup page:

Click on gear icon -click setup.

To create an object:

1. From the setup page - Click on Object Manager -Click on Create - Click on Custom Object.



2. On Custom object defining page:

3. Enter the label name, plural label name, click on Allow reports, Allow search.

This screenshot shows the 'Optional Features' section of the Salesforce Custom Object Setup page. A red circle and arrow point to the 'Allow Reports' checkbox, which is checked. Below it, the 'Allow Search' checkbox is also checked, with another red circle and arrow pointing to it. At the bottom, the 'Save' button is highlighted with a red box, and a red arrow points to it from below. The 'Save & New' button is also highlighted with a red box, and a red arrow points to it from above.

This screenshot shows the 'Optional Features' section of the Salesforce Custom Object Setup page. A red circle and arrow point to the 'Allow Reports' checkbox, which is checked. Below it, the 'Allow Search' checkbox is also checked, with another red circle and arrow pointing to it. At the bottom, the 'Save' button is highlighted with a red box, and a red arrow points to it from below. The 'Save & New' button is also highlighted with a red box, and a red arrow points to it from above.

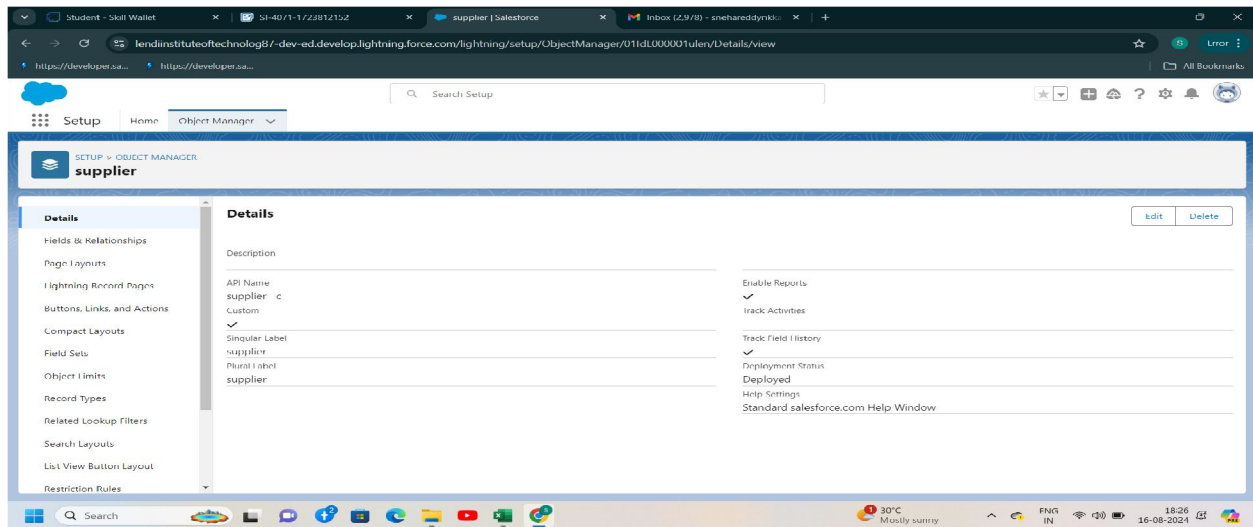
4. Click on Save.

Create Supplier Object

To create an object:

1. From the setup page >> Click on Object Manager>> Click on Create>>Click on Custom Object.
1. Enter the label name>>supplier
2. Plural label name>>supplier
3. Enter Record Name Label and Format
 - Record Name >> supplier Name
 - Data Type>>Text

Click on Allow reports and Track Field History and allow search Save.



Create Rice mill Object

To create an object:

1. From the setup page >> Click on Object Manager>>Click on Create >> Click on Custom Object.
 1. Enter the label name>>rice mill
 2. Plural label name>> rice mills
 3. Enter Record Name Label and Format
 - Record Name >>
 - Data Type >> Auto Number
 - Display Format >> rice-{000}
 - Starting number >> 1
 2. Click on Allow reports and Track Field History, Allow Search and Save.

Browser tabs: SI-4071-1723812152, rice mill | Salesforce, Student - Skill Wallet

Address bar: lendlinstituteoftechnology87-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL000001ulq5/Details/view

Navigation: Setup, Home, Object Manager

Page Header: SETUP > OBJECT MANAGER, rice mill

Left Sidebar (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 Panel:

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

Buttons: Edit, Delete

consumer Objects

Browser tabs: SI-4071-1723812152, consumer | Salesforce, Student - Skill Wallet

Address bar: lendlinstituteoftechnology87-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL000001umPZ/Details/view

Navigation: Setup, Home, Object Manager

Page Header: SETUP > OBJECT MANAGER, consumer

Left Sidebar (Details):

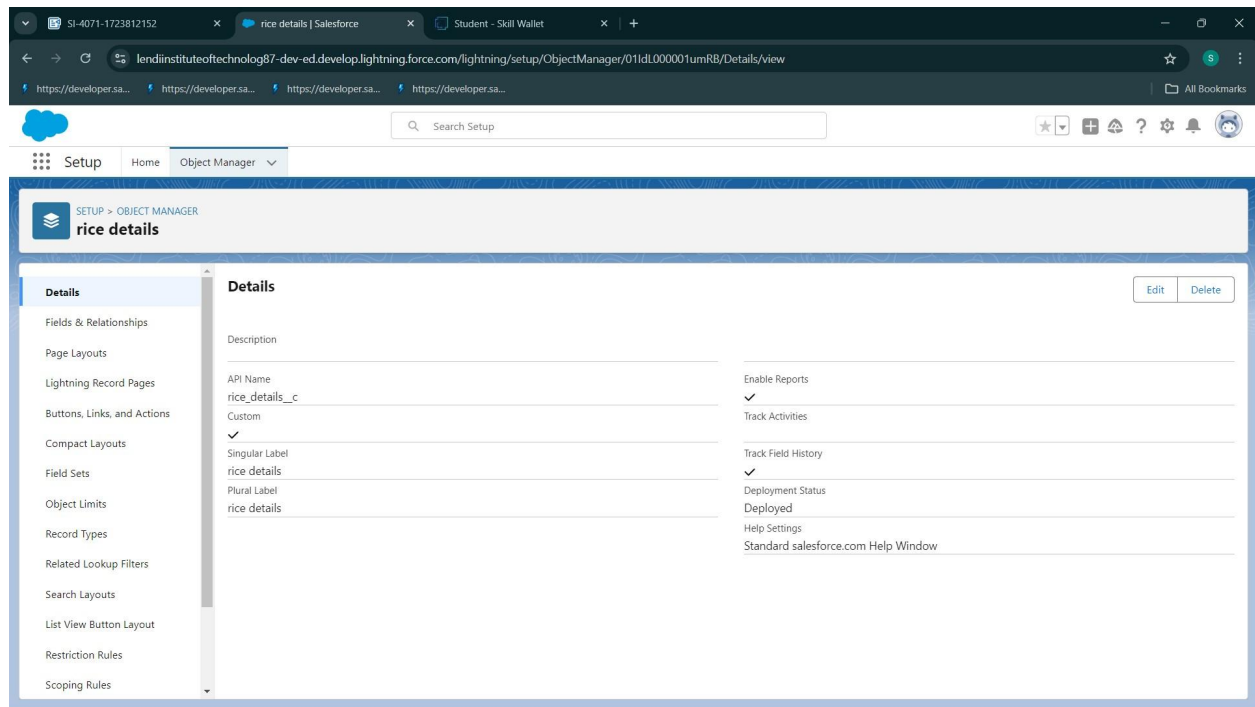
- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts
- List View Button Layout
- Restriction Rules
- Scoping Rules

Details Panel:

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

Buttons: Edit, Delete

Create rice details Objects



Task-2 Tabs

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.

Visualforce Tabs

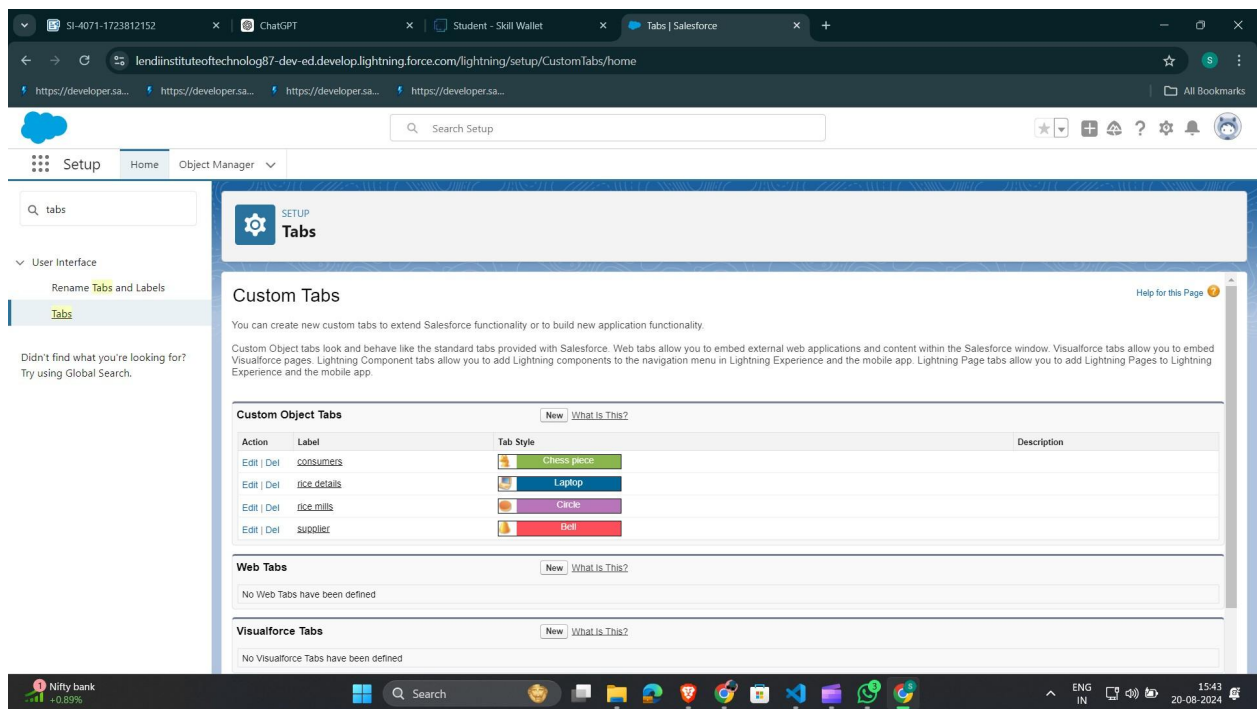
Visualforce Tabs are custom tabs that display a Visualforce page. Visualforce tabs look and behave like standard salesforce.com tabs such as accounts, contacts, and opportunities.

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

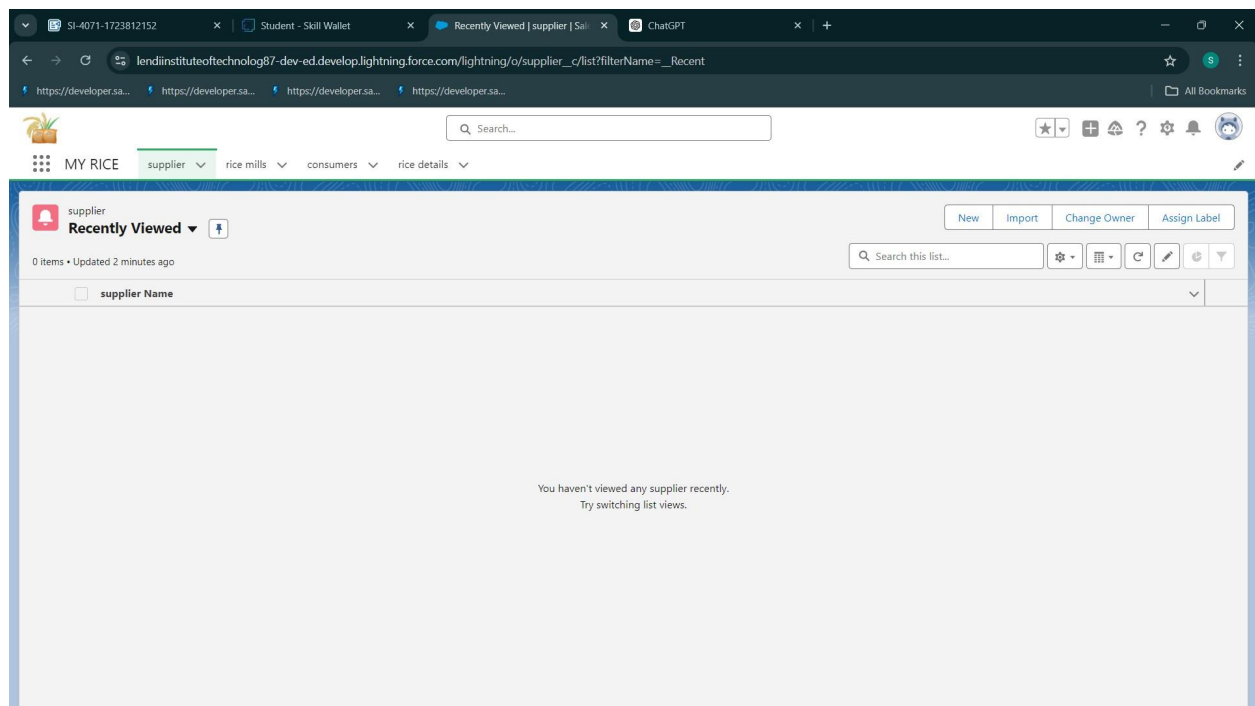
Lightning Page Tabs let you add Lightning Pages to the mobile app navigation menu. Lightning Page tabs don't work like other custom tabs. Once created, they don't show up on the All Tabs page when you click the Plus icon that appears to the right of your current tabs. Lightning Page tabs also don't show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



Task-3 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.



Task-3 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
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.

Creating the number field in rice details object

fields and relationship : in rice detail

SI-4071-1723812152

Student - Skill Wallet

Recently Viewed | supplier | Sai

rice details | Salesforce

ChatGPT

lendiinstituteoftechnolog87-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01dL000001umRB/FieldsAndRelationships/view

https://developer.sa... https://developer.sa... https://developer.sa... https://developer.sa...

Search Setup

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

Restriction Rules

Fields & Relationships

6 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)		
rice details Name	Name	Auto Number		✓
rice distributed	rice_distributed__c	Number(5, 0)		
rice mill 1(one)	rice_mill__c	Master-Detail(rice mill)		✓
supplier Name	supplier__c	Master-Detail(supplier)		✓

34°C

Partly sunny

Search

ENG IN

15:52

20-08-2024

FIELDS AND RELATIONSHIP:SUPPLIER:

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)		✓

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

field and relationship in consumer:

Setup > OBJECT MANAGER

consumer

Details

Fields & Relationships
13 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	Text(80)		✓
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(18, 0)		
Rice Type	Rice_Type_c	Picklist		

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

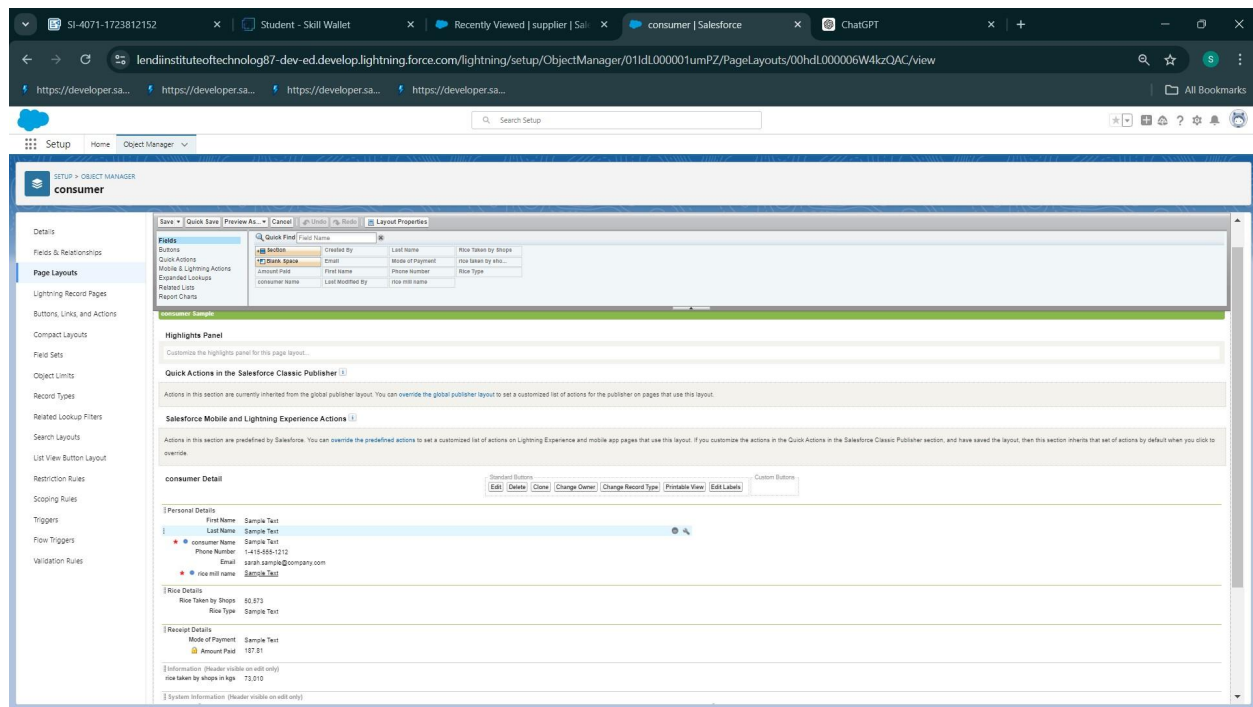
fields and relationship in rill mill:

The screenshot shows the Salesforce Setup interface for the 'rice details' object. The left sidebar contains a navigation menu with options like 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, and List View Button Layout. The main content area is titled 'Fields & Relationships' and displays a table of 6 items, sorted by Field Label. The table columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The items listed are 'Created By' (Lookup(User)), 'Last Modified By' (Lookup(User)), 'rice details Name' (Auto Number), 'rice distributed' (Number(5, 0)), 'rice mill 1(one)' (Master-Detail(rice mill)), and 'supplier Name' (Master-Detail(supplier)).

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__c	Master-Detail(rice mill)		✓
supplier Name	supplier__c	Master-Detail(supplier)		✓

Task-4 Page layouts

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



Task-5 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 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.

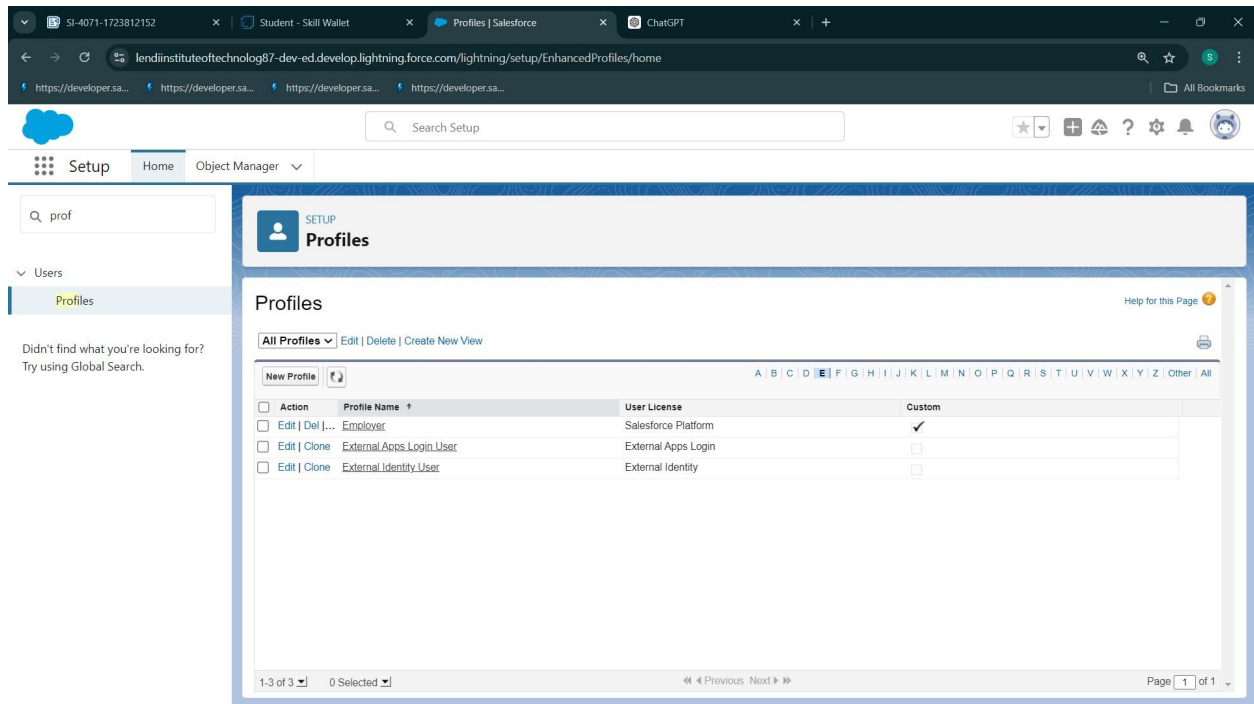
We cannot deleted standard ones

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.



The screenshot shows the Salesforce Setup interface for the Profiles page. The browser address bar displays the URL: `lendlinstituteoftechnology87-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home`. The left sidebar contains the Setup menu with 'Home' and 'Object Manager' options. The main content area is titled 'Profiles' and includes a search bar, a 'New Profile' button, and a table of existing profiles. The table has columns for 'Action', 'Profile Name', 'User License', and 'Custom'. Three profiles are listed: 'Employer' (Salesforce Platform license, Custom checkbox checked), 'External Apps Login User' (External Apps Login license, Custom checkbox unchecked), and 'External Identity User' (External Identity license, Custom checkbox unchecked). The bottom of the page shows pagination information: '1-3 of 3', '0 Selected', and 'Page 1 of 1'.

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Del ...	Employer	Salesforce Platform	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Clone	External Apps Login User	External Apps Login	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	External Identity User	External Identity	<input type="checkbox"/>

The screenshot shows the Salesforce Setup interface for Profiles. The left sidebar has a search bar with 'prof' and a 'Profiles' link under the 'Users' section. The main content area is titled 'Profiles' and includes a 'New Profile' button and a table of existing profiles.

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Del ...	owner	Salesforce	<input checked="" type="checkbox"/>

At the bottom, it shows '1-1 of 1' profiles and '0 Selected'.

This screenshot shows the same Salesforce Setup interface but with three profiles listed in the table.

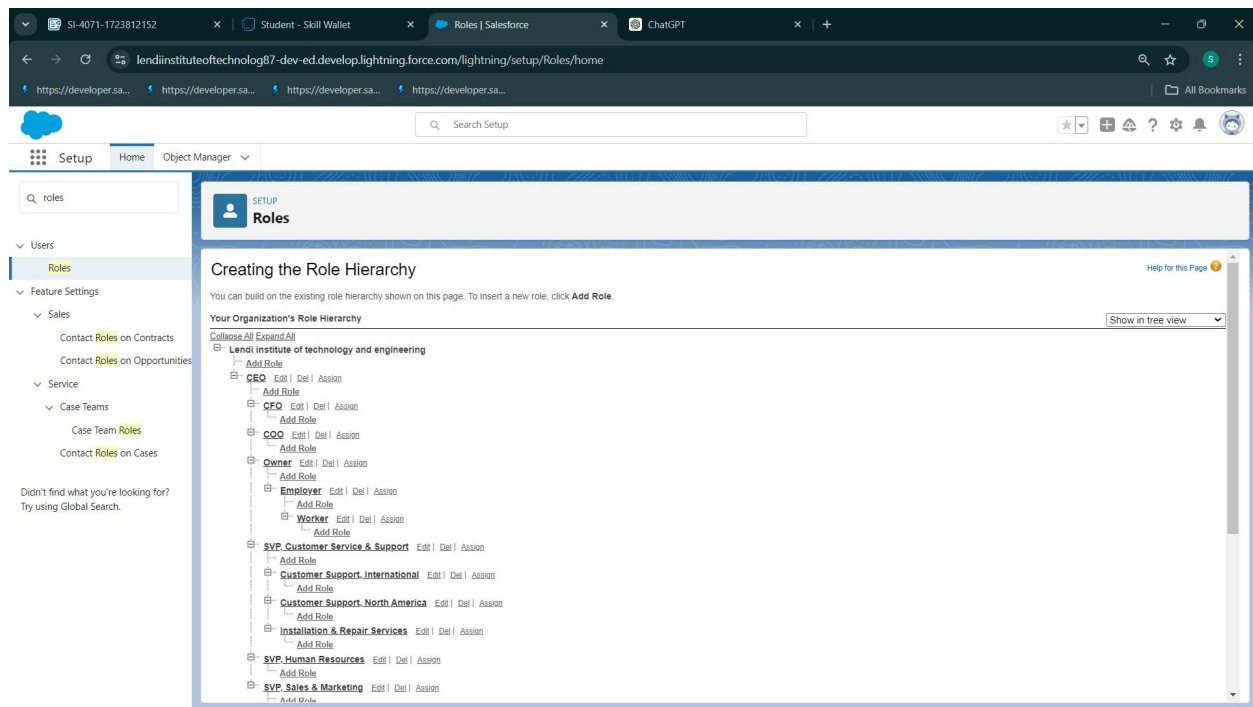
Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Clone	Work.com Only User	Work.com Only	<input type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Worker	Salesforce Platform	<input checked="" type="checkbox"/>

At the bottom, it shows '1-2 of 2' profiles and '0 Selected'.

Task-6 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 Salesforce organization.



Task-7 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.

Browser tabs: SI-4071-1723812152, Student - Skill Wallet, Users | Salesforce, ChatGPT

Address bar: lendlinstituteoftechnolog87-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

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 View](#)

[New User](#) [Reset Password\(s\)](#) [Add Multiple Users](#)

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter_00d4800009c67muqa.zf689exdda@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	B_Ram	tr	21kd1a1516@lendl.org		✓	Force.com - Free User
<input type="checkbox"/> Edit	Bal_Ragu	raj	21kd1a1525@lendl.org		✓	Force.com - Free User
<input type="checkbox"/> Edit	Sneha Jethu Reddy_Rikka	RSneh	snehareddivkka@gmail.com		✓	System Administrator
<input type="checkbox"/> Edit	User Integration	Integ	integration@00d4800009c67muqa.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sac	insightsecurity@00d4800009c67muqa.com		✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	Yadiky	xy	21kd1a1501@lendl.org		✓	Salesforce API Only System Integrations

[New User](#) [Reset Password\(s\)](#) [Add Multiple Users](#)

Task-8 Report:

Browser tabs: SI-4071-1723812152, Student - Skill Wallet, Recently Viewed | consumers |, ChatGPT

Address bar: lendlinstituteoftechnolog87-dev-ed.develop.lightning.force.com/consumer_c/list?filterName=__Recent

Search...

MY RICE supplier rice mills consumers rice details

consumers Recently Viewed

10 items • Updated a few seconds ago

[New](#) [Import](#) [Assign Label](#)

Search this list...

	consumer Name	
1	<input type="checkbox"/> Mahesh rao	
2	<input type="checkbox"/> Madhu povara	
3	<input type="checkbox"/> Lavanya Samba	
4	<input type="checkbox"/> Srinivasa godiva	
5	<input type="checkbox"/> nakshatra	
6	<input type="checkbox"/> Arjuna Varma	
7	<input type="checkbox"/> Nanika	
8	<input type="checkbox"/> Rowanj	
9	<input type="checkbox"/> mahib	
10	<input type="checkbox"/> kumrajha	

SI-4071-1723812152Student - Skill WalletReports | SalesforceChatGPT

lendiinstituteoftechnolog87-dev-ed.develop.lightning.force.com/lightning/r/Report/home?queryScope=mruihttps://developer.sa...https://developer.sa...https://developer.sa...https://developer.sa...All Bookmarks

MY RICE

supplierrice millskonsumersrice detailsReports

Search...

StarAddShareHelpSettingsNotificationsProfile

Reports

Recent

1 item

Search recent reports...

New ReportNew Folder

15/8/2024, 6:48 pm

Report NameDescriptionFolderCreated ByCreated OnSubscribed

RecentRange of Amount per DayEstimated Rice Per DayRikka Sneha latha reddy15/8/2024, 6:48 pm

Created by MePrivate ReportsPublic ReportsAll Reports

FOLDERSAll FoldersCreated by MeShared with Me

FAVORITESAll Favorites

34°CPartly sunny

Search

ENG IN16:1520-08-2024

SI-4071-1723812152Student - Skill WalletRange of Amount per Day | SalesChatGPT

lendiinstituteoftechnolog87-dev-ed.develop.lightning.force.com/lightning/r/Report/000dL000005IDzRUAU/view?queryScope=user&foldershttps://developer.sa...https://developer.sa...https://developer.sa...https://developer.sa...All Bookmarks

MY RICE

supplierrice millskonsumersrice detailsRange of Amount per Day

Search...

StarAddShareHelpSettingsNotificationsProfile

Report: rice mills with consumers

Range of Amount per Day

Enable Field Editing

Q

Add Chart

Filter

Edit

Total RecordsTotal rice price/kgTotal Amount Paid

102122,633.00

rice distributed to shops

consumer: IDRice Typerice price/kgMode of PaymentAmount Paid

0 (10)

a02dL000004B4edNormal Rice11UPI11.00

a02dL000004B6iqBasmati10UPI2,500.00

a02dL000004B903Basmati11Debit Card22.00

a02dL000004B95KNormal Rice11Net Banking2,750.00

a02dL000004B8KTNormal Rice11Net Banking3,850.00

a02dL000004BCTONormal Rice10Credit Card2,500.00

a02dL000004BDJONormal Rice10Debit Card2,500.00

a02dL000004BEwbNormal Rice10UPI3,500.00

a02dL000004BFnpNormal Rice10Net Banking2,500.00

a02dL000004BGrxBasmati10Credit Card2,500.00

Subtotal2122,633.00

Total (10)2122,633.00

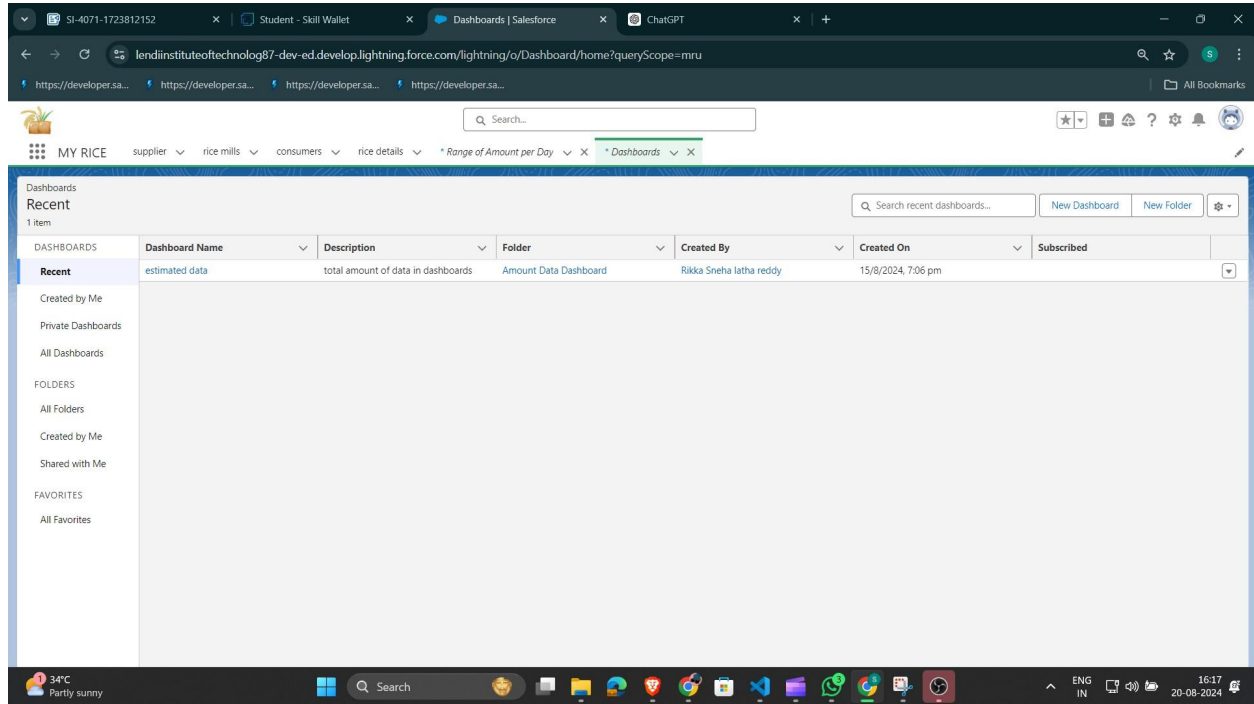
34°CPartly sunny

Search

ENG IN16:1620-08-2024

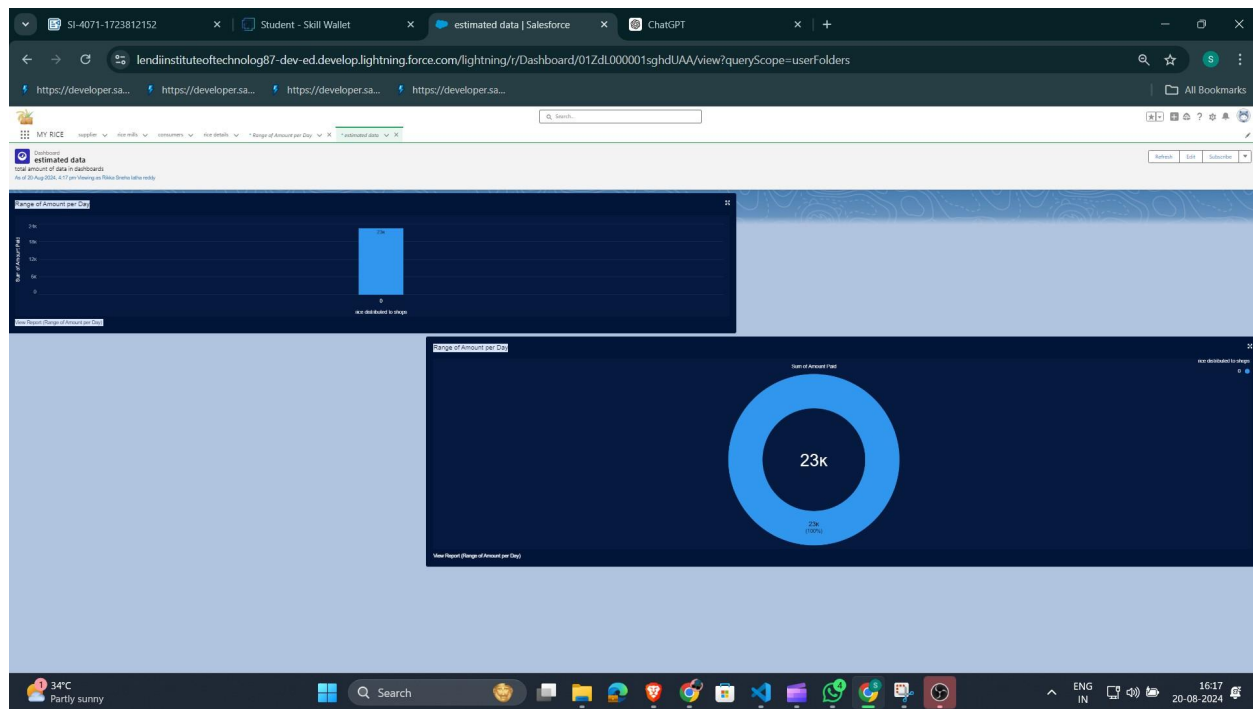
Task-9 Dashboards

Dashboards help you visually understand changing business conditions so you can make decisions based on the real-time data you've gathered with reports. Use dashboards to help users identify trends, sort out quantities, and measure the impact of their activities. Before building, reading, and sharing dashboards, review these dashboard basics.



The screenshot shows a web browser window with multiple tabs. The active tab is 'Dashboards | Salesforce'. The address bar shows the URL: `lendlitechnology87-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mru`. The browser's address bar also shows several bookmarks for `https://developer.sa...`. The Salesforce interface includes a search bar and a navigation menu with items like 'MY RICE', 'supplier', 'rice mills', 'consumers', 'rice details', 'Range of Amount per Day', and 'Dashboards'. The main content area is titled 'Dashboards' and 'Recent', showing a table with one item. The table has columns for 'Dashboard Name', 'Description', 'Folder', 'Created By', 'Created On', and 'Subscribed'. The row shows a dashboard named 'estimated data' with a description of 'total amount of data in dashboards', located in the 'Amount Data Dashboard' folder, created by 'Rikha Sneha latha reddy' on '15/8/2024, 7:06 pm'. The left sidebar contains navigation links for 'Recent', 'Created by Me', 'Private Dashboards', 'All Dashboards', 'FOLDERS', 'All Folders', 'Created by Me', 'Shared with Me', 'FAVORITES', and 'All Favorites'. The Windows taskbar at the bottom shows the system clock as 16:17 on 20-08-2024, with a temperature of 34°C and weather 'Partly sunny'.

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	estimated data	total amount of data in dashboards	Amount Data Dashboard	Rikha Sneha latha reddy	15/8/2024, 7:06 pm	



Task-10 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 :

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.

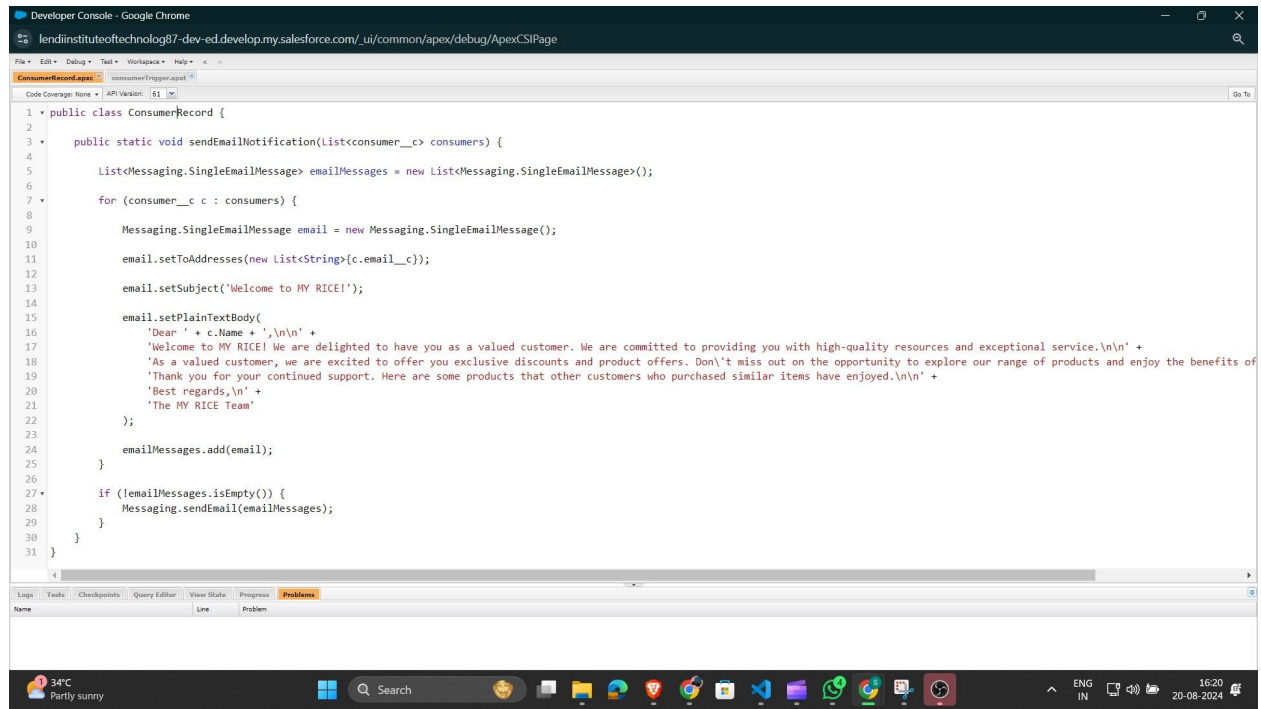
- **Class:**

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.

Creating an Apex Class(ConsumerRecord)



Creating an Apex Trigger

Developer Console - Google Chrome

lendlinstituteoftechnolog87-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help

ConsumerRecord.apac consumerTrigger.apxt

Code Coverage: None API Version: 61 Go To

```
1 trigger consumerTrigger on consumer__c (after insert) {
2
3     if (Trigger.isAfter && Trigger.isInsert) {
4
5         ConsumerRecord.sendEmailNotification(Trigger.new);
6     }
7 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name	Line	Problem
------	------	---------

34°C Partly sunny

Search

ENG IN 16:18 20-08-2024