# A CRM APPLICATION FOR WHOLE SALE RICE MILL

#### 1. Introduction to Salesforce

The Rice Mill CRM Application is a comprehensive solution designed to streamline and simplify daily operations in a rice mill factory. This application leverages the power of Customer Relationship Management (CRM) to enhance customer experiences, optimize store operations, and improve overall efficiency. It addresses the specific needs of a rice mill factory, including daily rice quantity management, sales tracking, and reporting.

#### Features and Functionality

#### 1. Reporting and Dashboards

- **Daily Sales and Inventory Reports:** Generate detailed reports on the quantity of rice sold each day, total income, revenue generated, and the most popular types of rice.
- Customer Insights: Analyze data on the most frequent buyers and revenue contribution per customer.
- **Resource Allocation:** Use insights from the reports to improve resource allocation and plan for future development.

### 2. Rollup Summary Fields

- Purpose: Summarize data from a child object to a parent object in a master-detail relationship.
- Functions: COUNT, SUM, MIN, and MAX.
- **Example:** Display the total value (amount of rice supplied) from rice details on a related supplier.

# 3. Cross-Object Formula Fields

- **Purpose:** Reference fields from another object to perform calculations.
- **Example:** Calculate the total amount payable by multiplying the number of rice units taken by the price per kilogram.

#### 4. Validation Rules

- Purpose: Ensure data integrity by enforcing specific criteria.
- Is Blank Formula: Used to verify whether a field is blank and display an error message if it is.

#### 5. Permission Sets

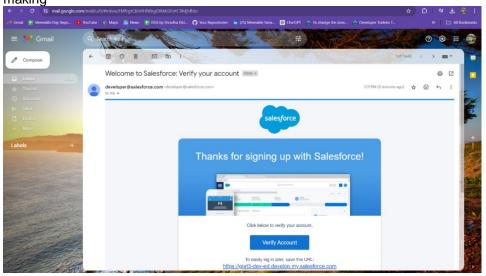
- Organization Wide Defaults (OWD): Set the baseline level of access for the most restricted user.
- Roles and Permissions:
  - Owner: Can see records of employers and workers.
  - Employer: Can see records of workers.
  - Workers: Restricted to their own records or as defined by the role.

#### Pre-requisites

- Salesforce Developer Account: Required to implement and test the application.
- Knowledge of Salesforce Admin Concepts: Essential for setting up and managing the CRM.
- Web Browsers: At least two installed on the machine.
- Internet Connectivity: Good internet connection for seamless access and updates.

### **Learning Outcomes**

- Real-Time Salesforce Project: Hands-on experience with a real-world Salesforce project.
- Object & Relationship Management: Understanding how to create and manage objects and relationships in Salesforce.
- Formula Fields and Validation Rules: Creating and implementing formula fields and validation rules to
  ensure data integrity.
- Cross-Object Formula Fields: Leveraging cross-object formula fields for advanced calculations.
- Page Layouts: Customizing page layouts to suit business needs.
- Rollup Summary Fields: Utilizing rollup summary fields for data aggregation.
- Reports and Dashboards: Designing and generating insightful reports and dashboards for decisionmaking



Setup Home Object Manager V

Q. Sazich Setup

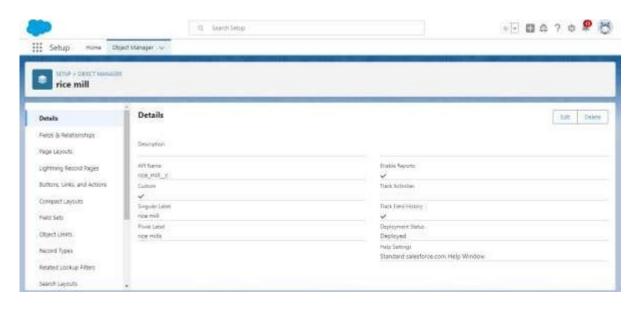
Setup Home Object Manager V

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# 2. 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

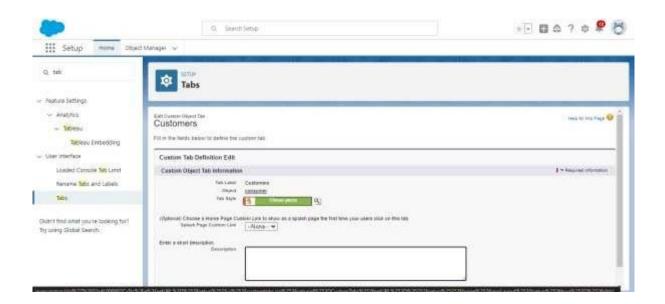
### Salesforce objects are of two types:

- 1. **Standard Objects**: Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.
- 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.

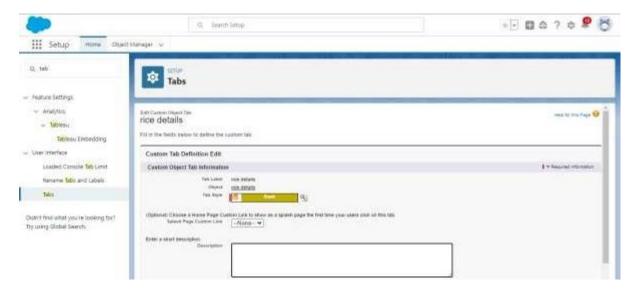
### 3. Tabs

Creating a Custom tab

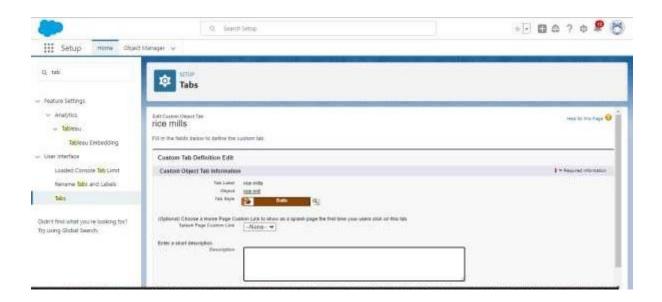
Consumer tab



#### Rice Detail tab



Rice mills tab



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:

#### 1. 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.

2. **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.

#### 1. 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.

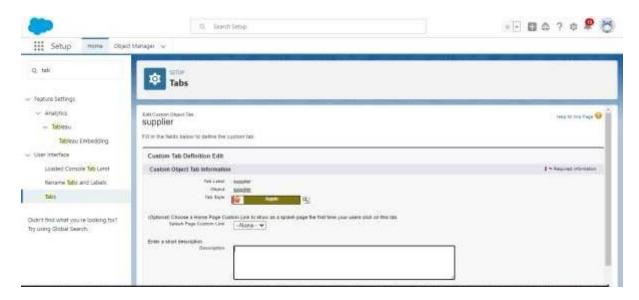
#### 2. Lightning Component Tabs

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

## 3. Lightning Page Tabs

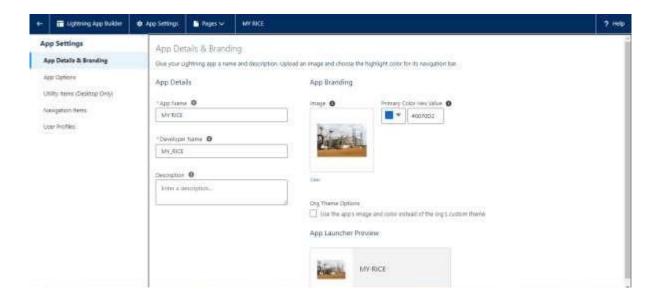
Lightning Page Tabs let you add Lightning Pages to the mobile app navigation menu. Lightning Page tabs don't work like other custom tabs. Once created, they don't show up on the All Tabs page when you click the Plus icon that appears to the right of your current tabs. Lightning Page tabs also don't show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

# Supplier tab



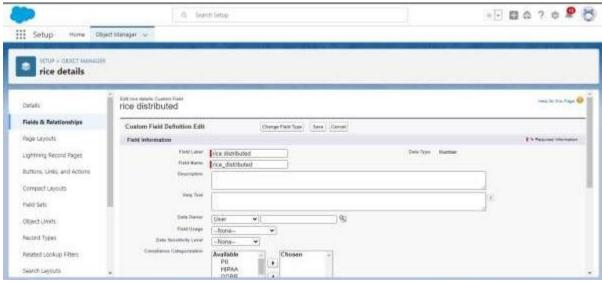
# 4. The Lightning app

Create a lightning app

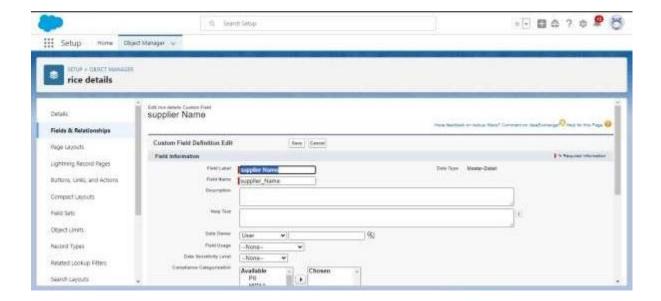


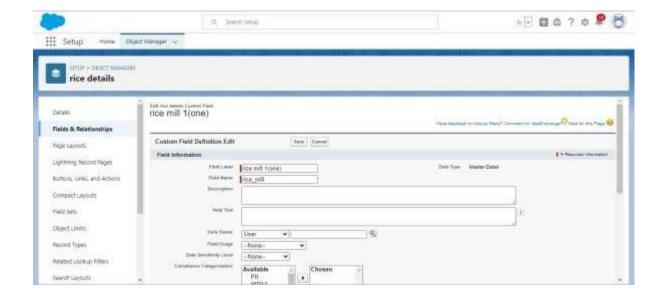
# 5. Fields

Creating the Number field in rice details object

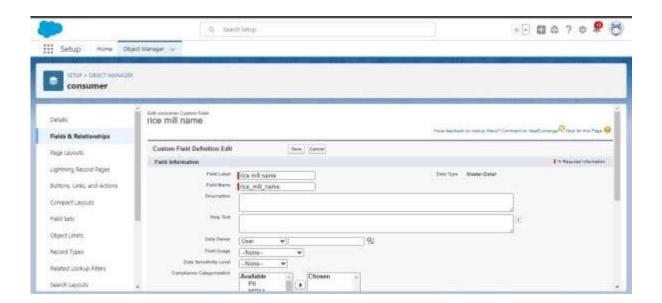


Creating junction object

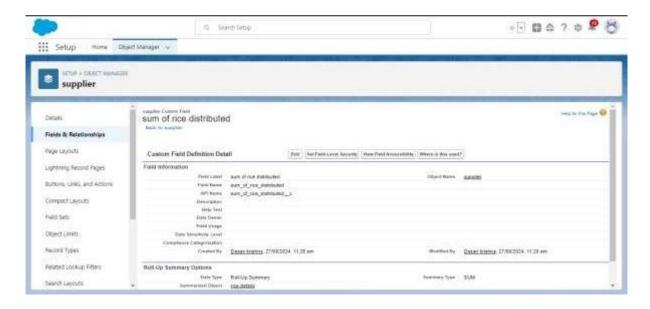


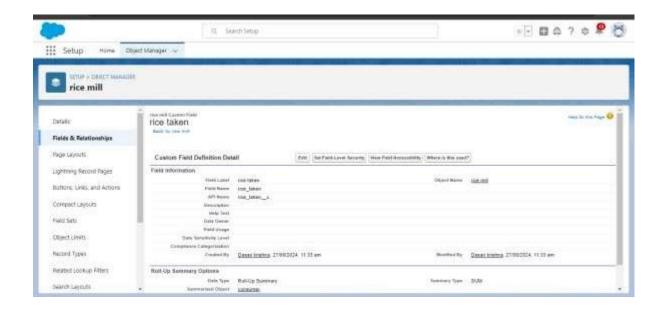


## Master detail relation ship

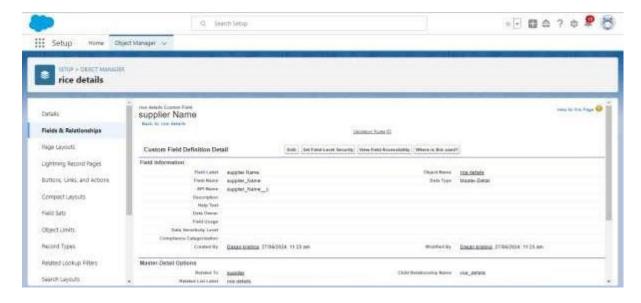


# Creating the Roll-Up Summary

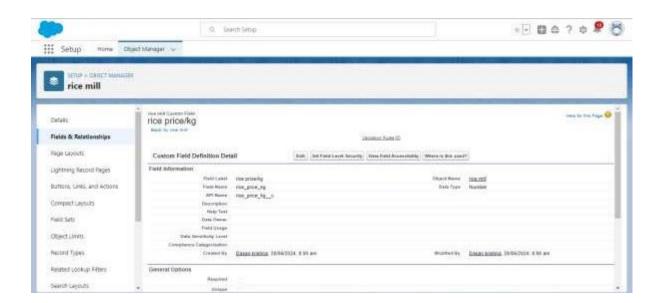




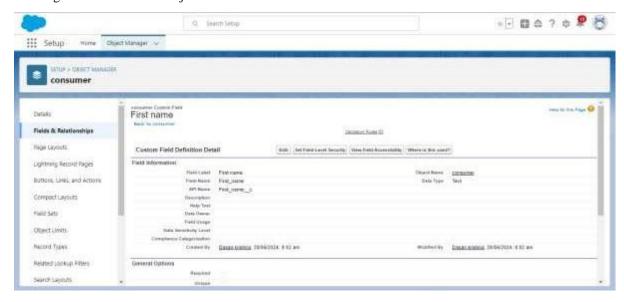
# Creating fields in objects



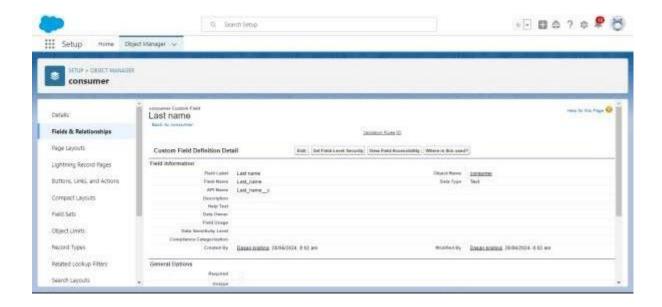
## Creating fields in rice mill objects



# Creating fields in Consumer objectFirst name

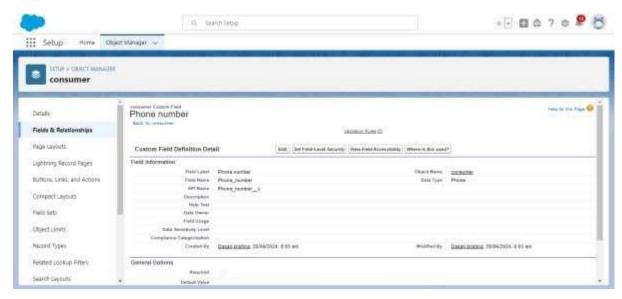


#### Last name

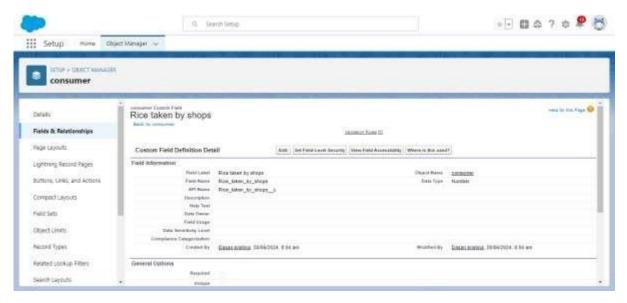


#### Phone Number

### Email

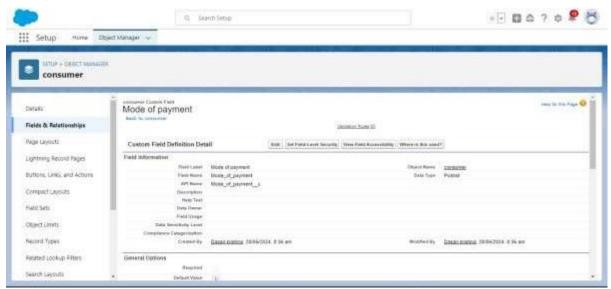


# Rice taken by shops

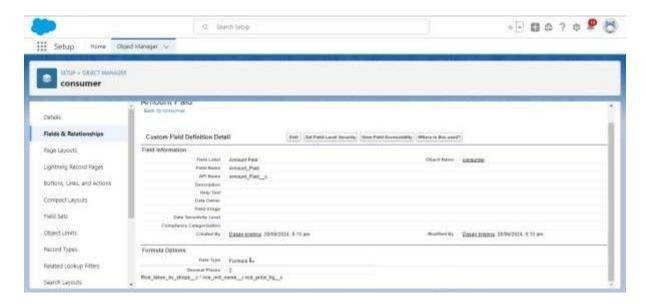


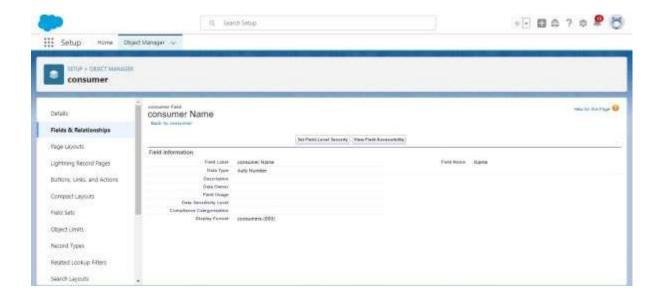
Rice type

# Mode of payment

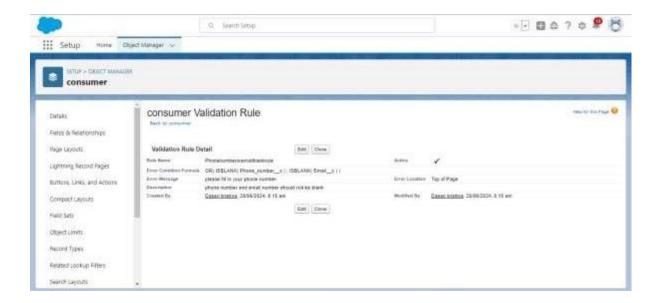


**Creating Cross Object Formula Field In Consumer Object** 

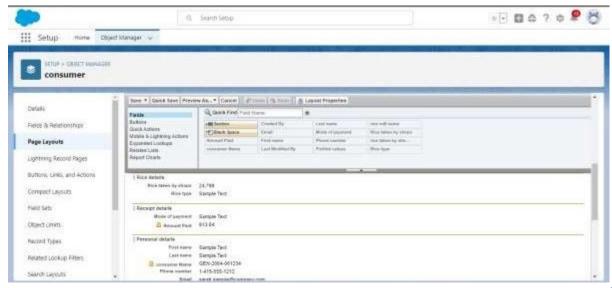




# Creating the Validation Rule

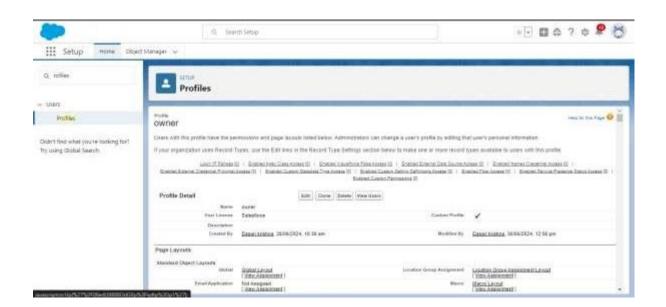


### Creating the Page Layout



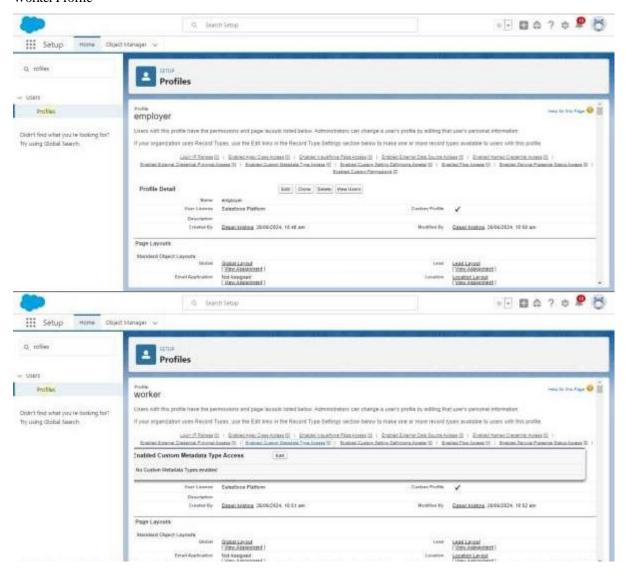
2. Profiles

#### Owner Profile



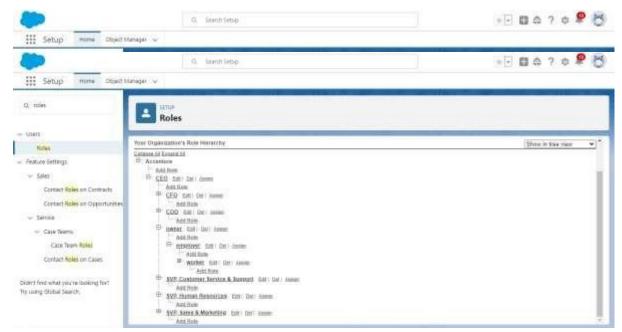
### Employer profile

### Worker Profile



# Creating Owner Role

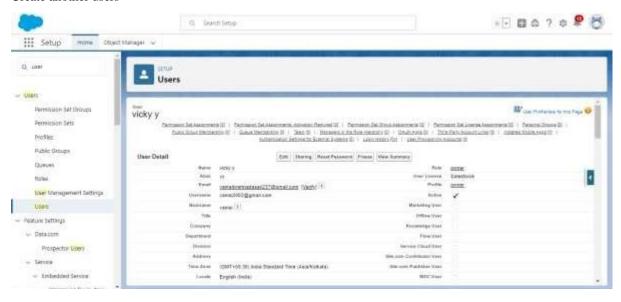
# Creating Employer Role

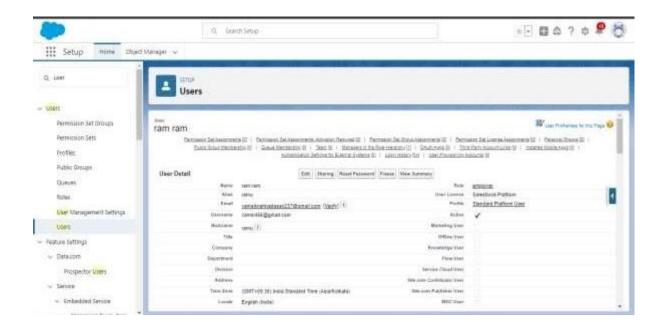


#### **USERS**

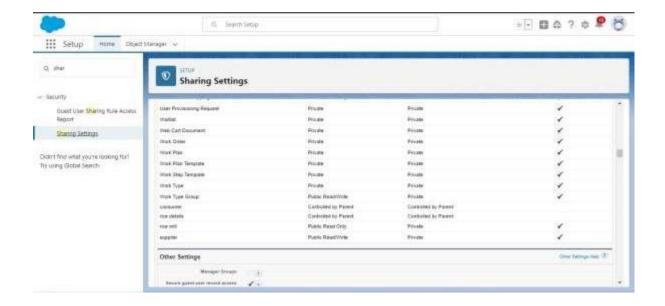
#### Create Users

#### Create another users



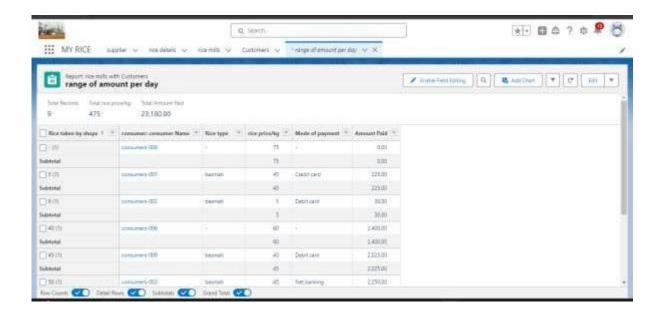


# Creating OWD settings



# Reports

# Create Report



### 11.DashBoards

