

**Project Title:A CRM Application to Manage the
Booking of Co-Living**

By

SIVALA ASHRITHA PRIYA

Email id: sivalaashrithapriya@gmail.com

Project Abstract

The Co-Living Space project is designed to cultivate a vibrant and inclusive community where individuals can live, work, and connect with like-minded people. By fostering collaboration and reducing isolation, this shared living environment aims to enhance the overall quality of life for its residents

The project features a thoughtfully designed layout that balances privacy with communal spaces, creating an ideal atmosphere for both personal space and social interaction. The Co-Living Space application serves as a central platform where residents can manage various aspects of their stay. Users can store personal details, select from a variety of air-conditioned rooms with multiple sharing options, and choose daily special food items tailored to their preferences. Additionally, the application facilitates payments through various modes, ensuring convenience for all residents.

To maintain a high standard of living, the platform also enables users to provide feedback on services such as room cleaning, internet connectivity, and food quality. By integrating these features, the Co-Living Space project not only provides a comfortable living environment but also promotes a sense of community and shared responsibility among its residents.

INDEX PAGE

Topics	Page No.
TASK 1	3-5
TASK 2	5-10
TASK 3	10-13
TASK 4	13-15
TASK 5	15-31
TASK 6	32-33
TASK 7	33-36
TASK 8	36-37
TASK 9	38-40
TASK 10	40-42
TASK 11	42-43
TASK 12	44-45
TASK 13	45-49

INTRODUCTION

Our co-living space project aims to create a vibrant and inclusive community where individuals can live, work, and connect with like-minded people. We believe that living together in a shared environment fosters collaboration, reduces isolation, and enhances the overall quality of life.

The co-living space will feature a carefully designed layout that balances privacy and communal areas. Co-living Space is an application where customer Details are stored in order to choose the different AC rooms with Multiple Sharing. Special foods items will be selected by the user in Daily and make Payments in different modes. And also give the feedback of the service like Room cleaning, internet connection and foods etc...

TASK1: Create and activate a salesforce account

1.1 Creating Developer Account

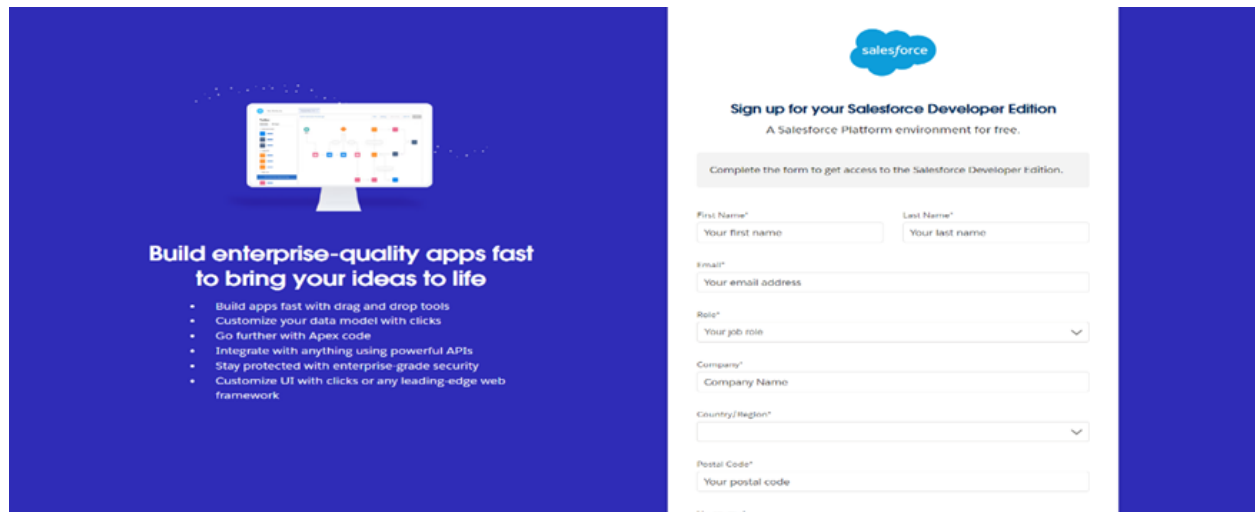
Creating a developer org in salesforce.

1. Go to <https://developer.salesforce.com/signup>
2. On the sign up form, enter the following details :
 1. First name & Last name
 2. Email
 3. Role : Developer
 4. Company : College Name
 5. County : India
 6. Postal Code : pin code

Username : should be a combination of your name and company

This need not be an actual email id; you can give anything in the format: username@organization.com

Click on sign me up after filling these.

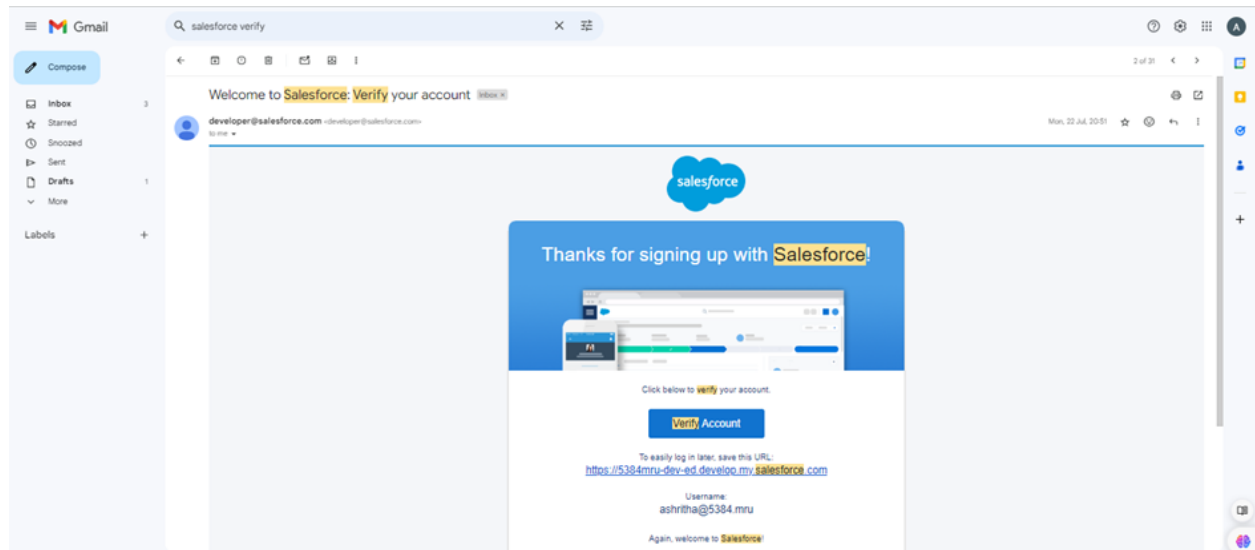


The image shows the Salesforce Developer Edition sign-up page. On the left, a blue banner features a computer monitor displaying a Salesforce interface and the text: "Build enterprise-quality apps fast to bring your ideas to life". Below this, a list of features is provided: "Build apps fast with drag and drop tools", "Customize your data model with clicks", "Go further with Apex code", "Integrate with anything using powerful APIs", "Stay protected with enterprise-grade security", and "Customize UI with clicks or any leading-edge web framework". On the right, the Salesforce logo is at the top, followed by the heading "Sign up for your Salesforce Developer Edition" and the subtext "A Salesforce Platform environment for free." Below this, a form asks the user to "Complete the form to get access to the Salesforce Developer Edition." The form fields include: "First Name*" (with placeholder "Your first name"), "Last Name*" (with placeholder "Your last name"), "Email*" (with placeholder "Your email address"), "Role*" (a dropdown menu with placeholder "Your job role"), "Company*" (with placeholder "Company Name"), "Country/Region*" (a dropdown menu), "Postal Code*" (with placeholder "Your postal code"), and "Username*" (a text field).

1.2 Account Activation

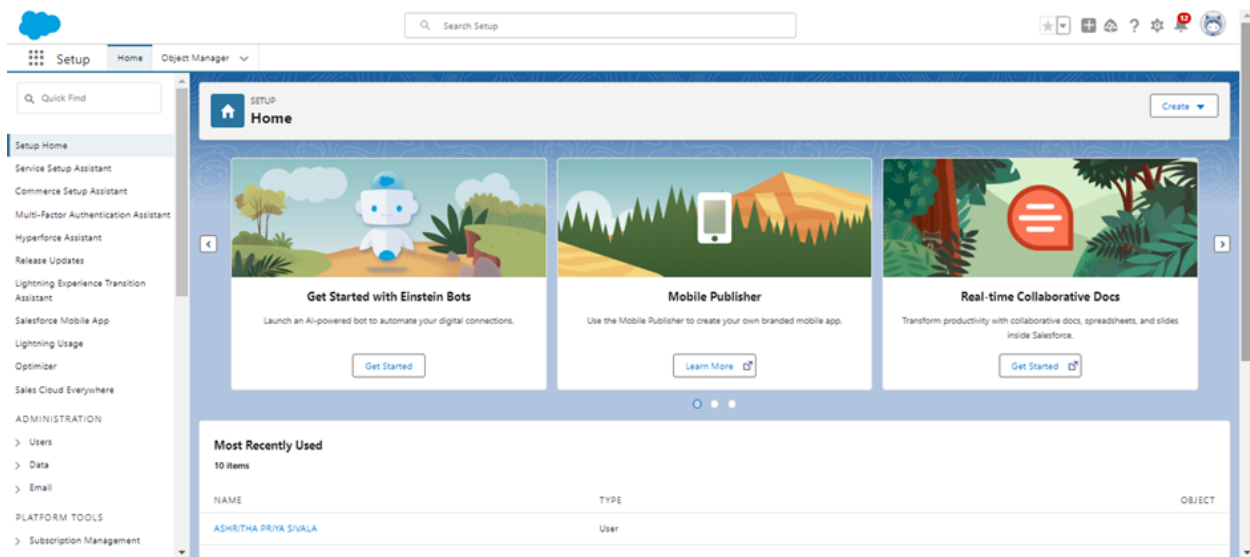
1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.

2. Click on Verify Account



3. Give a password and answer a security question and click on change password.

4. when you will redirect to your salesforce setup page.



TASK2: Create Objects

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

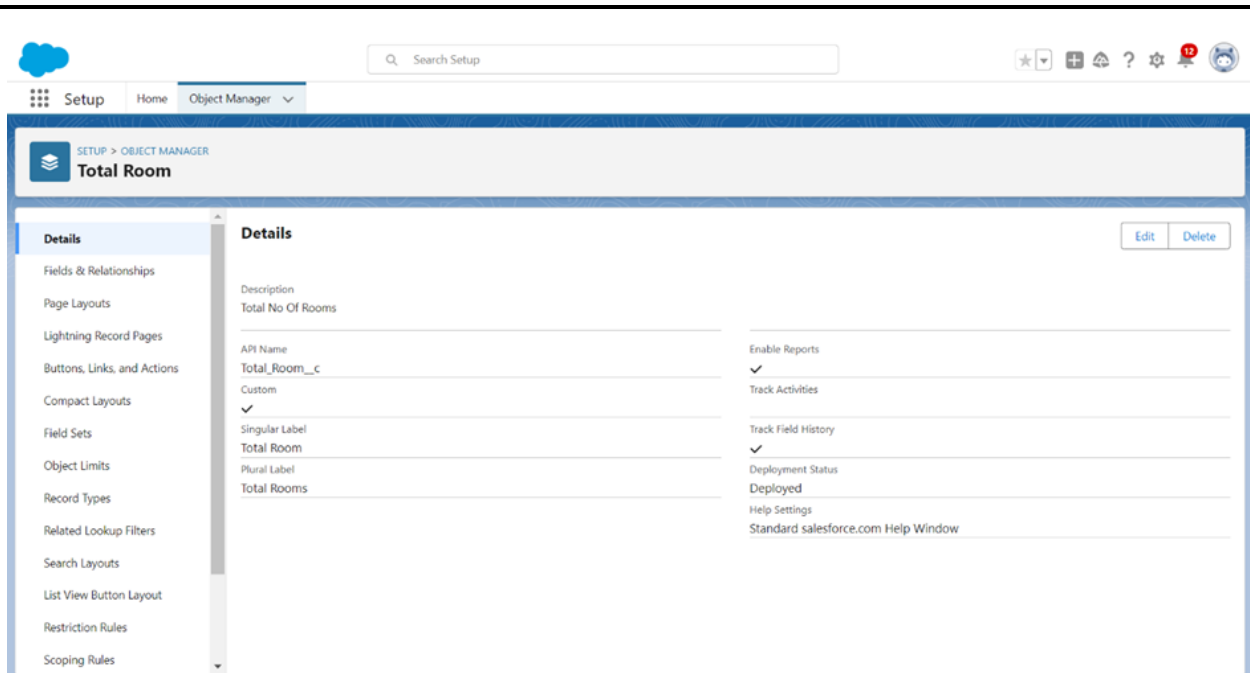
Salesforce objects are of two types:

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.

2.1 Create a custom object for Total Rooms

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.
3. Fill in the label as " Total Room ".
4. Fill in the plural label as " Total Rooms ".
5. Record name: "Total No Of Rooms"
6. Select the data type as "Text".
7. In the Optional Features section, select Allow Reports and Track Field History.
8. In the Deployment Status section, ensure Deployed is selected.
9. In the Search Status section, select Allow Search.
10. In the Object Creation Options section, select Add Notes and Attachments related list to default page layout.

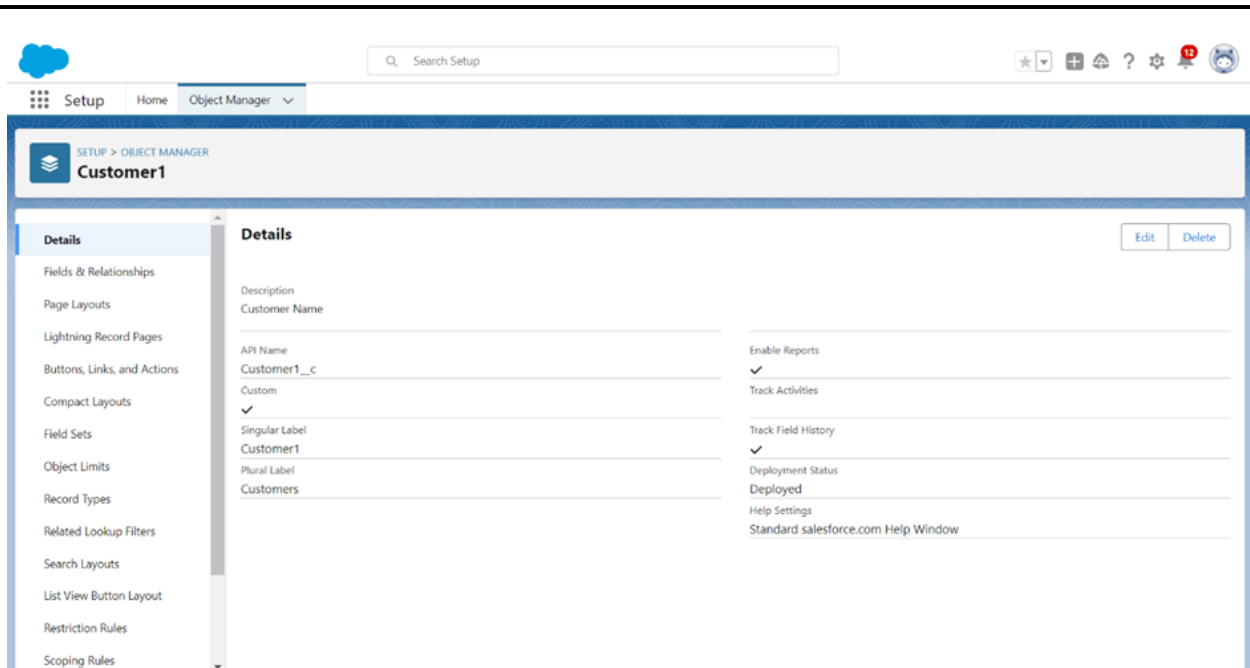


11. Leave everything else as is, and click Save.

2.2 Create a custom object for Customer

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.
3. Fill in the label as " Customer1 ".
4. Fill in the plural label as " Customers ".
5. Record name: "Customer Name"
6. Select the data type as "Text".

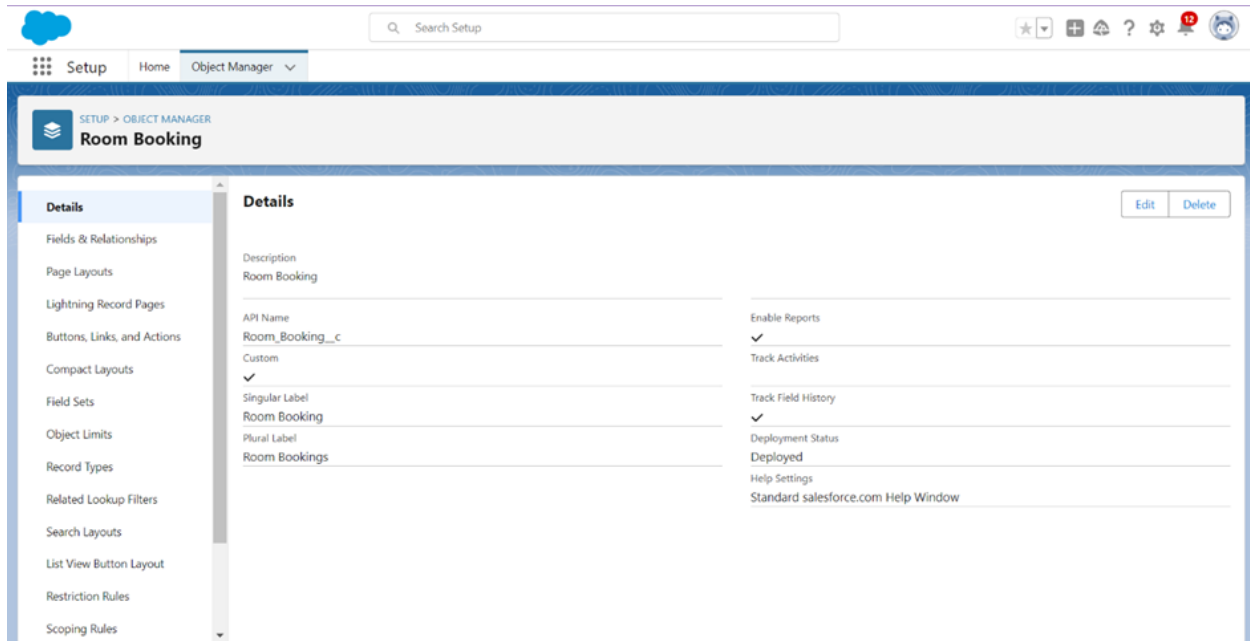


7. Follow steps 7 to 11 as mentioned for the previous object.

2.3 Create a custom object for Room Booking

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.
3. Fill in the label as " Room Booking ".
4. Fill in the plural label as " Room Bookings ".
5. Record name: "Room No "
6. Select the data type as "Auto number ".
7. Under Display format enter RN-{000}
8. Enter starting Number as 1

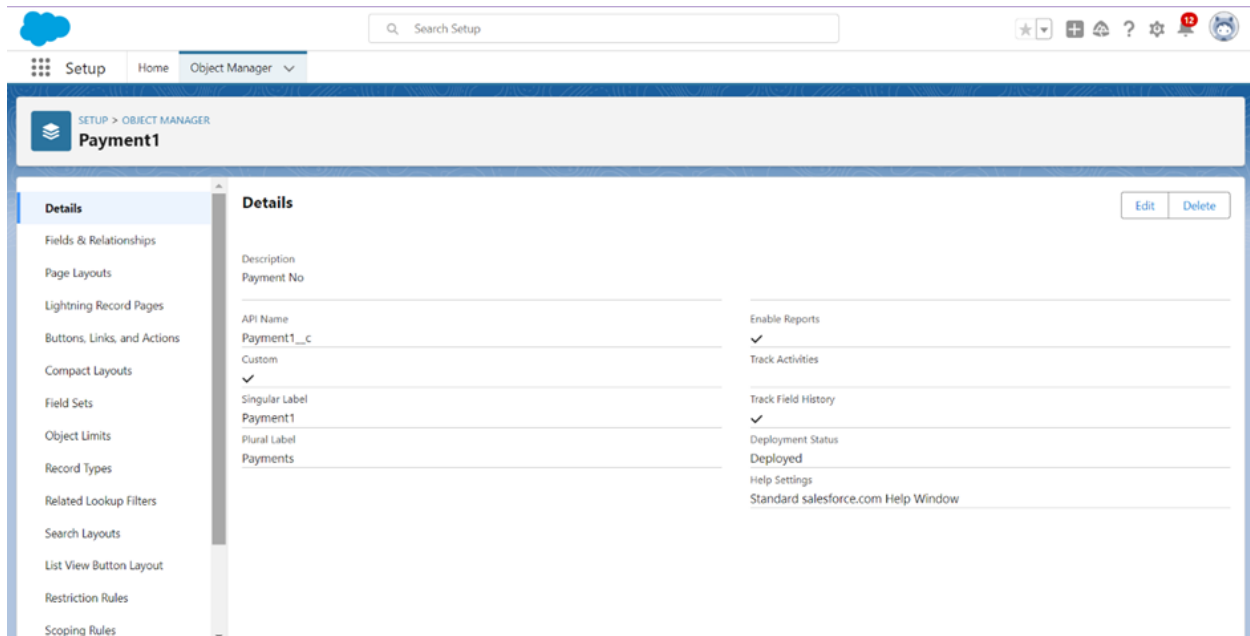


9. Follow the remaining steps as mentioned previously.

2.4 Create a custom object for Payment

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.

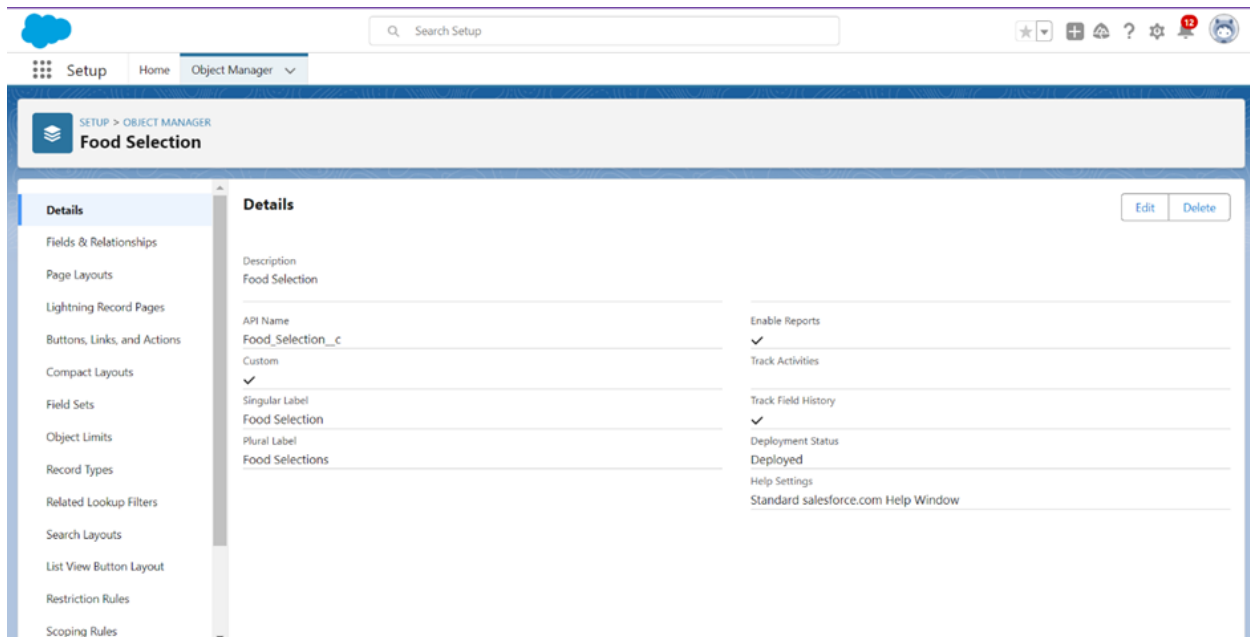


3. Fill in the label as " Payment1".
4. Fill in the plural label as " Payments ".
5. Record name: "Payment No "
6. Select the data type as "Auto number ".
7. Under Display format enter PNO-{000}
8. Enter starting Number as 1
9. Follow the remaining steps as mentioned previously.

2.5 Create a custom object for Food Selection

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.
3. Fill in the label as " Food Selection ".
4. Fill in the plural label as " Food Selections ".
5. Record name: " Food Selection No "
6. Select the data type as "Auto number ".
7. Under Display format enter FS No-{000}
8. Enter starting Number as 1

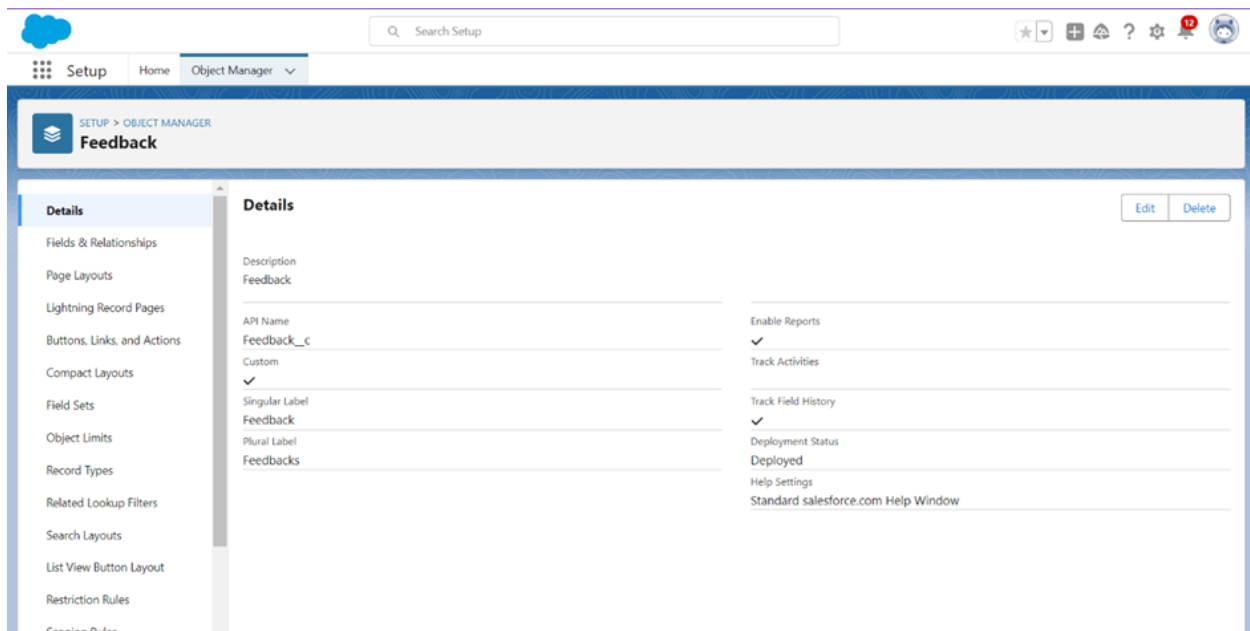


9. Follow the remaining steps as mentioned previously.

2.6 Create a custom object for Feedback

To create a custom object, follow these steps:

1. From setup, click on object manager.
2. Click create, select a custom object.
3. Fill in the label as " Feedback ".
4. Fill in the plural label as " Feedbacks ".
5. Record name: "Feedback No "
6. Select the data type as "Auto number ".
7. Under Display format enter Fd No-{0000}
8. Enter starting Number as 1



9. Follow the remaining steps as mentioned previously.

TASK3: Creating Tabs

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

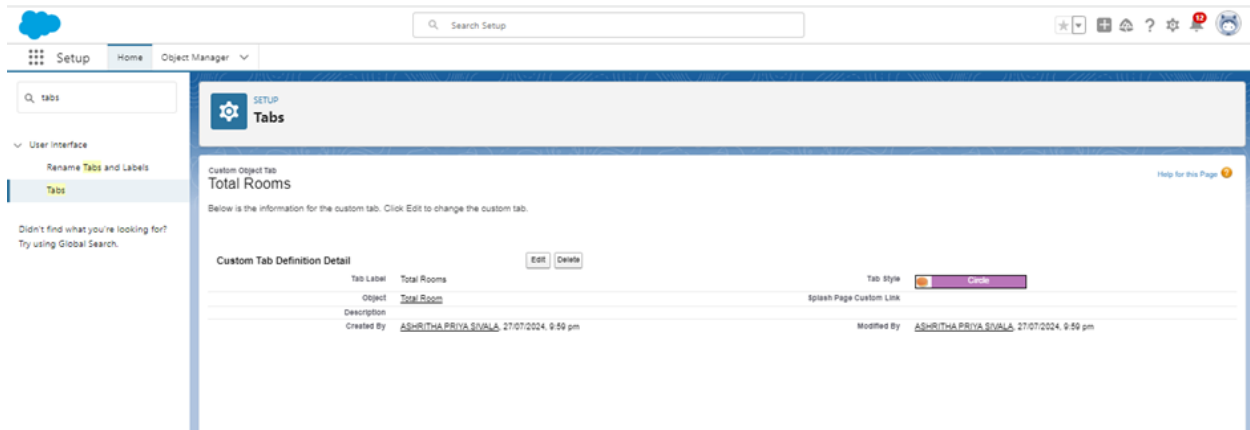
Types of Tabs:

1. Custom Tabs
2. Web Tabs
3. Visualforce Tabs
4. Lightning Component Tabs
5. Lightning Page Tabs

3.1 Creating a Tab for Total Rooms

To create a Tab:(Total Rooms):

1. Go to the setup page > type Tabs in the Quick Find bar > click on tabs > New (under the custom object tab)
2. Select Object(Total Rooms) > Select the tab style.
3. Next (Add to the profiles page) keep it as default

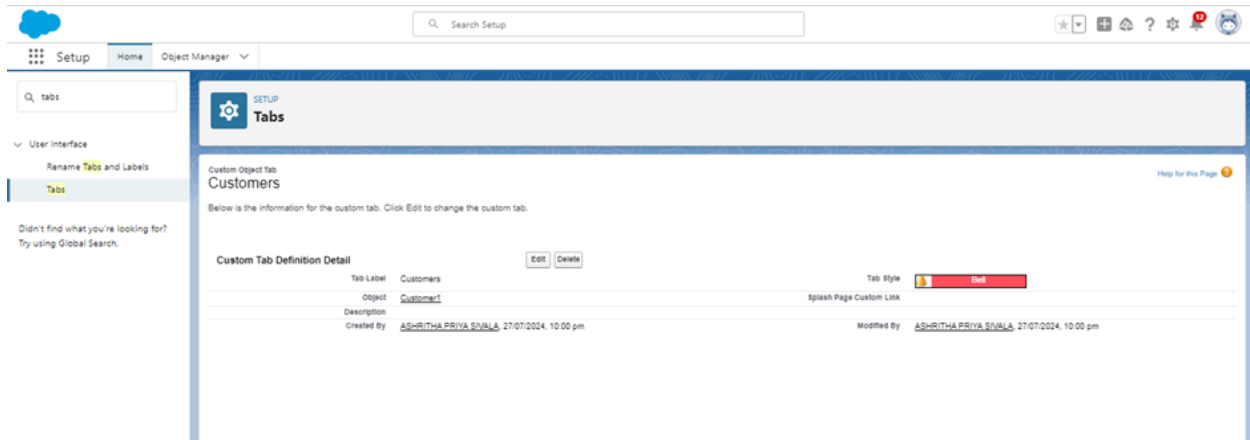


4. Next (Add to Custom App) keep it as default & save.

3.2 Create a Tab for Customers

To create a Tab:(Customers)

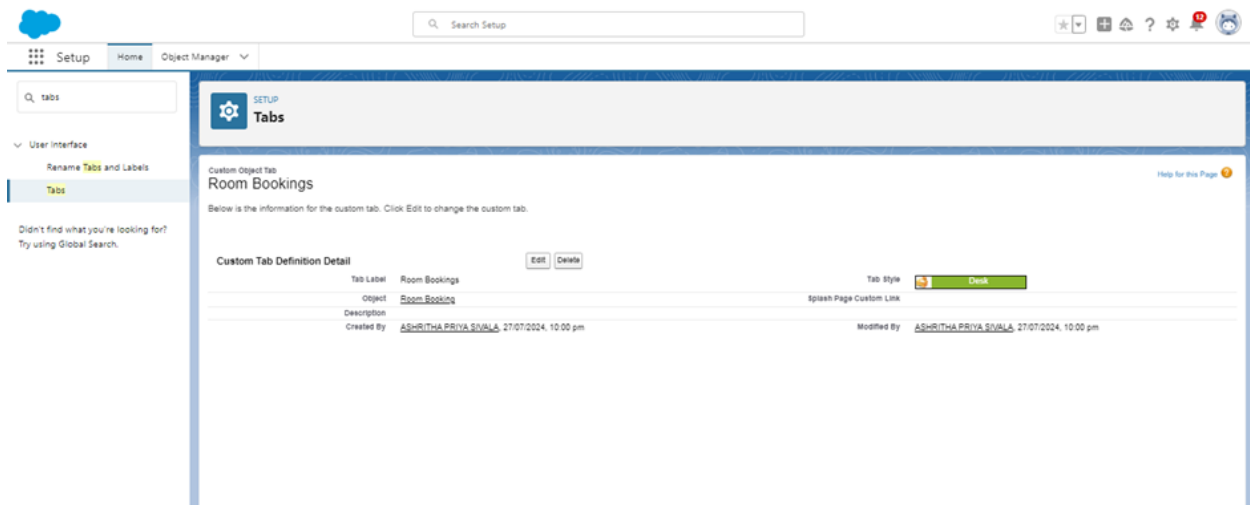
1. Go to the setup page > type Tabs in the Quick Find bar > click on tabs > New (under the custom object tab)
2. Select Object(Customers) > Select the tab style > Next (Add to profiles page) keep it as default > Next (Add to Custom App) keep it as default > Save.



3.3 To create a Tab for Room Bookings

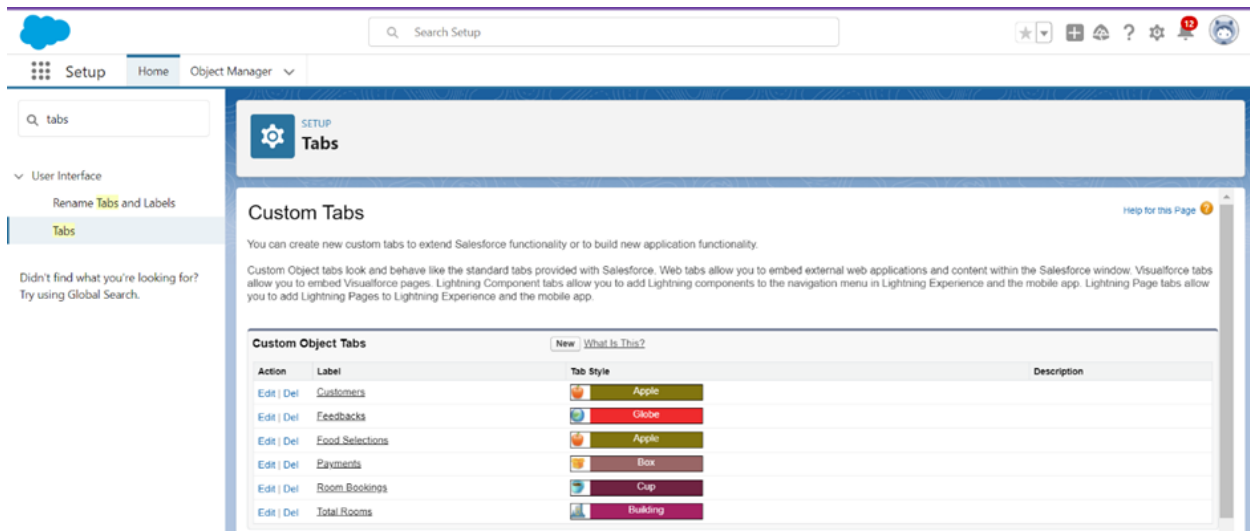
To create a Tab:(Room Bookings)

1. Go to the setup page > type Tabs in the Quick Find bar > click on tabs > New (under the custom object tab)
2. Select Object(Room Bookings) > Select the tab style > Next (Add to profiles page) keep it as default > Next (Add to Custom App) keep it as default > Save.



3.4 Create a Tabs For Remaining Objects

Now create the tabs for Payments, Food Selections, and Feedback Objects.



TASK4: 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 organization can work more efficiently by easily switching between apps.

4.1 Create a Lightning App

1. Go to the setup page > search “app manager” in quick find > select “app manager” > click on New lightning App.

Lightning Experience App Manager

23 Items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type

	App Name ↑	Developer Name	Description	Last Modified Date	App Type	Visible in LL...	
1	All Tabs	AllTabSet		22/07/2024, 8:18 pm	Classic		
2	Analytics Studio	Insights	Build CRM Analytics dashboards and apps	22/07/2024, 8:18 pm	Classic	✓	
3	App Launcher	AppLauncher	App Launcher tabs	22/07/2024, 8:18 pm	Classic	✓	
4	Automation	FlowsApp	Automate business processes and repetitive tasks.	22/07/2024, 8:24 pm	Lightning	✓	
5	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your industry.	22/07/2024, 8:21 pm	Lightning	✓	
6	Community	Community	Salesforce CRM Communities	22/07/2024, 8:18 pm	Classic	✓	
7	Content	Content	Salesforce CRM Content	22/07/2024, 8:18 pm	Classic	✓	
8	Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and manage recipes.	22/07/2024, 8:18 pm	Lightning	✓	
9	Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	22/07/2024, 8:18 pm	Lightning	✓	
10	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	22/07/2024, 8:18 pm	Lightning	✓	
11	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	22/07/2024, 8:18 pm	Classic	✓	
12	Platform	Platform	The fundamental Lightning Platform	22/07/2024, 8:18 pm	Classic		
13	Queue Management	QueueManagement	Create and manage queues for your business.	22/07/2024, 8:18 pm	Lightning	✓	
14	Sales	Sales	The world's most popular sales force automation (SFA) solution	22/07/2024, 8:18 pm	Classic		
15	Sales	LightningSales	Manage your sales process with accounts, leads, opportunities, and more	22/07/2024, 8:18 pm	Lightning	✓	
16	Sales Console	LightningSalesConsole	(Lightning Experience) Lets sales reps work with multiple records on one screen	22/07/2024, 8:18 pm	Lightning	✓	

2. Fill out the app name in app details and branding > Next > (App option page) keep it as default > Next > (Utility Items) keep it as default > Next.

Lightning App Builder • App Settings • Pages • The Booking Of Co-Living • Help

App Settings

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 The Booking Of Co-Living

*Developer Name The_Booking_Of_Co-Living

Description Enter a description...

App Branding

Image Upload

Primary Color Hex Value #007002

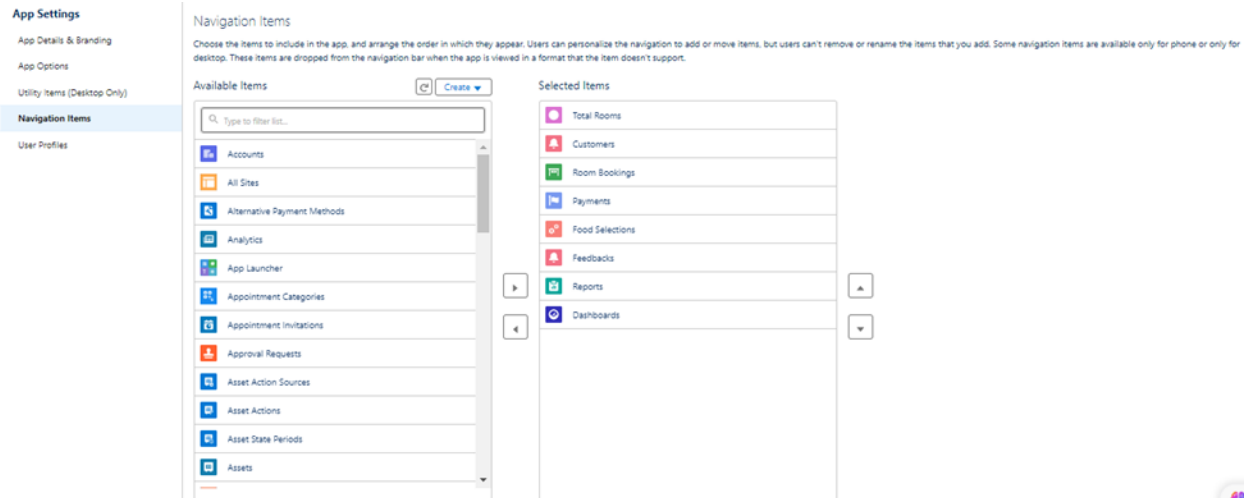
Org Theme Options

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

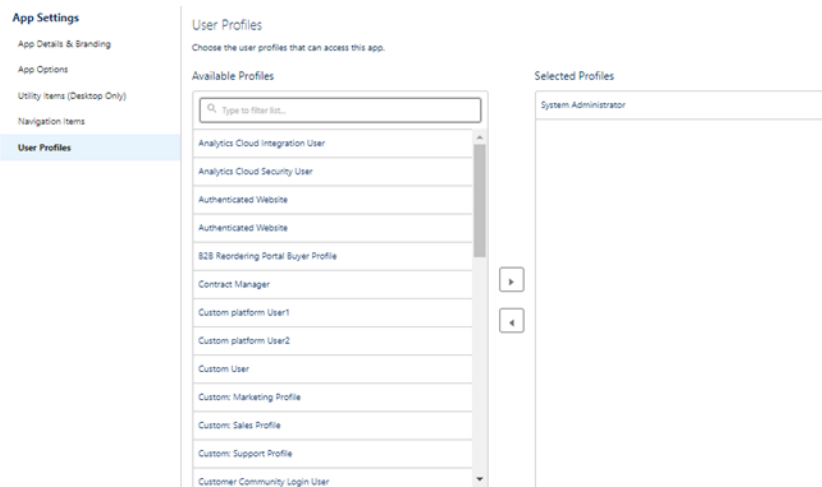
App Launcher Preview

The Booking Of Co-Living

3. To Add Navigation Items: Ctrl and Select the items (Total Rooms, Customers1, Room Booking, Payments1, Food selection, Feedbacks, Reports, and Dashboards) from the search bar and move it using the arrow button > Next.



4. To Add User Profiles:



5. Search profiles (System administrator) in the search bar > click on the arrow button > save & finish.

TASK5: Fields & Relationships

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

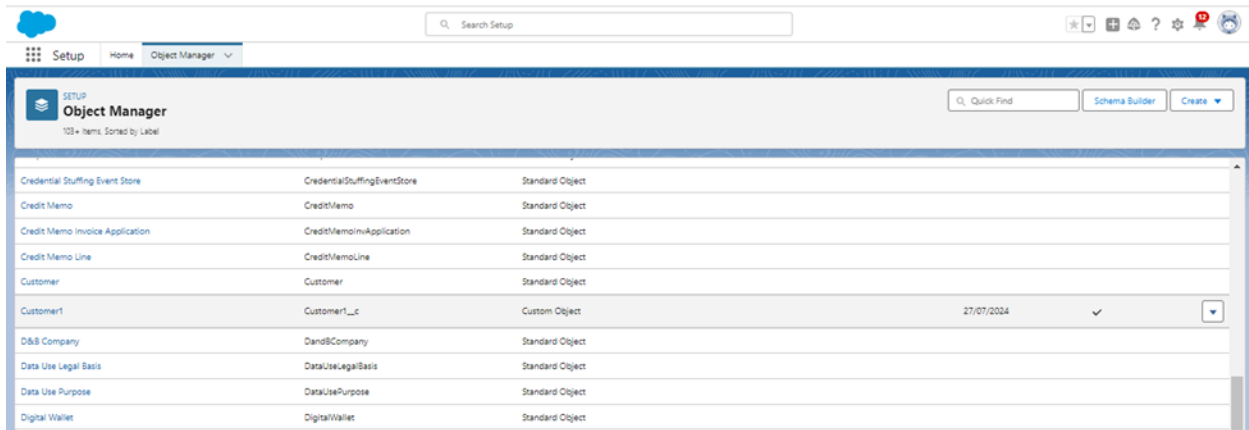
Custom Fields:

On the other side of the coin, Custom Fields are 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.

5.1 Creation of fields for the customer1 object

5.1.1 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Customer1) in search bar > click on the object.



2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Phone”
4. Click on next
5. Fill out the Above as following:

1. Field Label: Phone no
2. Field Name : gets auto generated
3. Click on Next > Next > Save and new.

5.1.2 To create another fields in an object:

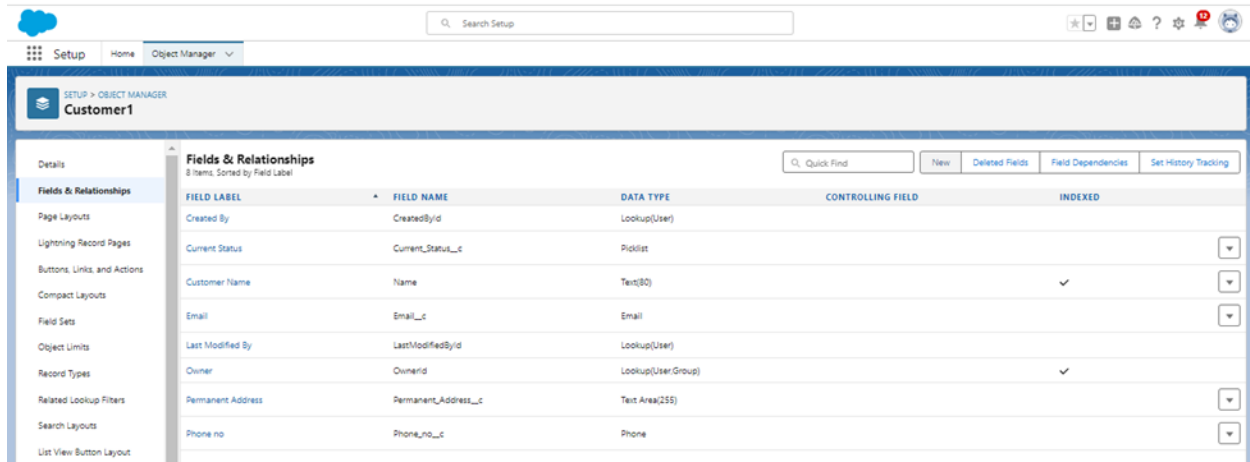
1. Go to setup > click on Object Manager > type object name(Customer1) in search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data type as an “Email” and Click on Next
4. Fill the Above as following:
 - Field Label: Email
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new.

5.1.3 To create another fields in an object:

1. Go to setup > click on Object Manager > type object name(Customer1) in search bar > click on the object.
2. Now click on “Fields & Relationships”? New
3. Select Data type as a “Text Area” and Click on Next
4. Fill the Above as following:
 - Field Label: Permanent Address
 - Field Name : It’s gets auto generated
 - Click on Next > Next > Save and new.

5.1.4 To create another fields in an object:

1. Go to setup > click on Object Manager > type object name(Customer1) in search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data type as a “Picklist” and Click on Next
4. Fill the Above as following:
 - Field Label: Current Status
 - Value - Select enter values with each value separated by a new line
 1. Student
 2. Employee
 3. Others
 - Select required
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new.



5.2 Creation of fields for the Room Booking object

5.2.1 To create fields in an object:

- 1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
- 2. Now click on “Fields & Relationships” > New
- Select Data Type as a “Picklist”
- Click on Next
- Fill the Above as following:
 - Field Label: Room Sharing
 - Value - Select enter values with each value separated by a new line
 1. Single sharing
 2. Double sharing
 3. Triple sharing
 - Select required
 - Click on Next > Next > Save and new.

5.2.2 To Create a Fields & Relationship to an Room Booking Object

To create fields & relationships to an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Master-detail Relationship”

4. Click on Next

5. Click on the Related to drop down and Select the “Customer1” object and click on Next

6. Fill out the Above as following:

- Change the Field Label: Name
- Field Name : It’s gets auto generated
- Click on Next > Next > Save and new.

5.2.3 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Checkbox”
4. Click on Next
5. Fill the Above as following:
 - Field Label: AC-3000
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new

5.2.4 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Checkbox”
4. Click on Next
5. Fill the Above as following:
 - Field Label: Advance Payment for 1 Month
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new

5.2.5 To create fields in an object:

1. Go to setup ? click on Object Manager ? type object name(Room Booking) in the search bar ? click on the object.
2. Now click on “Fields & Relationships”? New
3. Select Data Type as a “Currency”
4. Click on Next
5. Fill the Above as following:
 - Field Label: Amount
 - Length: (18,0)
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new

5.2.6 To Create a Fields & Relationship to an Object

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships”? New
3. Select Data Type as a “Master-detail Relationship”
4. Click on Next
5. Click on the Related to drop down and Select the “Total Rooms” object and click on Next
 - Fill the Above as following:
 - Change the Field Label: Total No Of Rooms
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new.

5.2.7 To Create a Rollup Summary Field in “Total Room Object”

1. After Creating the Master- Detail Relationship, Only you can create the Rollup Summary
2. Go to setup > click on Object Manager > type object name(Total Rooms) in the search bar > click on the object.
3. Now click on “Fields & Relationships”? New
4. Select Data type as a “Roll-up Summary” and Click on Next
 - Fill the Above as following:
 - Field Label: Rooms Booked
 - Field Name :It’s gets auto generated
 - Click on Next
5. Select the Room Bookings in the Summarized Object
6. Select the count Radio button in the select Roll-up Type
7. Click on Next > Next > Save and new

5.2.8 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Rooms Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data type as a “Formula” and Click on Next
4. Fill the Above as following:
 - Field Label: Rooms Available
 - Field Name : It’s gets auto generated
 - Select the Formula Return Type as “Number”
 - Select the Decimal places as “0” and Click on Next
 - Click on the Advanced Formula and Enter the value in formula box “ 30 - ” and Click on insert field than you will find a pop window under the Room Booking select the Total No Of Rooms in the second Column and select the Room Booked in the third column and click on insert “ 30 -

Total_No_Of_Rooms__r.Rooms_Booked__c ” and Check Syntax

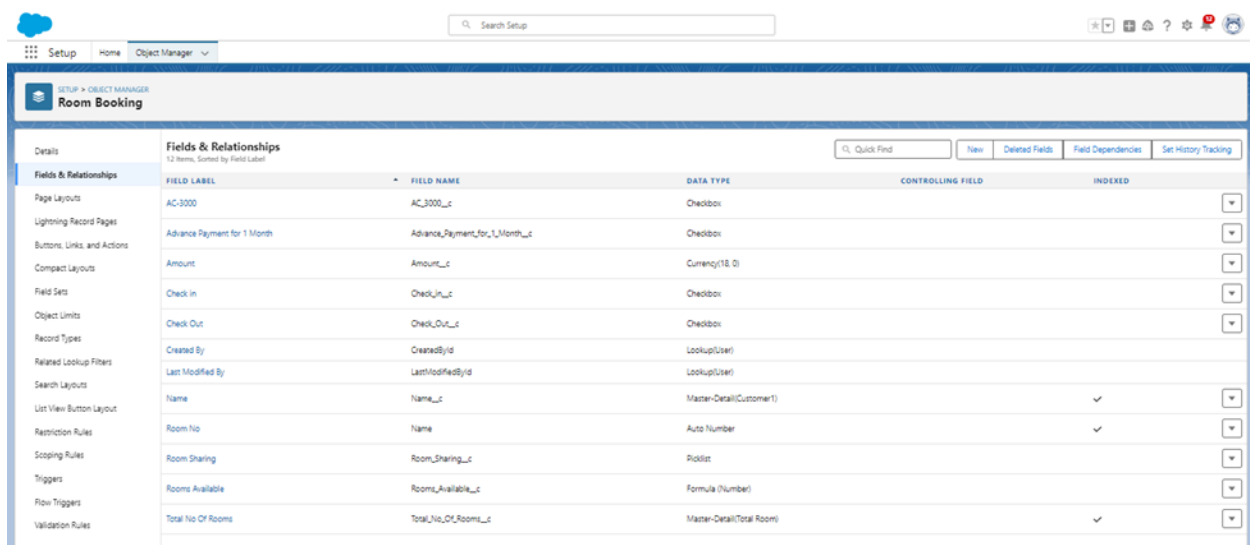
- Click on Next > Next > Save and new.

5.2.9 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Checkbox”
4. Click on Next
5. Fill the Above as following:
 - Field Label: Check in
 - Field Name: It's gets auto generated
 - Click on Next > Next > Save and new

5.2.10 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Fields & Relationships”? New
3. Select Data Type as a “Checkbox”
4. Click on Next
5. Fill the Above as following:
 - Field Label: Check Out
 - Field Name: It's gets auto generated
 - Click on Next > Next > Save and new



FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
AC-3000	AC_3000_c	Checkbox		
Advance Payment for 1 Month	Advance_Payment_for_1_Month_c	Checkbox		
Amount	Amount_c	Currency(18, 0)		
Check in	Check_In_c	Checkbox		
Check Out	Check_Out_c	Checkbox		
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Name	Name_c	Master-Detail(Customer)		✓
Room No	Name	Auto Number		✓
Room Sharing	Room_Sharing_c	Picklist		
Rooms Available	Rooms_Available_c	Formula (Number)		
Total No Of Rooms	Total_No_Of_Rooms_c	Master-Detail(Total Room)		✓

5.3 Creation of Fields & Relationship for Payment1 Object

5.3.1 To create fields & relationship to an object:

- Go to setup > click on Object Manager > type object name(Payment1) in the search bar > click on the object.
- Now click on “Fields & Relationships” > New
- Select Data Type as a “Master-detail Relationship”
- Click on Next
- Click on the Related to drop down and Select the Customer1 object and click on Next
- Fill the Above as following:
- Change the Field Label: Name
- Field Name :It’s gets auto generated
- Click on Next > Next > Save and new.

5.3.2 To create another fields & relationship to an object:

- Go to setup > click on Object Manager > type object name(Payment1) in the search bar > click on the object.
- Now click on “Fields & Relationships” > New
- Select Data Type as a “Lookup Relationship”
- Click on Next
- Click on the Related to drop down and Select the Room Booking object and click on Next
- Fill the Above as following:
- Change the Field Label: Room Booking
- Field Name :It’s gets auto generated
- Click on Next > Next > Save and new.

5.3.3 Creation of another fields for the Payment1 object

To create fields in an object:

- Go to setup > click on Object Manager > type object name(Payment1) in the search bar > click on the object.
- Now click on “Fields & Relationships” > New
- Select Data Type as a “Picklist”
- Fill the Above as following:
 - Field Label: Payment Mode
 - Value - Select enter values with each value separated by a new line
- 1. Cash
- 2. Check
- 3. Credit card

4. Debit card
5. UPI
6. Phonepe
7. Gpay
8. Paytm
 - Select required
 - Click on Next > Next > Save and new.

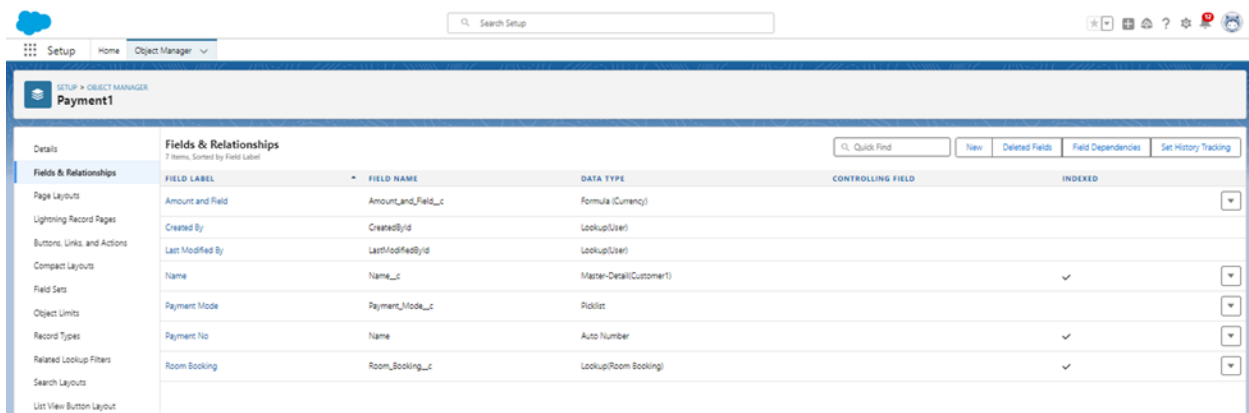
Cross Object Formula Field:

In Salesforce, a cross-object formula field allows you to create a formula that references fields from related objects. It enables you to perform calculations or display data from related records without the need for custom code or complex workflows.

5.3.4. Create a Cross object formula Field in Payment1 Object

Go to setup > click on Object Manager > type object name(Payment1) in the search bar > click on the object.

- Now click on “Fields & Relationships” > New
- Select Data Type as a “Formula”
- Click on Next
- Enter the Field label: Amount and Field name: gets auto generated and click on Next
- In the Advanced Formula Click on the Insert field in the popup Screen Select the Payment1 and in the second drop down select the Room Booking and in the three drop down select the Amount field and click on Insert “ Room_Booking__r.Amount__c ”.
- Click on the Check syntax: No syntax errors in merge fields
- Click on Next > Next > Save and new.



5.4. Creation of fields for the Food Selection object

5.4.1 To create fields & relationship to an object:

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar >

click on the object.

2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Master-detail Relationship”
4. Click on Next
5. Click on the Related to drop down and Select the Customer1 object and click on Next
6. Fill the Above as following:
 - Change the Field Label: Name
 - Field Name :It’s gets auto generated
 - Click on Next > Next > Save and new.

Picklist value sets:

Global picklist value sets let you share the values across objects. Base custom picklist fields on a global value set to inherit its values.

Create a picklist value set:

1. First, click on the gear icon and click on setup
2. Click on the home tab in the Quick find box and search for the “Picklist value sets”
3. Click on the Picklist value set and click on new
4. Enter the Label name and API name automatically Generate
5. Enter the values with each value separated by a new line
 - Sunday
 - Monday
 - Tuesday
 - Wednesday
 - Thursday
 - Friday
 - Saturday
6. Check the Use first value as default value and Click on save.

5.4.2 Create a picklist Field for Food selection object

To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Breakfast
 - Under Value - Select the Use global picklist value set
 - Under the drop-down select the Custom Picklist Values
 - Select required
 - Click on Next > Next > Save and new.

5.4.3 Create another picklist Field for Food selection object

To create fields in an object :

1. Go to setup > click on Object Manager > type object name (Food Selection) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Select Breakfast
 - Under Value - Enter values, with each value separated by a new line
 1. Idli
 2. Bonda
 3. Dosa
 4. Upma
 5. Vada
 6. Puri
 7. Chapati
 - Select Checkbox Use First value as default Value
 - Click on Next > Next > Save and new.

Field Dependency:

A field dependency refers to a relationship between two fields on an object where the values of one field determine the available values for another field. Field dependencies are commonly used to create picklist field relationships, where the available options in a dependent picklist are determined by the value selected in a controlling picklist.

Create a Field Dependency on Breakfast and Select Breakfast Fields in the Food Selection Object.

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now Click on fields & relationships and Click on Field Dependencies
3. Now Click on New Option
4. Under Controlling Field: Breakfast, Dependent Field: Select Breakfast and Click on Continue
5. Under the Sunday Ctrl and select the Picklist values Idli,Dosa,Puri and Click on Include Values in such a way that do for the remaining days and click on save.

5.4.4 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar ?

click on the object.

2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Lunch
 - Under Value - Select the Use global picklist value set
 - Under the drop-down select the Custom Picklist Values
 - Select required
 - Click on Next > Next > Save and new.

5.4.5 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Select Lunch
 - Under Value - Enter values, with each value separated by a new line
 1. Meals
 2. Chicken biryani
 3. Veg biryani
 4. Veg fried rice
 5. Egg fried rice
 6. Chicken fried rice
 7. Curd rice
 8. Tomato rice
 9. Egg noodles
 10. Chicken Noodles
 11. Bhagara rice
 - Select Checkbox Use First value as default Value
 - Click on Next > Next > Save and new.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Breakfast	Breakfast__c	Picklist		
Created By	CreatedById	Lookup(User)		
Dinner	Dinner__c	Picklist		
Food Selection No	Name	Auto Number		✓
Last Modified By	LastModifiedById	Lookup(User)		
Lunch	Lunch__c	Picklist		
Name	Name__c	Master-Detail(Customer)		✓
Select Breakfast	Select_Breakfast__c	Picklist	Breakfast	
Select Dinner	Select_Dinner__c	Picklist	Dinner	
Select Lunch	Select_Lunch__c	Picklist	Lunch	

To create a Field dependencies for Lunch and Select Lunch.

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now Click on fields & relationships and Click on Field Dependencies
3. Now Click on New Option
4. Under Controlling Field:Lunch, Dependent Field: Select Lunch and Click on Continue
5. Under the Sunday Ctrl and select the Picklist values Chicken biryani, Egg fried rice, curd rice, and Click on Include Values in such a way that do for the remaining days and click on save.

5.4.6 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Dinner
 - Under Value - Select the Use global picklist value set
 - Under the drop-down select the Custom Picklist Values
 - Select required
 - Click on Next > Next > Save and new.

5.4.7 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Fill the Above as following:
 - Field Label: Select Dinner

- Under Value - Enter values, with each value separated by a new line
 - Meals
 - Chicken biryani
 - Veg biryani
 - Veg fried rice
 - Egg fried rice
 - Chicken fried rice
 - Curd rice
 - Tomato rice
 - Egg noodles
 - Chicken Noodles
 - Bhagara rice
- Select Checkbox Use First value as default Value
- Click on Next > Next > Save and new.

To create a Field dependencies for Dinner and Select Dinner.

- Go to setup > click on Object Manager > type object name(Food Selection) in the search bar > click on the object.
- Now Click on fields & relationships and Click on Field Dependencies
- Now Click on New Option
- Under Controlling Field: Dinner, Dependent Field: Select Dinner and Click on Continue
- Under the Sunday Ctrl and select the Picklist values Chicken biryani, curd rice, Chicken noodles, and Click on Include Values in such a way that do for the remaining days and click on save.

The screenshot shows the Salesforce Setup interface. The left sidebar contains navigation links: Setup Home, Service Setup Assistant, Commerce Setup Assistant, Multi-Factor Authentication Assistant, Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, Sales Cloud Everywhere, and ADMINISTRATION. The main content area is titled 'Edit Field Dependency' and shows the configuration for the 'Dinner' field. The 'Controlling Field' is 'Dinner' and the 'Dependent Field' is 'Select Dinner'. The table below shows the dependencies for the 'Dinner' field across different days of the week.

Day	Meals	Chicken biryani	Veg biryani	Veg fried rice	Egg fried rice	Chicken fried rice	Curd rice	Tomato rice	Egg noodles	Chicken Noodles	Bhagara rice
Sunday											
Monday											
Tuesday											
Wednesday											
Thursday											
Friday											
Saturday											

5.5. Creation of fields for the Feedback object

5.5.1 create fields & relationship to an object:

1. Go to setup > click on Object Manager > type object name(Feedback) in search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Lookup Relationship”
4. Click on Next
5. Click on the Related to drop down and Select the Customer1 object and click on Next
6. Fill the Above as following:
 - Change the Field Label: Name
 - Field Name: It's gets auto generated
 - Click on Next > Next > Save and new.

5.5.2 To create other fields in an Same object:

1. Go to setup > click on Object Manager > type object name (Feedback) in the search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data Type as a “Picklist”
4. Click on Next
5. Fill the Above as following:
 - Field Label: Roomcleaning
 - Field Name: It's gets auto generated
 - Under Values, select Enter values, with each value separated by a new line
 1. Good
 2. Satisfaction
 3. Bad
 - Click on Next > Next > Save and new.

5.5.3 To create a Another Fields in an Same Object

1. Go to setup > click on Object Manager > type object name(Feedback) in search bar > click on the object.
2. Now click on “Fields & Relationships”? New
3. Select Data Type as a “Picklist”
4. Click on Next
5. Fill the Above as following:

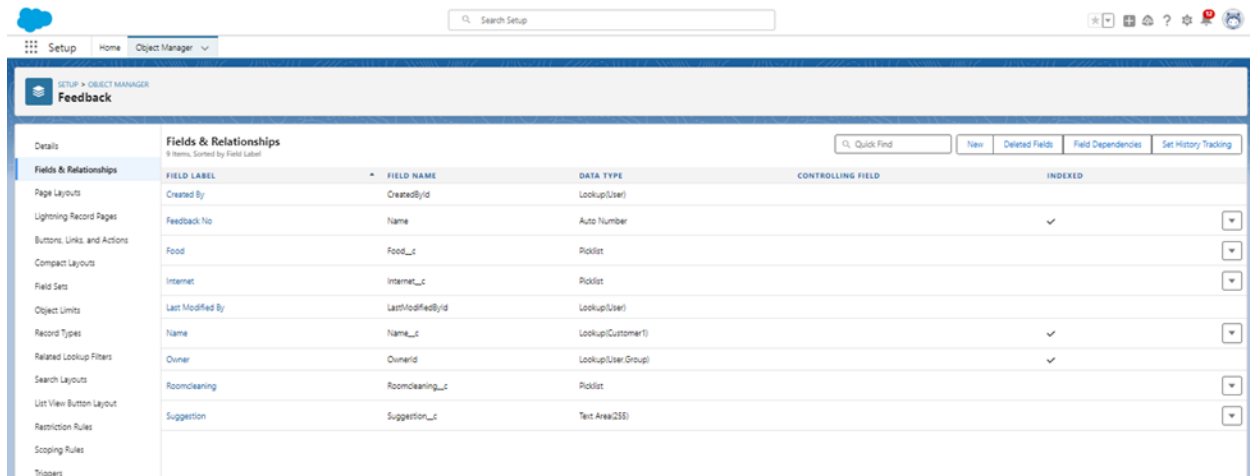
- Field Label: Internet
- Field Name: It's gets auto generated
- Under Values, select Enter values, with each value separated by a new line
- 1. Good
- 2. Satisfaction
- 3. Bad
- Click on Next > Next > Save and new.

5.5.4 To create a Another Fields in an Same Object

1. Go to setup > click on Object Manager > type object name(Feedback) in search bar > click on the object.
2. Now click on "Fields & Relationships"? New
3. Select Data Type as a "Picklist"
4. Click on Next
5. Fill the Above as following:
 - Field Label: Food
 - Field Name :It's gets auto generated
 - Under Values, select Enter values, with each value separated by a new line
 - 1. Good
 - 2. Satisfaction
 - 3. Bad
 - Click on Next > Next > Save and new.

5.5.5 To create a Another Fields in an Same Object

1. Go to setup > click on Object Manager > type object name(Feedback) in search bar > click on the object.
2. Now click on "Fields & Relationships" > New
3. Select Data Type as a "Text area"
4. Click on Next
5. Fill the Above as following:
 - Field Label: Suggestion
 - Field Name: It's gets auto generated
 - Click on Next > Next > Save and new.



Setup > Object Manager > Feedback

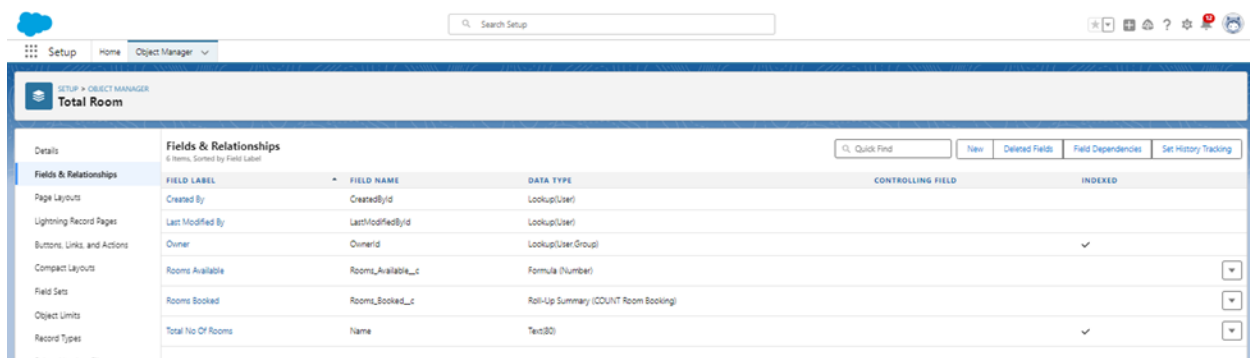
Fields & Relationships (9 items, Sorted by Field Label)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Feedback No	Name	Auto Number		✓
Food	Food__c	Picklist		
Internet	Internet__c	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Lookup(Customer)		✓
Owner	OwnerId	Lookup(User Group)		✓
Roomcleaning	Roomcleaning__c	Picklist		
Suggestion	Suggestion__c	Text Area (255)		

5.6. Creation of fields for the Total Rooms object

5.6.1 To create fields in an object:

1. Go to setup > click on Object Manager > type object name(Total Rooms) in search bar > click on the object.
2. Now click on “Fields & Relationships” > New
3. Select Data type as a “Formula” and Click on Next
4. Fill the Above as following:
5. Field Label: Rooms Available
6. Field Name : It's gets auto generated
7. Select the Formula Return Type as “Number”
8. Select the Decimal places as “0” and Click on Next
9. Note: I am Considering “Total No Of Rooms = 30” While creating a new record in Total Rooms Object.
10. Click on the Advanced Formula “ 30 - Rooms_Booked__c ” and Check Syntax
11. Click on Next > Next > Save and new.



Setup > Object Manager > Total Room

Fields & Relationships (6 items, Sorted by Field Label)

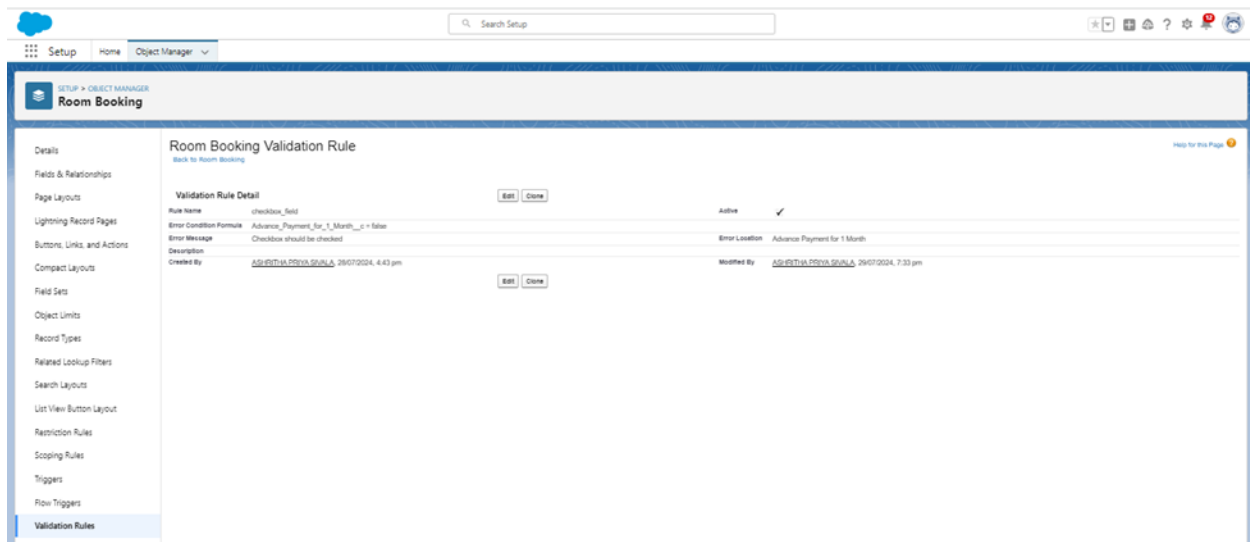
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User Group)		✓
Rooms Available	Rooms_Available__c	Formula (Number)		
Rooms Booked	Rooms_Booked__c	Roll-Up Summary (COUNT Room Booking)		
Total No Of Rooms	Name	Text(30)		✓

TASK6: Validation rule

Validation rules are applied when a user tries to save a record and are used to check if the data meets specified criteria. If the criteria are not met, the validation rule triggers an error message and prevents the user from saving the record until the issues are resolved.

6.1 Create a validation rule to a Room Booking Object

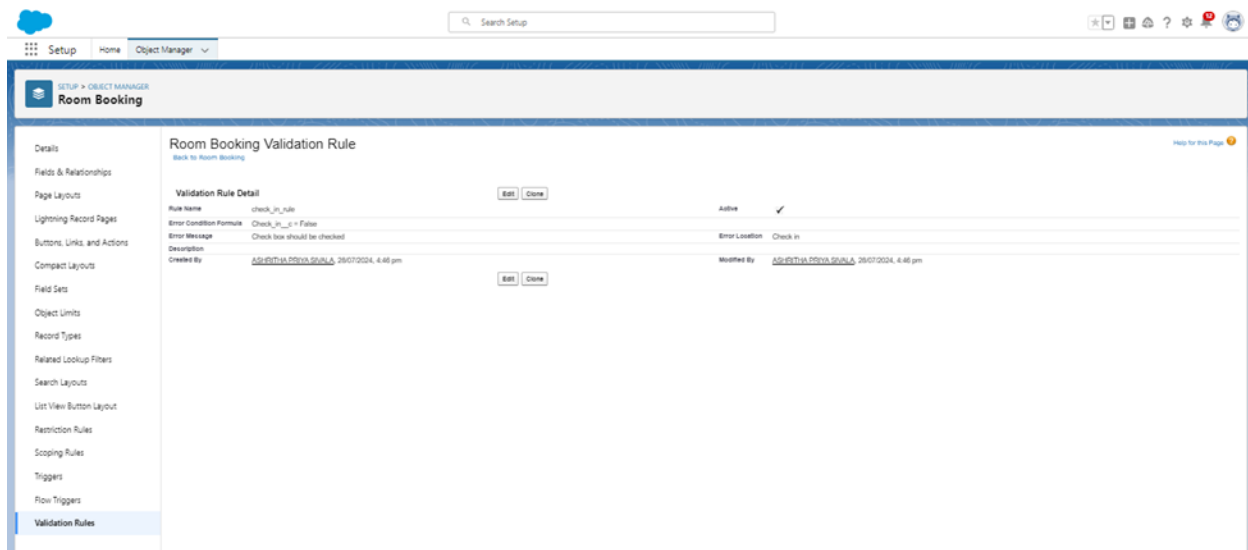
1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Validation rule” at top > New.
3. Enter Rule name “checkbox field” and make the validation should be Active.
4. Enter the formula in the formula Box “Advance_payment_for_1month__c = false” and check for syntax error.
5. Enter the error message “Checkbox should be checked”
6. Select error location as field (Advance payment for 1 month)
7. Click on save.



6.2 Create a Another validation rule to a Room Booking Object

1. Go to setup > click on Object Manager > type object name(Room Booking) in the search bar > click on the object.
2. Now click on “Validation rule” at top > New.
3. Enter Rule name “check in rule” and make the validation should be Active.
4. Enter the formula in the formula Box “ Check_in__c = False ” and check for syntax error.

5. Enter the error message “Check box should be checked”
6. Select error location as field(Check in)



TASK7: Creating 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.

2. Custom Profiles:

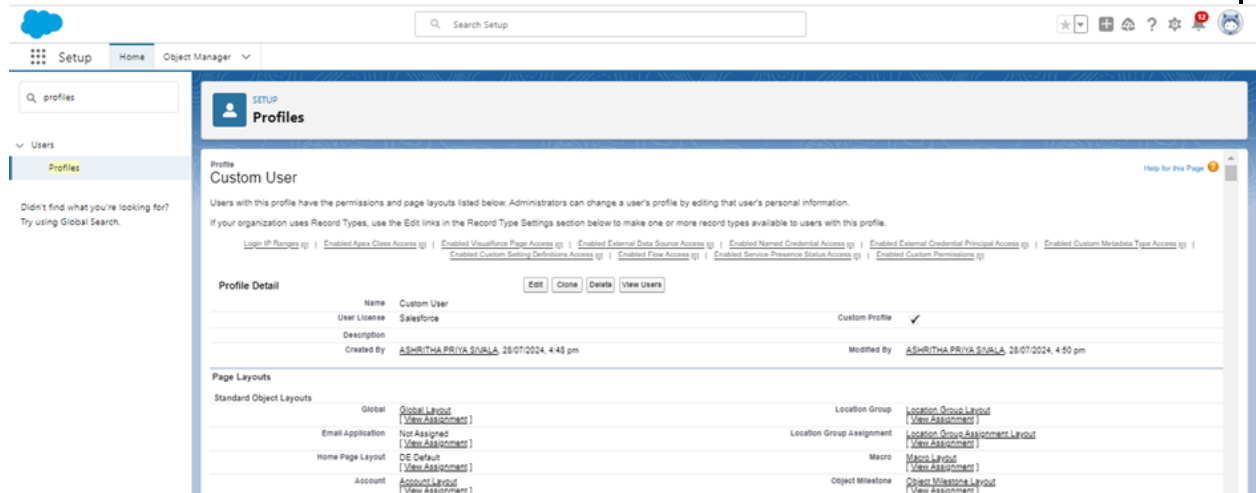
Custom ones defined by us.

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

7.1 Custom user Profile

To create a new profile:

1. Go to setup > type profiles in the quick find box > click on profiles > clone the desired profile (Standard User)



2. Enter profile name (Custom User) > Save.
3. While still on the profile page, then click Edit.
4. Scroll down to Custom Object Permissions and Give All access permissions for Customers, Feedbacks, Food selections, Payments, Room Bookings, and Total Rooms.
5. Scroll down and Click on Save.

7.2 Custom platform user1

To create a new profile:

1. Go to setup > type profiles in the quick find box > click on profiles > clone the desired profile (Standard platform User)
2. Enter profile name (Custom platform User1) > Save.
3. While still on the profile page, then click Edit.
4. Scroll down to Custom Object Permissions and Give only Read access permissions for Customers, Feedbacks, Food selections, Payments, Room Bookings, and Total Rooms.
5. Scroll down and Click on Save.

Setup Home Object Manager

Search Setup

profiles

Users

Profiles

Didn't find what you're looking for? Try using Global Search.

Profile Custom platform User1

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

Profile Detail

[Edit](#) |
 [Clone](#) |
 [Delete](#) |
 [View Users](#)

Name	Custom platform User1	Custom Profile	<input checked="" type="checkbox"/>
User License	Salesforce Platform		
Description			
Created By	ASHRITHA.PRIYA.SUBUD, 28/07/2024, 4:51 pm	Modified By	ASHRITHA.PRIYA.SUBUD, 28/07/2024, 4:52 pm

Page Layouts

Standard Object Layouts	Global	Invoice Line
	Global Layout View Assignment	Invoice Line Layout View Assignment
Email Application	Not Assigned View Assignment	Lead Layout View Assignment
Home Page Layout	Home Page Default View Assignment	Location Layout View Assignment
Account	Account Layout View Assignment	Location Group View Assignment
Alternative Payment Method	Alternative Payment Method Layout View Assignment	Location Group Assignment View Assignment

SETUP

Profiles

Contact Point Addresses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact Point Consents	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Streaming Channels	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact Point Emails	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	User External Credentials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

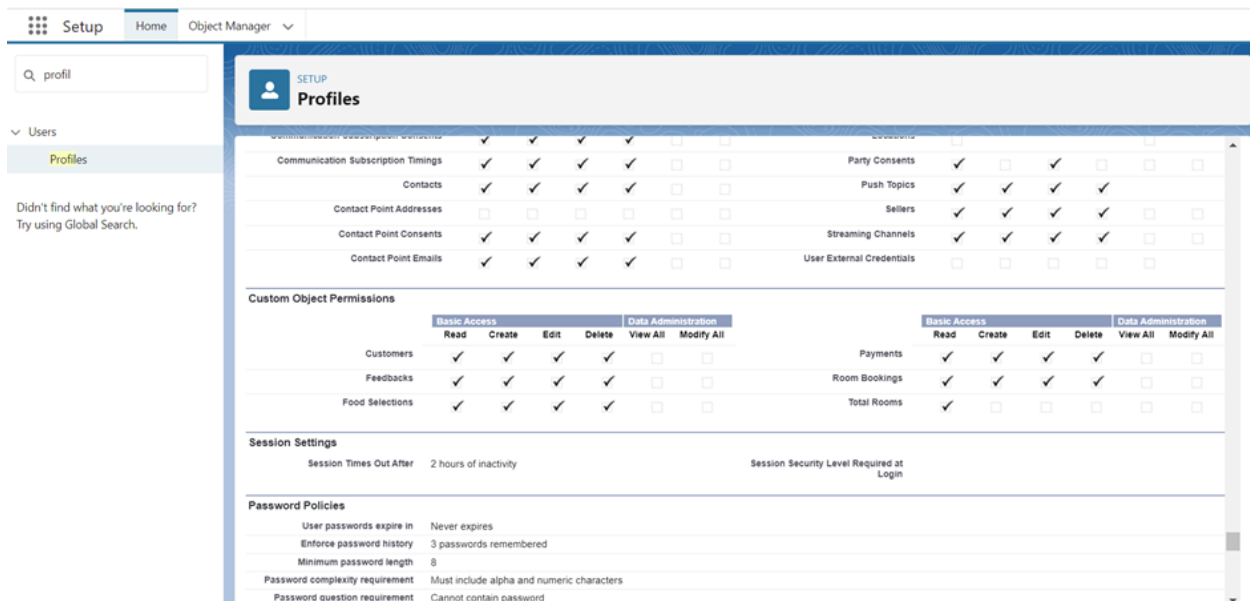
Custom Object Permissions

	Basic Access				Data Administration			Basic Access				Data Administration	
	Read	Create	Edit	Delete	View All	Modify All		Read	Create	Edit	Delete	View All	Modify All
Customers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Payments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feedbacks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Room Bookings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food Selections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total Rooms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7.3 Custom platform user2

To create a new profile:

1. Go to setup > type profiles in the quick find box > click on profiles > clone the desired profile (Standard platform User)
2. Enter profile name (Custom platform User2) > Save.
3. While still on the profile page, then click Edit.
4. Scroll down to Custom Object Permissions and Give Create, Read, Edit, and Delete access permissions for Customers, Feedbacks, Food selections, Payments, and Room Bookings. And Read Access permission for Total Rooms Object.
5. Scroll down and Click on Save.

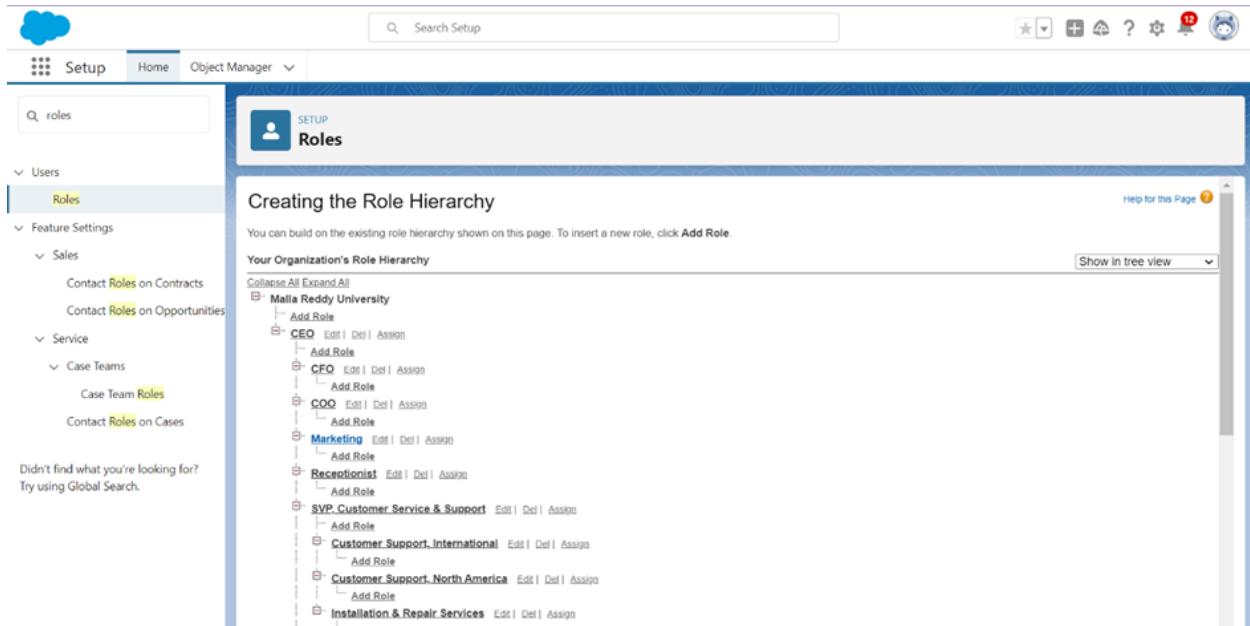


TASK8: Creating Roles

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.

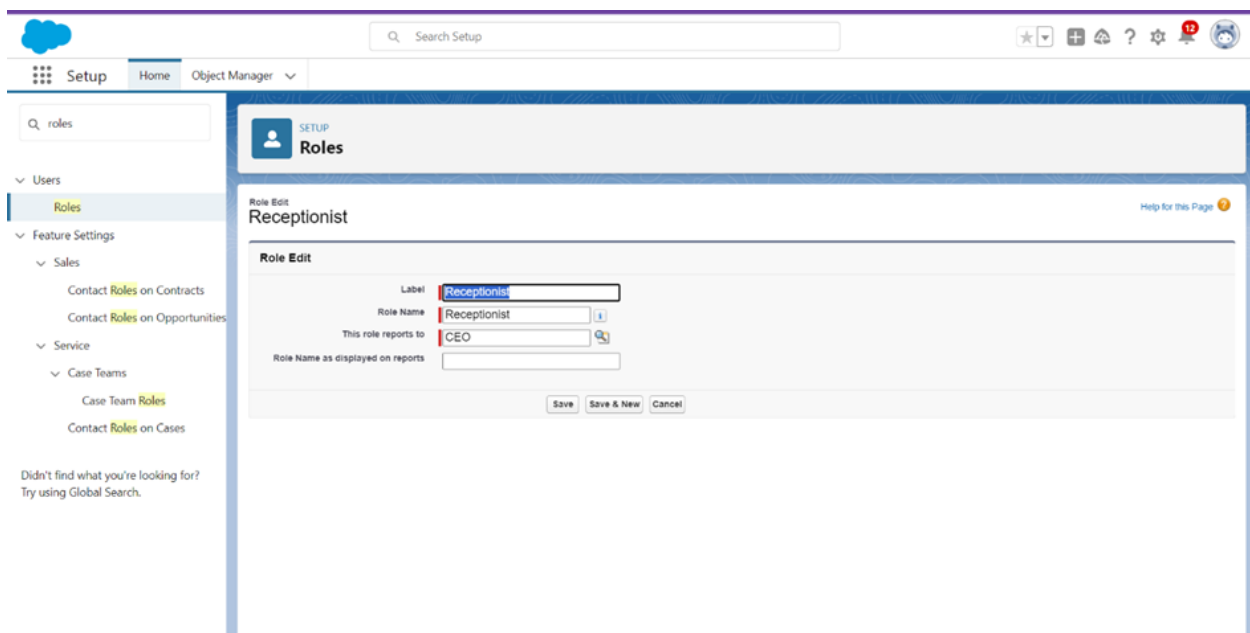
8.1 Marketing Role

1. Go to quick find > Search for Roles > click on set up roles.
2. Click on Expand All and click on add role under CEO role.
3. Give Label as "Marketing" and Role name gets auto populated.
4. Then click on Save.



8.2 Receptionist Role

1. Go to quick find > Search for Roles > click on set up roles.
2. Click on Expand All and click on add role under CEO role.
3. Give Label as “Receptionist” and Role name gets auto populated.
4. Then click on Save.



TASK9: 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.

9.1 Create User

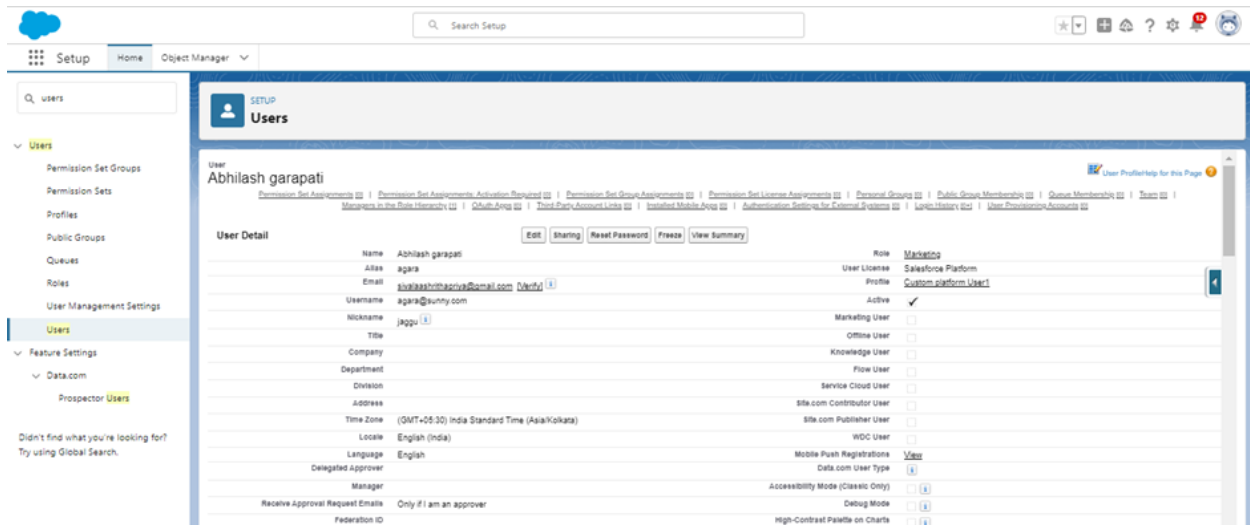
1. Go to setup > type users in the quick find box > select users > click New user.
2. Fill in the fields
 - First Name : sandeep
 - Last Name : gujja
 - Alias : Give a Alias Name
 - Email id : Give your Personal Email id
 - Username : Username should be in this form: text@text.com
 - Nick Name : Give a Nickname
 - Role : CEO
 - User licence : Salesforce
 - Profiles : Custom user
3. save.

The screenshot shows the Salesforce Setup interface. The left sidebar contains a search bar with 'users' entered and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, and Data.com. The main content area is titled 'Users' and shows the details for a user named 'sandeep gujja'. The user details are organized into two columns. The left column contains fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, Locale, Language, Delegated Approver, Manager, Receive Approval Request Emails, and Federation ID. The right column contains fields for Role, User License, Profile, Active, Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, WDC User, Mobile Push Registrations, Data.com User Type, Accessibility Mode (Classic Only), Debug Mode, and High-Contrast Palette on Charts. The user is currently active and has the role of CEO.

User Detail	
Name	sandeep gujja
Alias	sguj
Email	sandeep@gujja@gmail.com
Username	sguj@sunny.com
Nickname	sunny
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)
Language	English
Delegated Approver	
Manager	
Receive Approval Request Emails	Only if I am an approver
Federation ID	
Role	CEO
User License	Salesforce
Profile	Custom User
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>
Mobile Push Registrations	<input type="checkbox"/>
Data.com User Type	<input type="checkbox"/>
Accessibility Mode (Classic Only)	<input type="checkbox"/>
Debug Mode	<input type="checkbox"/>
High-Contrast Palette on Charts	<input type="checkbox"/>

9.2 Create Another User

1. Go to setup > type users in the quick find box > select users > click New user.
2. Fill in the fields
 - First Name : Abhilash
 - Last Name : garapati
 - Alias : Give an Alias Name
 - Email id : Give your Personal Email id
 - Username : Username should be in this form: text@text.com
 - Nick Name : Give a Nickname
 - Role : Marketing
 - User licence: Salesforce platform
 - Profiles : Custom Platform User1
3. Save



9.3 Create Another User

1. Go to setup > type users in the quick find box > select users > click New user.
2. Fill in the fields
 - First Name : Ganesh

- Last Name : gelli
- Alias : Give a Alias Name
- Email id : Give your Personal Email id
- Username : Username should be in this form: text@text.com
- Nick Name: Give a Nickname
- Role : Receptionist
- User licence: Salesforce Platform
- Profiles : Custom Platform user2

The screenshot shows the Salesforce Setup page for a new user named Ganesh gelli. The page is divided into two main sections: User Detail and User Roles. The User Detail section contains fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, Locale, Language, Delegated Approver, Manager, Receive Approval Request Emails, and Federation ID. The User Roles section contains a list of roles with checkboxes for selection.

Role	Selected
Receptionist	<input checked="" type="checkbox"/>
Salesforce Platform	<input type="checkbox"/>
Custom platform User2	<input type="checkbox"/>
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>
Mobile Push Registrations	<input type="checkbox"/>
Data.com User Type	<input type="checkbox"/>
Accessibility Mode (Classic Only)	<input type="checkbox"/>
Debug Mode	<input type="checkbox"/>
High-Contrast Palette on Charts	<input type="checkbox"/>

3. Save

TASK10: User Adoption

10.1 Create a Record (Customers)

1. Click on App Launcher on the left side of the screen.
2. Search The Booking Of Co-Living & click on it.
3. Click on the Customers Tab.
4. Click new and fill out details & Save

The screenshot shows the 'New Customer1' form in the 'The Booking Of Co-Living' application. The form is titled 'New Customer1' and has a 'Required Information' section. It contains fields for Customer Name (Abhilash), Phone no (9702874232), Email (Abhilash@gmail.com), Permanent Address, and Current Status (Student). The Owner is listed as ASHRITHA PRIYA SIVALA. The form has 'Cancel', 'Save & New', and 'Save' buttons at the bottom.

10.2 View a Record (Customers)

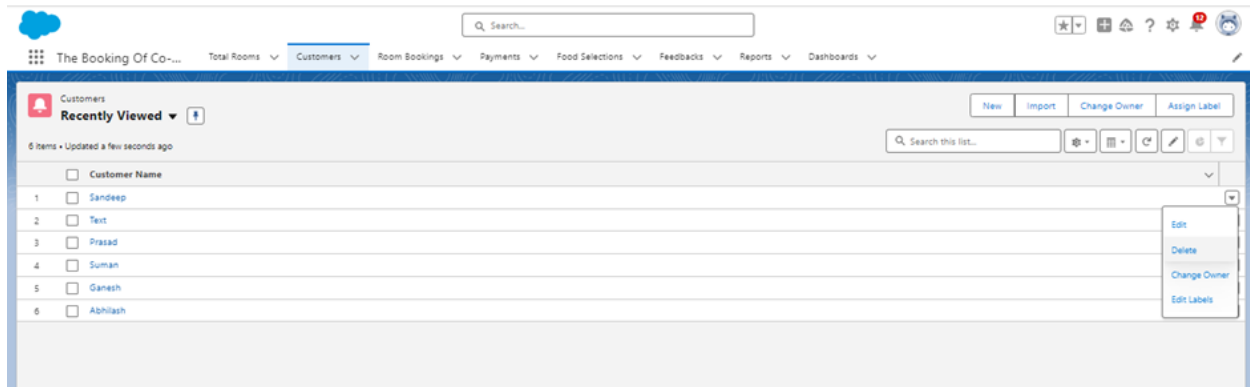
1. Click on App Launcher on the left side of the screen.
2. Search The Booking Of Co-Living & click on it.
3. Click on the Customer Tab.
4. Click on any record name. you can see the details of the Customer.

The screenshot shows the 'Customer1 Abhilash' record view in the 'The Booking Of Co-Living' application. The record shows details for Customer Name (Abhilash), Phone no (9702874232), Email (abhilash@gmail.com), Permanent Address, Current Status (Student), and Owner (ASHRITHA PRIYA SIVALA). It also shows 'Created By' and 'Last Modified By' as ASHRITHA PRIYA SIVALA on 11/08/2024 at 9:35 pm.

10.3 Delete a Record (Customers)

1. Click on App Launcher on the left side of the screen.
2. Search The Booking Of Co-Living & click on it.
3. Click on the Customers Tab.

4. Click on the Arrow at the right hand side on that Particular record.
5. Click delete and delete again.



TASK11: Reports

Reports give you access to your Salesforce data. You can examine your Salesforce data in almost infinite combinations, display it in easy-to-understand formats, and share the resulting insights with others. Before building, reading, and sharing reports, review these reporting basics.

Types of Reports in Salesforce

1. Tabular
2. Summary
3. Matrix
4. Joined Reports

11.1 Create Report

1. Go to the app > click on the reports tab
2. Click New Report.
3. Select a report type from the category or from the report type panel or from the search panel "Customers with Room Bookings with Total Rooms " > click on start report.
4. Customize your report
5. Add fields from the left pane as shown below
6. Save or run it.

Room Booking Validation Rule

Back to Room Booking

Validation Rule Detail

Rule Name: check_in_rule Edit Clone Active ☒

Error Condition Formula: Check_in_c = False

Error Message: Check box should be checked

Error Location: Check in

Description:

Created By: AShRITHA PRIYA SIVALLA 28/07/2024, 4:48 pm Edit Clone Modified By: AShRITHA PRIYA SIVALLA 28/07/2024, 4:48 pm

11.2 Create Another Report

1. Go to the app > click on the reports tab
2. Click New Report.
3. Select a report type from the category or from the report type panel or from the search panel
Select “customer with Room booking with Payments” click on start report.
4. Customize your report
5. Add fields from the left pane as shown Above
6. Save or run it.

Report: Customers with Room Bookings and Total Rooms

Room booking report

Enable Field Editing Q Add Chart Y ↺ Edit ▼

Total Advance Payment for 1 Month: 7 Total AC-3000: 5 Total Amount: ₹1,26,000

Customer: Customer Name	Room Booking: Room No	Phone no	Email	Permanent Address	Current Status	Room Sharing	Advance Payment for 1 Month	AC-3000	Amount
<input type="checkbox"/> Abhilash	RN-004	9702874876	abhilash@gmail.com	Hyderabad	Employee	Single sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	₹70.00
Subtotal							1	1	₹70.00
<input type="checkbox"/> Ganesh	RN-005	9706774876	ganesh@gmail.com	Chennai	Others	Double sharing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	₹3.50
Subtotal							1	0	₹3.50
<input type="checkbox"/> Prasad	RN-001	9703874232	prasad@gmail.com	Hyderabad	Employee	Double sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	₹6.00
	RN-007	9703874232	prasad@gmail.com	Hyderabad	Employee	Double sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	₹30.00
Subtotal							2	2	₹36.00
<input type="checkbox"/> sandeep	RN-003	9702874232	sandeep@gmail.com	Hyderabad	Employee	Triple sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	₹5.00
	RN-006	9702874232	sandeep@gmail.com	Hyderabad	Employee	Triple sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	₹7.50
Subtotal							2	2	₹12.50
<input type="checkbox"/> Suman	RN-002	8602874232	suman@gmail.com	Bangalore	Student	Single sharing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	₹4.00
Subtotal							1	0	₹4.00
Total							7	5	₹1,26.00

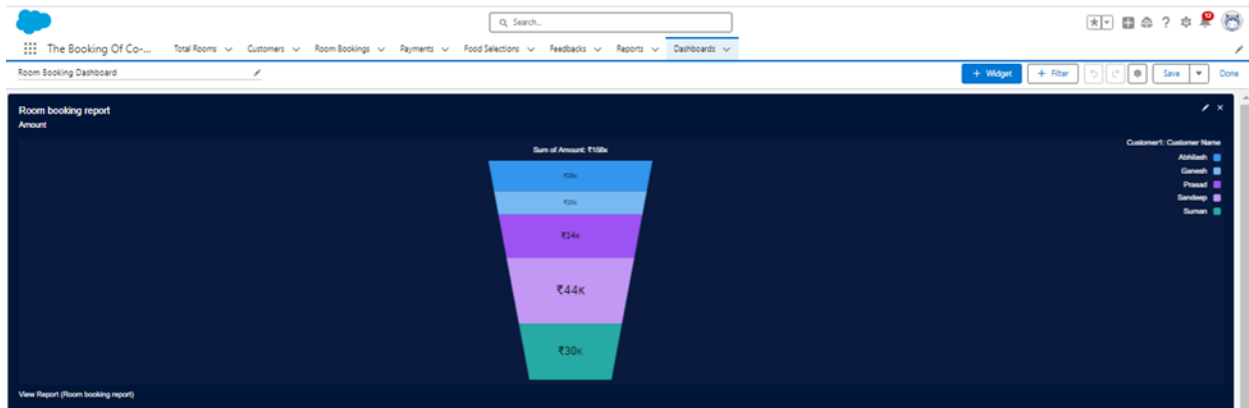
Row Counts ☐ Detail Rows ☒ Subtotals ☒ Grand Total ☒

Taks12: 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.

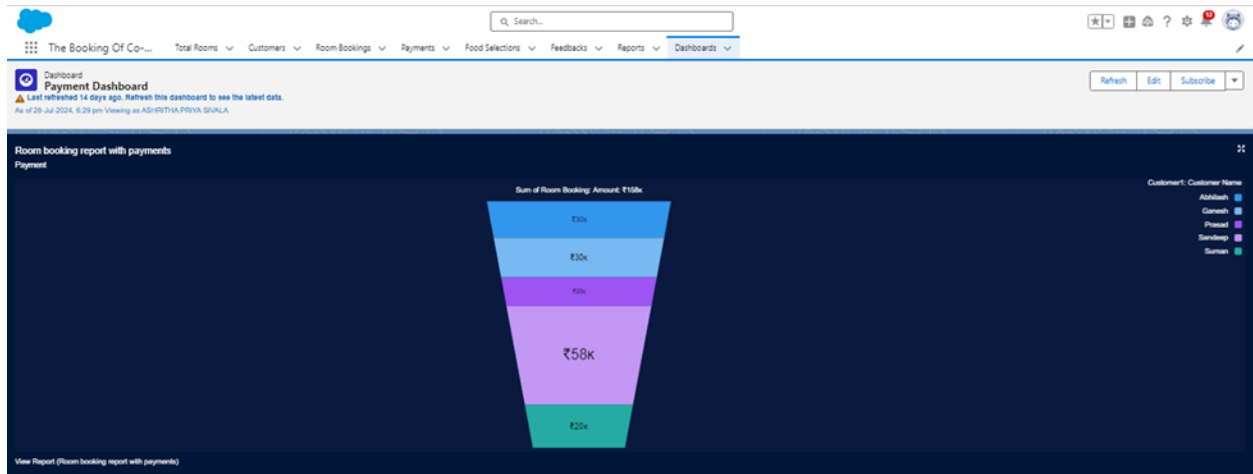
12.1 Create Dashboard

1. Go to the app > click on the Dashboard tabs and click on new Dashboard
2. Give a Name and click on Create.
3. Select add component.
4. Select a Report Customer with Room Booking and click on select.
5. Click Add, then click on Save, and then click on Done.



12.2 Create Another Dashboard

1. Go to the app > click on the Dashboard tabs and click on new Dashboard.
2. Give a Name and click on Create.
3. Select add component.
4. Select a Report Customer with Room Booking with Payments and click on select.
5. Click Add, then click on Save, and then click on Done.



Task – 13: Flows

In Salesforce, a flow is a powerful tool that allows you to automate business processes, collect and update data, and guide users through a series of screens or steps. Flows are built using a visual interface and can be created without any coding knowledge.

13.1. Create a Flow

1. Go to setup > type Flow in the quick find box > Click on the Flow and Select the New Flow.
2. Select the Record-triggered flow and Click on Create.
3. Select the Object as a Room Booking in the Drop-down list.
4. Select the Trigger Flow when: “A record is Created or Updated”.
5. Select the Optimize the flow for: “Actions and Related Records” and Click on Done.
6. Under the Record-triggered Flow, click on the “+” Symbol, and In the Drop-down List, select the “Decision Element”.
7. Enter the Details Label: Field should be Updated, API name: Gets Automatically Generated.
8. Enter the Outcome Details Label: Single sharing, Outcome API name: Gets Automatically Generated.
 - Resource: Select Record.Room sharing.
 - Operator: Select Equals.
 - Value: Select Single sharing.
 - Click on “Add Condition”
 - Resource: Select Record.AC-3000.
 - Operator: Select Equals.
 - Value: Select False.
 - Click on the “+” Symbol In the Outcome Order.

9. Enter the Outcome Details Label: Double sharing, Outcome API name: Gets Automatically Generated.

- Resource: Select Record.Room sharing.
- Operator: Select Equals.
- Value: Select Double sharing.
- Click on “Add Condition”
- Resource: Select Record.AC-3000.
- Operator: Select Equals.
- Value: Select False.
- Click on the “+” Symbol In the Outcome Order.

10. Enter the Outcome Details Label: Triple sharing, Outcome API name: Gets Automatically Generated.

- Resource: Select Record.Room sharing.
- Operator: Select Equals.
- Value: Select Triple sharing.
- Click on “Add Condition”
- Resource: Select Record.AC-3000.
- Operator: Select Equals.
- Value: Select False.
- Click on the “+” Symbol In the Outcome Order.

11. Enter the Outcome Details Label: Single Ac, Outcome API name: Gets Automatically Generated.

- Resource: Select Record.Room sharing.
- Operator: Select Equals.
- Value: Select Single sharing.
- Click on “Add Condition”
- Resource: Select Record.AC-3000.
- Operator: Select Equals.
- Value: Select True.
- Click on the “+” Symbol In the Outcome Order.

12. Enter the Outcome Details Label: Double Ac, Outcome API name: Gets Automatically Generated.

- Resource: Select Record.Room sharing.
- Operator: Select Equals.
- Value: Select Double sharing.
- Click on “Add Condition”
- Resource: Select Record.AC-3000.
- Operator: Select Equals.
- Value: Select True.
- Click on the “+” Symbol In the Outcome Order.

13. Enter the Outcome Details Label: Triple Ac, Outcome API name: Gets Automatically Generated.

- Resource: Select Record.Room sharing.

- Operator: Select Equals.
- Value: Select Triple sharing.
- Click on “Add Condition”
- Resource: Select Record.AC-3000.
- Operator: Select Equals.
- Value: Select True.
- Click on Done.

14. Click on the “+” Symbol under the single sharing and Select the “update Records” in the drop down list.

15. Enter the update records details

- Label: Single.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 28000.
- Click on Done.

16. Enter the update records details

- Label: Double.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 24000.
- Click on Done.

17. Enter the update records details

- Label: Triple.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 20000.
- Click on Done.

18. Enter the update records details

- Label: Single ac1.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 34000.
- Click on Done.

19. Enter the update records details

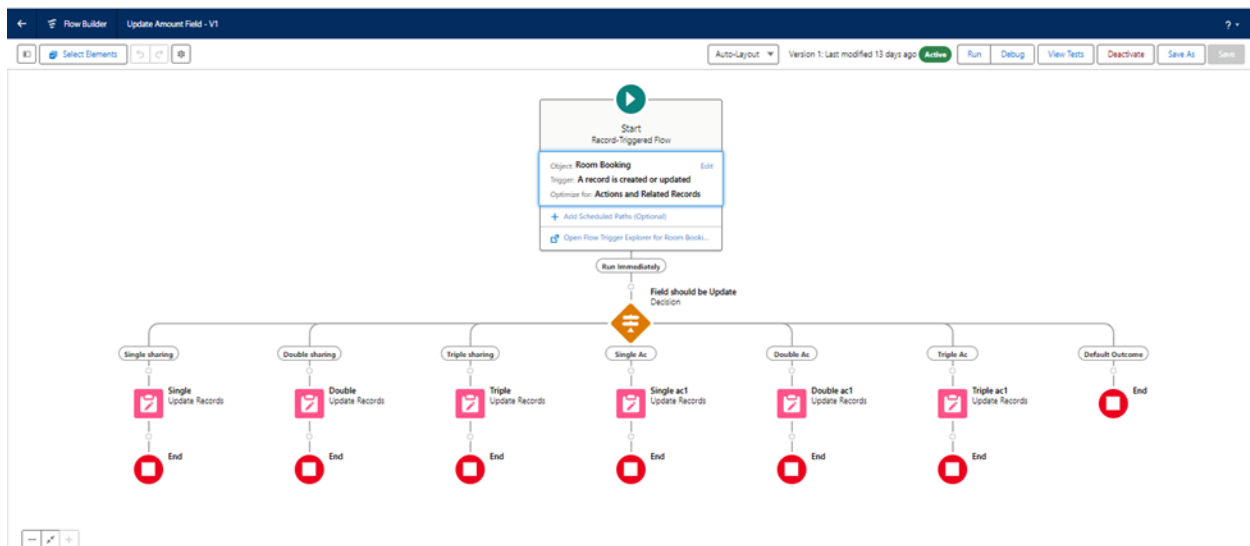
- Label: Double ac1.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 30000.
- Click on Done.

20. Enter the update records details

- Label: Triple ac1.
- API name: Gets automatically Generated.
- Under the Set Field Values for the Room Booking Record.
- Field: Amount.
- Value: 26000.
- Click on Done.

21. The Flow will Form like This and Click on save.

22. Enter the Flow Label: Update Amount Field, Flow API Name: Gets Automatically Generated, and Click on Save.



13.2. Test the Flow

1. Go to App Launcher and search for The Booking of Co-living and select the app
2. In the Co-living app, click on the Room sharing tab and click on new.
3. Enter the details like Name, Room sharing, Ac-3000, Advance payment for 1 Month. And the Amount field is empty before saving the record.

New Room Booking

Room No: RN-010

Room Sharing: Single sharing

Name: Prasad

AC: 3000

Advance Payment for 1 Month: ☒

Amount:

Total No Of Rooms: 1200

Check in: ☒

Check Out: ☐

Buttons: Cancel, Save & New, Save

Room Booking RN-011

Room No: RN-011

Room Sharing: Single sharing

Name: Prasad

AC: 3000

Advance Payment for 1 Month: ☒

Amount: ₹34,000

Total No Of Rooms: 1200

Rooms Available: 29-00

Check in: ☒

Check Out: ☐

Created By: ASHRITHA PRIYA SIVULA - 11/08/2024 8:12 pm

Last Modified By: ASHRITHA PRIYA SIVULA - 11/08/2024 8:12 pm

4. After saving the record, the amount gets reflected in the Amount field by using the given flows.