

A CRM APPLICATION FOR LAPTOP RENTALS

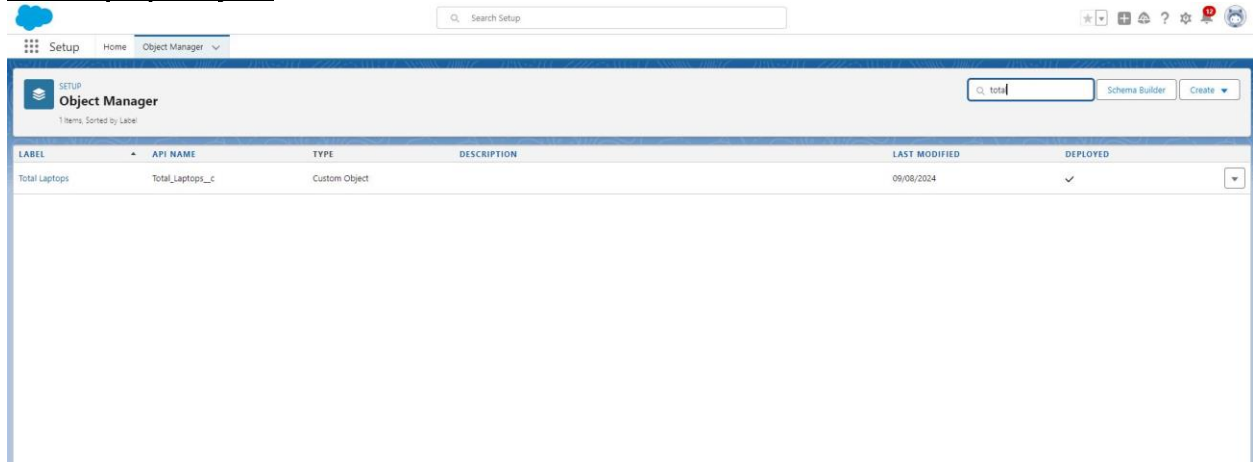
A detailed documentation of my project

A CRM APPLICATION FOR LAPTOP RENTALS

Object Creation:

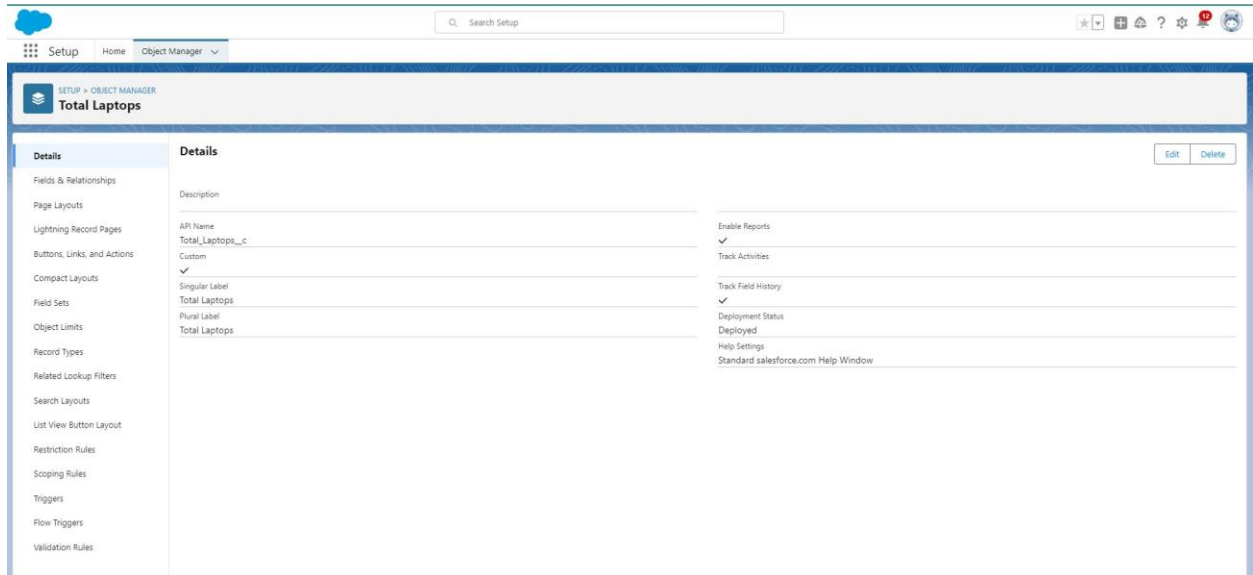
I have created 4 objects total laptops, consumer object, laptop bookings, billing process they are:

Total laptops object:



This screenshot shows the Salesforce Object Manager interface. At the top, there's a navigation bar with 'Setup', 'Home', and 'Object Manager'. A search bar contains 'total'. Below the navigation bar, the 'Object Manager' section is active, showing a list of objects. The table has columns: LABEL, API NAME, TYPE, DESCRIPTION, LAST MODIFIED, and DEPLOYED. One object is listed: 'Total Laptops' with API name 'Total_Laptops__c', type 'Custom Object', last modified '09/08/2024', and deployed status '✓'.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Total Laptops	Total_Laptops__c	Custom Object		09/08/2024	✓



This screenshot shows the details page for the 'Total Laptops' object in Salesforce. The left sidebar contains a 'Details' menu with options like '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', and 'Validation Rules'. The main content area is titled 'Details' and contains several sections: 'Description' (empty), 'API Name' (Total_Laptops__c), 'Custom' (checked), 'Singular Label' (Total Laptops), 'Plural Label' (Total Laptops), 'Enable Reports' (checked), 'Track Activities' (checked), 'Track Field History' (checked), 'Deployment Status' (Deployed), and 'Help Settings' (Standard salesforce.com Help Window). 'Edit' and 'Delete' buttons are in the top right corner.

Details
Description
API Name Total_Laptops__c
Custom ✓
Singular Label Total Laptops
Plural Label Total Laptops
Enable Reports ✓
Track Activities ✓
Track Field History ✓
Deployment Status Deployed
Help Settings Standard salesforce.com Help Window

A CRM APPLICATION FOR LAPTOP RENTALS

Setup

Home

Object Manager

Search Setup

Setup > OBJECT MANAGER

Total Laptops

Details

Fields & Relationships

8 Items. Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
how many months	how_many_months__c	Picklist		
Laptops Available	Laptops_Available__c	Formula (Number)		
Laptops delivered	Laptops_delivered__c	Roll-Up Summary (COUNT Laptop Bookings)		
Laptops Available	Laptops_Available__c	Formula (Number)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		
Total Laptops	Name	Text(80)		

Consumer object:

Setup

Home

Object Manager

Search Setup

Setup > OBJECT MANAGER

consumer

Details

Details

Edit

Delete

Description

API Name

consumer__c

Custom

✓

Singular Label

consumer

Plural Label

consumer

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

A CRM APPLICATION FOR LAPTOP RENTALS

Setup

Home

Object Manager

Q Search Setup

SETUP > OBJECT MANAGER

consumer

Details

Fields & Relationships

8 Items, Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text Area(255)		
consumer Status	consumer_Status__c	Picklist		
consumer_name	Name	Text(80)		✓
Created By	CreatedBy	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone number	Phone_number__c	Phone		

Laptop booking object:

Setup

Home

Object Manager

Q Search Setup

SETUP > OBJECT MANAGER

Laptop Bookings

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

Details

Description

API Name

Laptop_Bookings__c

Custom

✓

Singular Label

Laptop Bookings

Plural Label

Laptop Bookings

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

Edit

Delete

A CRM APPLICATION FOR LAPTOP RENTALS

Setup

Home

Object Manager

Q

Search Setup

Star

Grid

Cloud

Help

Settings

Notifications

Profile

SETUP > OBJECT MANAGER

Laptop Bookings

Details

Fields & Relationships

11 Items, Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Currency(18, 0)		
core type	core_type__c	Picklist	Laptop names	
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
how many months	how_many_months__c	Number(18, 0)		
Laptop Bookings	Name	Text(80)		
Laptop names	Laptop__c	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Master-Detail(consumer)		
Record Type	RecordTypeId	Record Type		
Total No Of Laptops	TotalLaptops__c	Master-Detail(Total Laptops)		

Billing process object:

Setup

Home

Object Manager

Q

Search Setup

Star

Grid

Cloud

Help

Settings

Notifications

Profile

SETUP > OBJECT MANAGER

Billing Process

Details

Details

Edit

Delete

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

Description

API Name

Billing_Process__c

Custom

✓

Singular Label

Billing Process

Plural Label

Billing Process

Enable Reports

✓

Track Activities

✓

Track Field History

✓

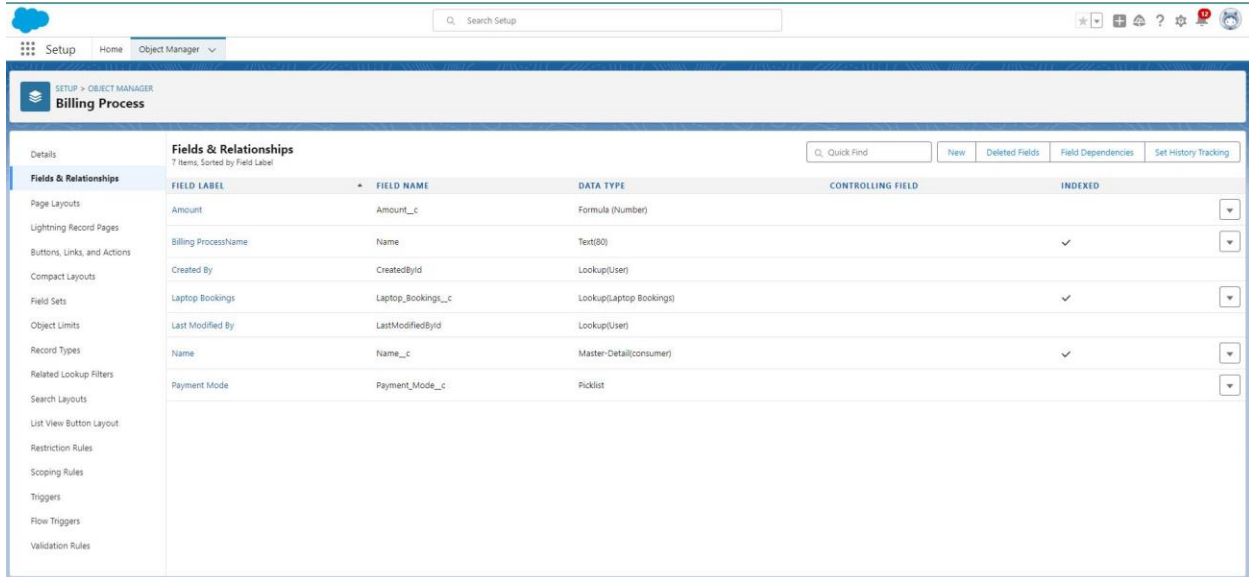
Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

A CRM APPLICATION FOR LAPTOP RENTALS



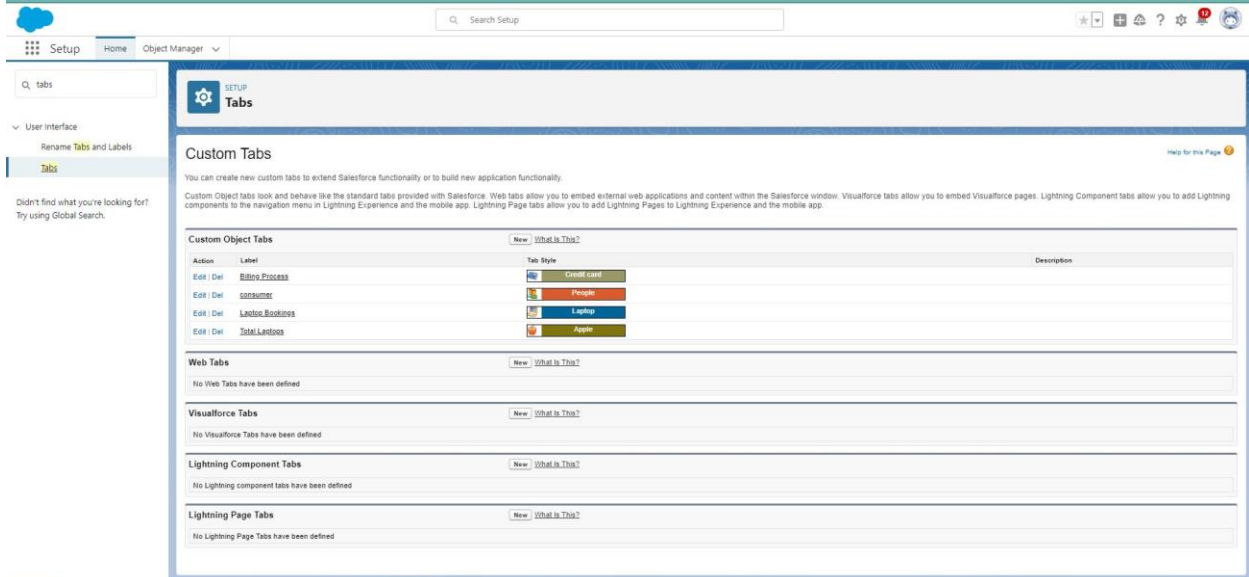
The screenshot shows the Salesforce Setup interface, specifically the Object Manager for the Billing Process. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Last Modified By, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, Scoping Rules, Triggers, Flow Triggers, and Validation Rules. The main content area is titled 'Fields & Relationships' and shows a table of fields for the Billing Process object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Amount, Billing ProcessName, Created By, Laptop Bookings, Last Modified By, Name, and Payment Mode.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Formula (Number)		
Billing ProcessName	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Laptop Bookings	Laptop_Bookings__c	Lookup(Laptop Bookings)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Master-Detail(consumer)		✓
Payment Mode	Payment_Mode__c	Picklist		

Tabs:

Creating a custom tab:

I have created four different tabs for the objects which created above they are total laptops, consumer, laptop bookings, billing process.



The screenshot shows the Salesforce Setup interface, specifically the Tabs section. The left sidebar contains a navigation menu with options like User Interface, Rename Tabs and Labels, and Tabs. The main content area is titled 'Custom Tabs' and shows a table of custom tabs for the Billing Process object. The table has columns for Action, Label, Tab Style, and Description. The tabs listed are Credit Card, Consumer, Laptop, and Apple. Below the table, there are sections for Web Tabs, Visualforce Tabs, Lightning Component Tabs, and Lightning Page Tabs, each with a 'New' button and a 'What is This?' link.

Action	Label	Tab Style	Description
Edit Del	Billing Process	Credit Card	
Edit Del	consumer	Consumer	
Edit Del	Laptop Bookings	Laptop	
Edit Del	Total Laptops	Apple	

Creating lightning app:

I have created a lightning app called laptop rentals and also gave image to lightning app and also gave navigation items to lightning app

A CRM APPLICATION FOR LAPTOP RENTALS

Setup

Home

Object Manager

Q Search Setup

Star

Download

Help

Notifications

Profile

Q app mana

Apps

App Manager

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

SETUP

Lightning Experience App Manager

New Lightning App

New Connected App

23 Items • Sorted by App Name • Filtered by All app:nutients - TabSet Type

App Name ↑	Developer Name	Description	Last Modified Date	App Type	Visible L...		
5	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your industry.	01/08/2024, 12:47 pm	Lightning	✓	
6	Community	Community	Salesforce CRM Communities	01/08/2024, 12:44 pm	Classic	✓	
7	Content	Content	Salesforce CRM Content	01/08/2024, 12:44 pm	Classic	✓	
8	Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and manage recipes.	01/08/2024, 12:44 pm	Lightning	✓	
9	Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	01/08/2024, 12:44 pm	Lightning	✓	
10	LAPTOP-RENTALS	LAPTOP_RENTALS		08/08/2024, 3:17 pm	Lightning	✓	
11	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	01/08/2024, 12:44 pm	Lightning	✓	
12	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	01/08/2024, 12:44 pm	Classic	✓	
13	Platform	Platform	The fundamental Lightning Platform	01/08/2024, 12:44 pm	Classic	✓	
14	Queue Management	QueueManagement	Create and manage queues for your business.	01/08/2024, 12:44 pm	Lightning	✓	
15	Sales	Sales	The world's most popular sales force automation (SFA) solution	01/08/2024, 12:44 pm	Classic	✓	
16	Sales	LightningSales	Manage your sales process with accounts, leads, opportunities, and more	01/08/2024, 12:44 pm	Lightning	✓	
17	Sales Console	LightningSalesConsole	(Lightning Experience) Lets sales reps work with multiple records on one screen	01/08/2024, 12:44 pm	Lightning	✓	
18	Salesforce Chatter	Chatter	The Salesforce Chatter social network, including profiles and feeds	01/08/2024, 12:44 pm	Classic	✓	
19	Salesforce Scheduler Setup	LightningScheduler	Set up personalized appointment scheduling.	01/08/2024, 12:47 pm	Lightning	✓	
20	Service	Service	Manage customer service with accounts, contacts, cases, and more	01/08/2024, 12:44 pm	Classic	✓	
21	Service Console	LightningService	(Lightning Experience) Lets support agents work with multiple records across customer service channels on one screen	01/08/2024, 12:44 pm	Lightning	✓	
22	Site.com	Sites	Build pixel-perfect, data-rich websites using the drag-and-drop Site.com application, and manage content and published s...	01/08/2024, 12:44 pm	Classic	✓	
23	Subscription Management	RevenueCloudConsole	Get started automating your revenue processes	01/08/2024, 12:44 pm	Lightning	✓	

Lightning App Builder

App Settings

Pages

LAPTOP-RENTALS

Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

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

App Details

App Branding

*App Name

LAPTOP-RENTALS

*Developer Name

LAPTOP_RENTALS

Description

Enter a description...

Image

Primary Color Hex Value

#0070D2

Org Theme Options

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

App Launcher Preview

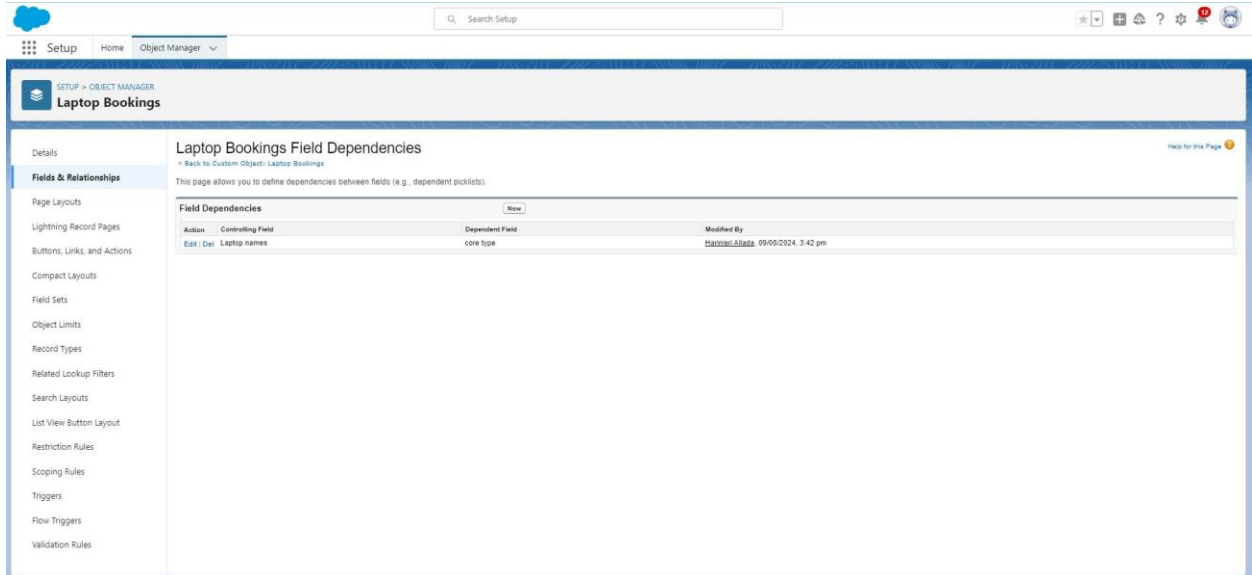
LAPTOP-RENTALS

Fields:

Creating fields:

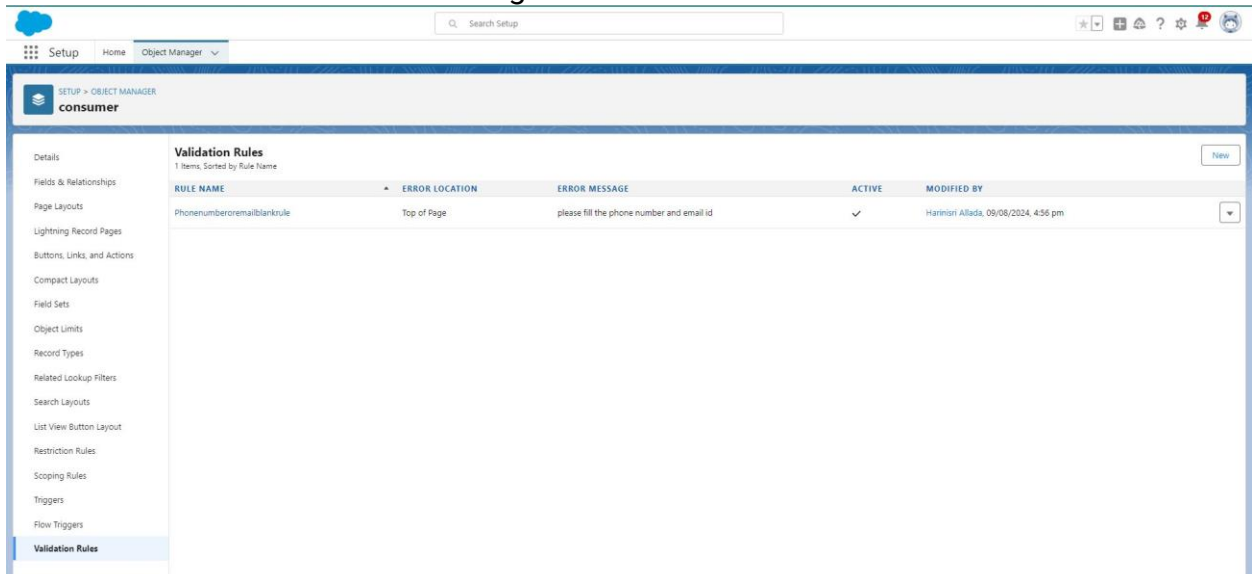
I have created a field named laptop names. The field I have created which fields and relationship is shown in the below figure.

A CRM APPLICATION FOR LAPTOP RENTALS



Validation Rule:

I have created the validation rule for phone number field in consumer object. The rule which I created is shown in below figure.



Profiles:

Owner profile:

I have created an owner profile which is shown in below figure.

A CRM APPLICATION FOR LAPTOP RENTALS

The image shows two screenshots of the Salesforce Setup interface. The top screenshot displays the 'Profiles' list, and the bottom screenshot shows the detailed view of the 'OWNER' profile.

Top Screenshot: Profiles List

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

Bottom Screenshot: OWNER Profile Detail

Profile Detail

Name	Owner
OWNER	OWNER
User License	Salesforce
Description	
Created By	haiman@alada 09/06/2024, 4:57 pm
Modified By	haiman@alada 21/06/2024, 5:00 pm

Page Layouts

Standard Object Layouts	Location Group Assignment
Global: Global Layout (View Assignment)	Location Group Assignment Layout (View Assignment)
Email Application: Not Assigned (View Assignment)	Macro: Macro Layout (View Assignment)
Home Page Layout: DE Default (View Assignment)	Object Milestone: Object Milestone Layout (View Assignment)
Account: Account Layout (View Assignment)	Operating Hours: Operating Hours Layout (View Assignment)
Alternative Payment Method: Alternative Payment Method Layout (View Assignment)	Opportunity: Opportunity Layout (View Assignment)
Appointment Invitation: Appointment Invitation Layout (View Assignment)	Opportunity Product: Opportunity Product Layout (View Assignment)
Asset: Asset Layout (View Assignment)	Order: Order Layout (View Assignment)
Asset Action: Asset Action Layout (View Assignment)	Order Product: Order Product Layout (View Assignment)
Asset Action Source: Asset Action Source Layout (View Assignment)	Payment: Payment Layout (View Assignment)
Asset Relationship: Asset Relationship Layout (View Assignment)	Payment Authorization: Payment Authorization Layout (View Assignment)
Asset State Period: Asset State Period Layout (View Assignment)	Payment Authorization Adjustment: Payment Authorization Adjustment Layout (View Assignment)

Agent profile:

I have created an agent profile which is shown in below figure.

A CRM APPLICATION FOR LAPTOP RENTALS

The image shows two screenshots of the Salesforce Setup interface. The top screenshot displays the 'Profiles' list, and the bottom screenshot shows the detailed view of the 'Agent' profile.

Top Screenshot: Profiles List

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Del ...	Admin	Salesforce Platform	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Clone	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Analytics Cloud Search User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>

Bottom Screenshot: Agent Profile Detail

Profile Detail

Name	Agent
User License	Salesforce Platform
Description	
Created By	Hannan Akhtar
Created Date	09/08/2024 5:02 pm
Modified By	Hannan Akhtar
Modified Date	21/08/2024 5:00 pm

Page Layouts

Standard Object Layouts	Lead
Global	Global Layout
Email Application	Location
Home Page Layout	Location Group
Account	Location Group Assignment
Alternative Payment Method	Object Milestone
Appointment Invitation	Operating Hours
Asset	Order
Asset Relationship	Order Product
Assigned Resource	Payment
Associated Location	Payment Authorization
Async Operation Log	Payment Authorization Adjustment

Roles and Hierarchy:

Under owner I have created an agent role which is shown in below figure.

[illegible]

In users field I have created two users vicky y and ram ram as shown in the below figure.

The screenshot shows the AWS IAM console's 'All Users' page. The left-hand navigation pane is visible, with 'Users' selected under the 'User Management Settings' section. The main content area has a header 'SETUP Users' and a sub-header 'All Users'. Below this, there is a brief explanation of the page's purpose and a link to 'Let's Go' for more information. A 'View:' dropdown is set to 'All Users'. The central part of the page contains a table of users. The table has columns for 'Action', 'Full Name', 'Alias', 'Username', 'Role', 'Active', and 'Profile'. The users listed are 'Alada_Hamoud', 'Chatter_Eupert', 'iam_iam', 'User_Integration', 'User_Security', and 'y_32kx'. The 'y_32kx' user is highlighted in yellow. At the bottom of the table, there are buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users'. The right side of the page has a 'Help for this Page' link and a search bar.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Alada_Hamoud	Alada	hamoud@aleforce.com		✓	System Administrator
<input type="checkbox"/>	Chatter_Eupert	Chatter	chatp20d0000000@huak.us7.us-east-1.amazonaws.com		✓	Chatter Free User
<input type="checkbox"/>	iam_iam	iam	hamoud2019@text.txt	Admin	✓	Standard Platform User
<input type="checkbox"/>	User_Integration	int	integration20d0000000@huak.us7.us-east-1.amazonaws.com		✓	Analytics Cloud Integration User
<input type="checkbox"/>	User_Security	sec	security20d0000000@huak.us7.us-east-1.amazonaws.com		✓	Analytics Cloud Security User
<input type="checkbox"/>	y_32kx	yl	hamoud@text.txt	Admin	✓	Admin

In laptop rentals app I have added flows using desicion and have created decisions to acer, hp, dell, mac into sub decisions core i3, core i5, core i7. And compressed total flow can be shown in below figure.

A CRM APPLICATION FOR LAPTOP RENTALS

Setup Home Object Manager

Search Setup

Flows

Process Automation

Flows

Identity

Login Flows

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

Flow Definitions

All Flows

44 items • Sorted by Flow Label • Filtered by All flow definitions • Updated a few seconds ago

Flow Label ?	Process Type	Active	Template	Package State	Package N...	Last Modified By	Last Modified Date
Deploy Data Kit Component	Autolaunched Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Discount Flow	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Enablement: Send Feedback Ready Notification	Autolaunched Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-installed			
Enroll or Unenroll Service Appointment Attendees	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Even Exchange Flow	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Exchanges with RMA Returns	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Final Laptop distributions	Autolaunched Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unmanaged		Harrisiri Allada	21/08/2024, 1:00 pm
Find Contact Associated with Messaging Session	Individual-Object Linking Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Generate Appointment Invitation	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Generate Payment Link	Screen Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Inbound Cancel Appointment	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Inbound Modify Appointment	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Inbound New Appointment	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Inbound New Guest Appointment	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Laptop distributions	Autolaunched Flow	<input type="checkbox"/>	<input type="checkbox"/>	Unmanaged		Harrisiri Allada	09/08/2024, 5:42 pm
Modify Guest Service Appointment	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Orchestration flow for Recurrence Scheduler	Autolaunched Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-installed			
Order and Submit CR Flow	Screen Flow	<input type="checkbox"/>	<input type="checkbox"/>	Managed-installed			

Flow Diagram:

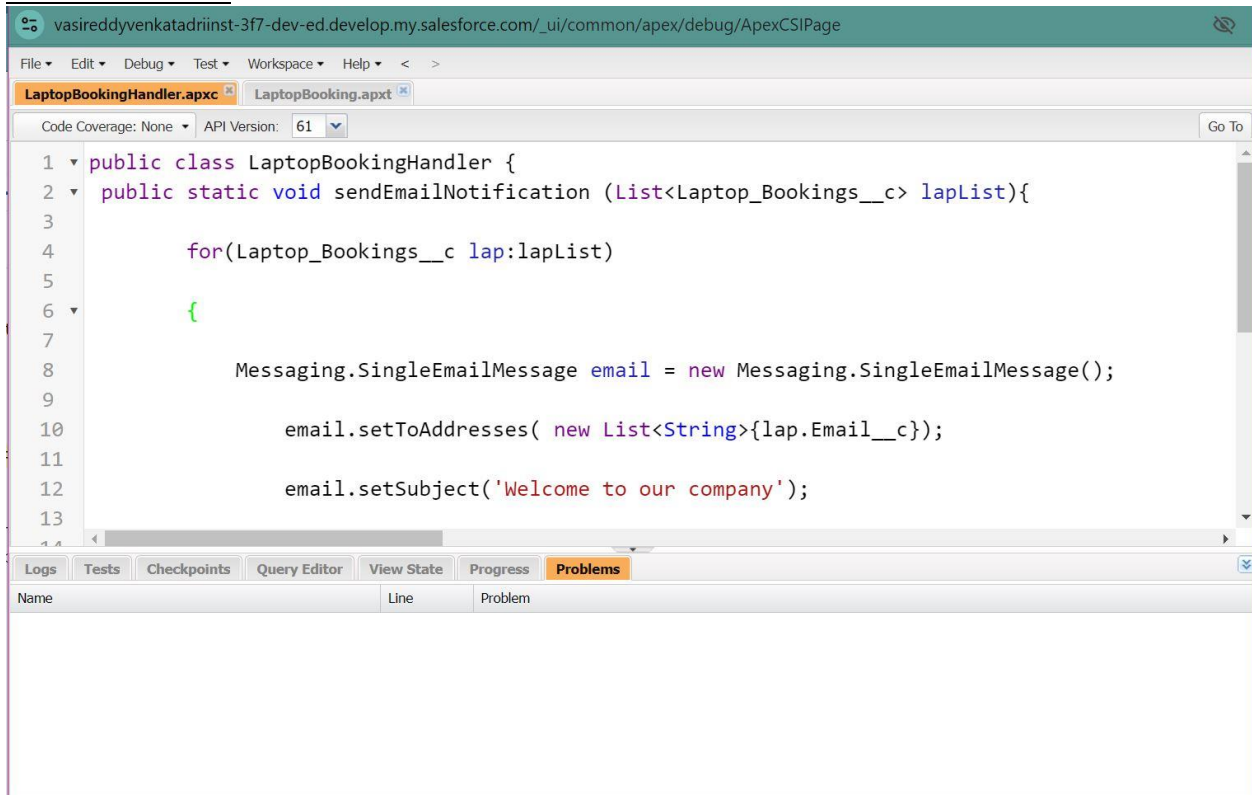
```
graph LR; Start(( )) --> Step1[ ]; Step1 --> Step2[ ]; Step2 --> Step3[ ]; Step3 --> Step4[ ]; Step4 --> Step5[ ]; Step5 --> Step6[ ]; Step6 --> Step7[ ]; Step7 --> Step8[ ]; Step8 --> Step9[ ]; Step9 --> Step10[ ]; Step10 --> Step11[ ]; Step11 --> Step12[ ]; Step12 --> Step13[ ]; Step13 --> Step14[ ]; Step14 --> Step15[ ]; Step15 --> Step16[ ]; Step16 --> Step17[ ]; Step17 --> Step18[ ]; Step18 --> Step19[ ]; Step19 --> Step20[ ]; Step20 --> Step21[ ]; Step21 --> Step22[ ]; Step22 --> Step23[ ]; Step23 --> Step24[ ]; Step24 --> Step25[ ]; Step25 --> Step26[ ]; Step26 --> Step27[ ]; Step27 --> Step28[ ]; Step28 --> Step29[ ]; Step29 --> Step30[ ]; Step30 --> Step31[ ]; Step31 --> Step32[ ]; Step32 --> Step33[ ]; Step33 --> Step34[ ]; Step34 --> Step35[ ]; Step35 --> Step36[ ]; Step36 --> Step37[ ]; Step37 --> Step38[ ]; Step38 --> Step39[ ]; Step39 --> Step40[ ]; Step40 --> Step41[ ]; Step41 --> Step42[ ]; Step42 --> Step43[ ]; Step43 --> Step44[ ]; Step44 --> Step45[ ]; Step45 --> Step46[ ]; Step46 --> Step47[ ]; Step47 --> Step48[ ]; Step48 --> Step49[ ]; Step49 --> Step50[ ]; Step50 --> Step51[ ]; Step51 --> Step52[ ]; Step52 --> Step53[ ]; Step53 --> Step54[ ]; Step54 --> Step55[ ]; Step55 --> Step56[ ]; Step56 --> Step57[ ]; Step57 --> Step58[ ]; Step58 --> Step59[ ]; Step59 --> Step60[ ]; Step60 --> Step61[ ]; Step61 --> Step62[ ]; Step62 --> Step63[ ]; Step63 --> Step64[ ]; Step64 --> Step65[ ]; Step65 --> Step66[ ]; Step66 --> Step67[ ]; Step67 --> Step68[ ]; Step68 --> Step69[ ]; Step69 --> Step70[ ]; Step70 --> Step71[ ]; Step71 --> Step72[ ]; Step72 --> Step73[ ]; Step73 --> Step74[ ]; Step74 --> Step75[ ]; Step75 --> Step76[ ]; Step76 --> Step77[ ]; Step77 --> Step78[ ]; Step78 --> Step79[ ]; Step79 --> Step80[ ]; Step80 --> Step81[ ]; Step81 --> Step82[ ]; Step82 --> Step83[ ]; Step83 --> Step84[ ]; Step84 --> Step85[ ]; Step85 --> Step86[ ]; Step86 --> Step87[ ]; Step87 --> Step88[ ]; Step88 --> Step89[ ]; Step89 --> Step90[ ]; Step90 --> Step91[ ]; Step91 --> Step92[ ]; Step92 --> Step93[ ]; Step93 --> Step94[ ]; Step94 --> Step95[ ]; Step95 --> Step96[ ]; Step96 --> Step97[ ]; Step97 --> Step98[ ]; Step98 --> Step99[ ]; Step99 --> End(( ))
```

Apex:

In apex I have created two classes one is handler class and other is trigger class and the source code for both of them is below:

A CRM APPLICATION FOR LAPTOP RENTALS

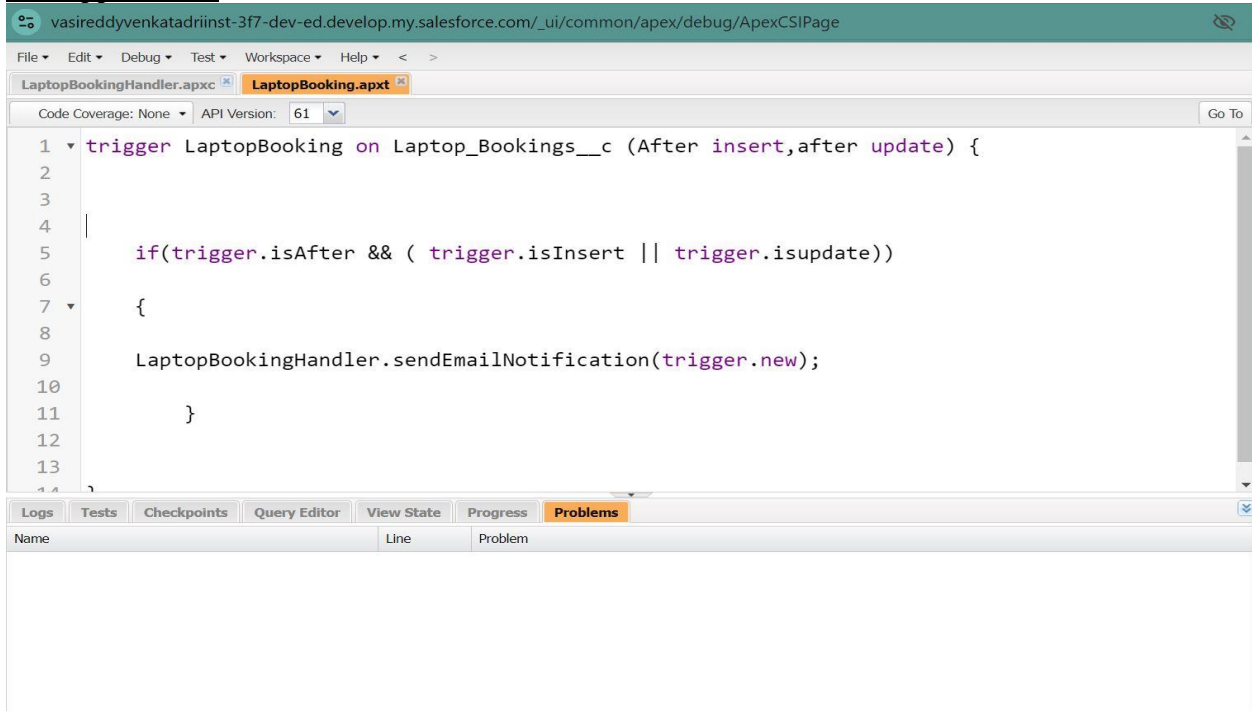
for handler class:



The screenshot shows the Salesforce IDE interface with the 'LaptopBookingHandler.apxc' file open. The code defines a public class 'LaptopBookingHandler' with a static method 'sendEmailNotification' that takes a list of 'Laptop_Bookings__c' objects. The method iterates through the list and sends a single email message to each object's email field with the subject 'Welcome to our company'.

```
1 public class LaptopBookingHandler {
2     public static void sendEmailNotification (List<Laptop_Bookings__c> lapList){
3
4         for(Laptop_Bookings__c lap:lapList)
5
6         {
7
8             Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
9
10            email.setToAddresses( new List<String>{lap.Email__c});
11
12            email.setSubject('Welcome to our company');
13        }
14    }
```

for trigger class:



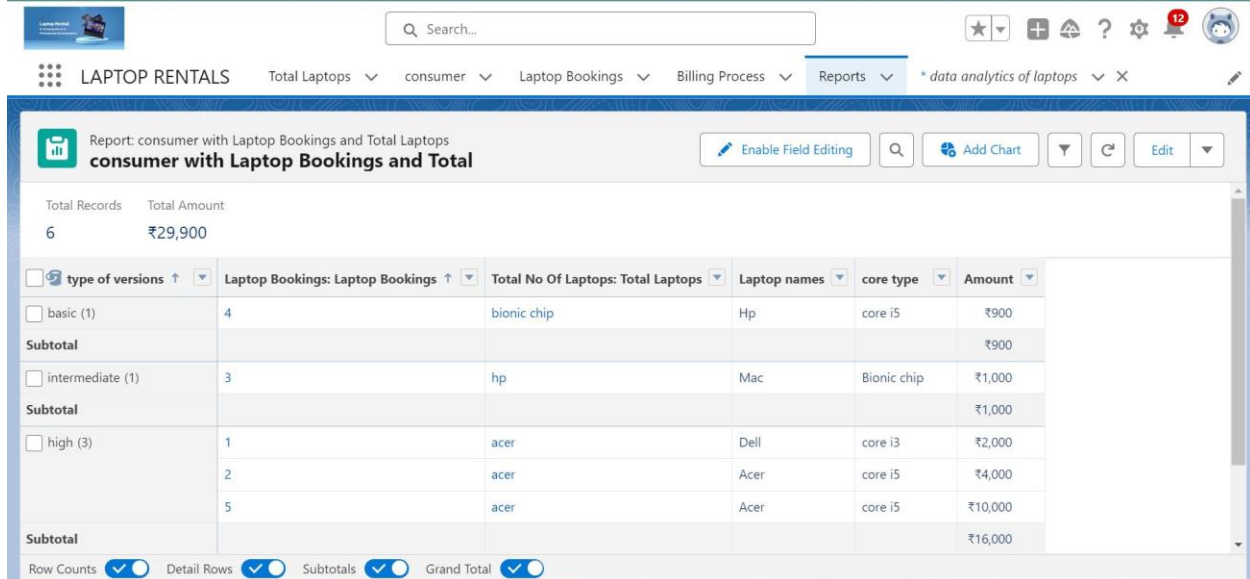
The screenshot shows the Salesforce IDE interface with the 'LaptopBooking.trigger' file open. The code defines a trigger 'LaptopBooking' on the 'Laptop_Bookings__c' object, triggered after insert and update operations. The trigger calls the 'sendEmailNotification' method of the 'LaptopBookingHandler' class for each new record.

```
1 trigger LaptopBooking on Laptop_Bookings__c (After insert,after update) {
2
3
4
5     if(trigger.isAfter && ( trigger.isInsert || trigger.isupdate))
6
7     {
8
9         LaptopBookingHandler.sendEmailNotification(trigger.new);
10
11     }
12
13 }
```

Reports:

A CRM APPLICATION FOR LAPTOP RENTALS

Finally after launching the app which I was created laptop rentals there we can see reports with fields like laptop bookings, total no of laptops, laptop names, core type and amount and at the top we can see total records and total amount.



Report: consumer with Laptop Bookings and Total Laptops
consumer with Laptop Bookings and Total

Enable Field Editing

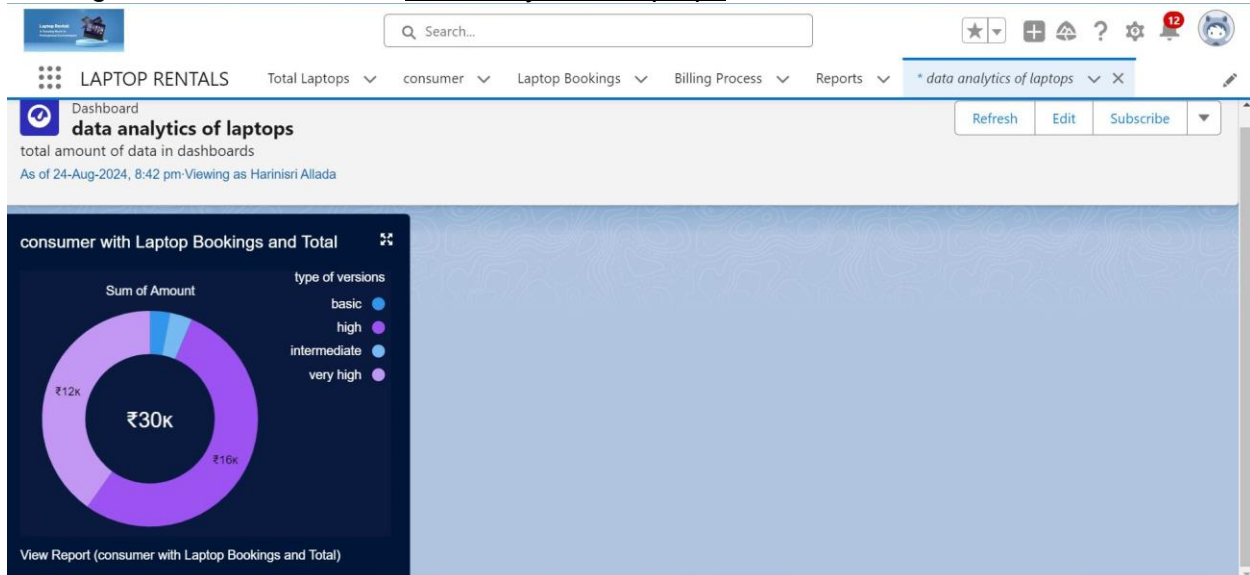
Total Records: 6, Total Amount: ₹29,900

type of versions	Laptop Bookings: Laptop Bookings	Total No Of Laptops: Total Laptops	Laptop names	core type	Amount
basic (1)	4	bionic chip	Hp	core i5	₹900
Subtotal					₹900
intermediate (1)	3	hp	Mac	Bionic chip	₹1,000
Subtotal					₹1,000
high (3)	1	acer	Dell	core i3	₹2,000
	2	acer	Acer	core i5	₹4,000
	5	acer	Acer	core i5	₹10,000
Subtotal					₹16,000

Row Counts: ☒ Detail Rows: ☒ Subtotals: ☒ Grand Total: ☒

Dashboards:

The final output which means the total amount and type of versions is represented in pie chart which gives a visualisation for data analytics of laptops of customers.



output:

The data which I have sent to one of the customer is shown as follows through mail :

A CRM APPLICATION FOR LAPTOP RENTALS

