PROJECT REPORT
ON
A CRM APPLICATION
FOR
LAPTOP RENTALS

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A CRM APPLICATION FOR LAPTOP RENTALS

CRM Application on Laptop rentals is about delivering the items to the customers by rental purpose. It leverages the power of customer relationship management (CRM) to enhance customer experiences, optimize store operations, and improve overall efficiency. Additionally to these, we also need to do an effective CRM i.e via communicating through email with the potential customers identified.

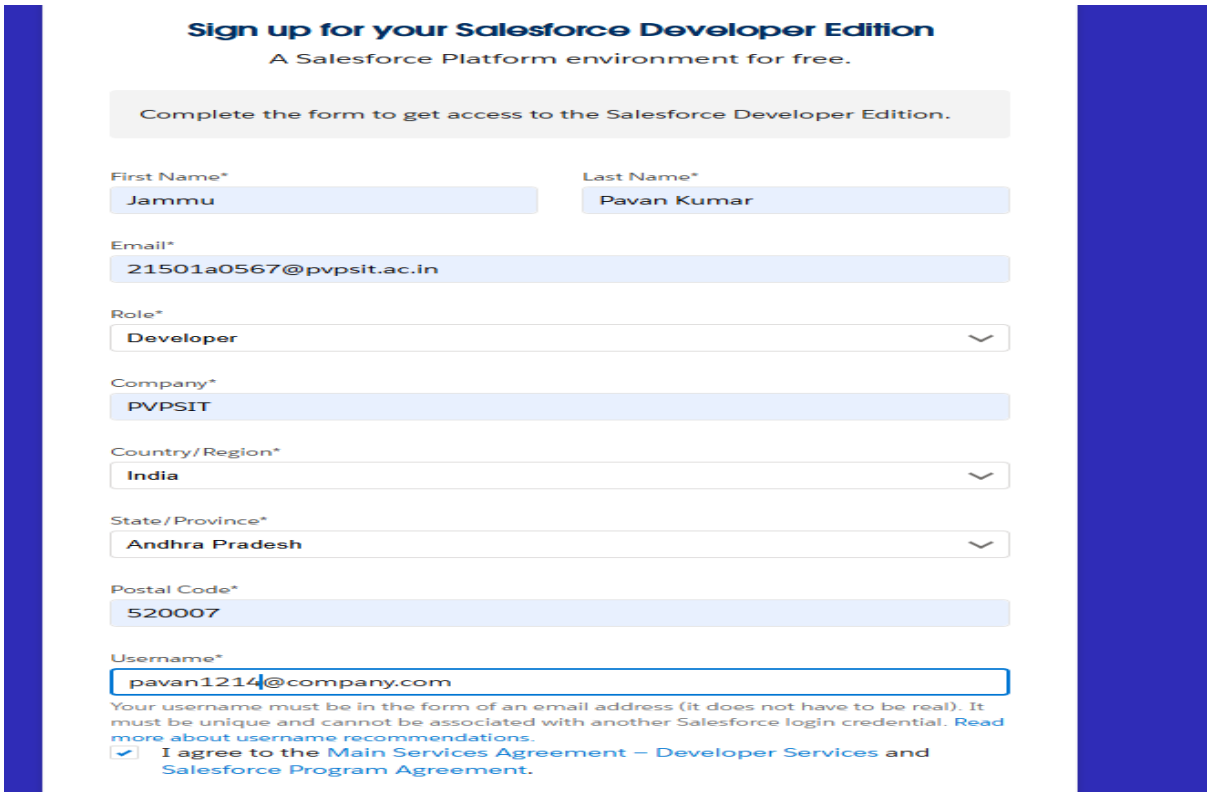
Salesforce:

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

Creating a Developer Account in Salesforce:

To create a developer organization in Salesforce, follow these steps:

1. Go to [https://developer.salesforce.com/signup]



2. Complete the sign-up form with the following details:

- **First Name** and **Last Name**

- **Email Address**

- **Role**: Developer

- **Company**: College Name

- **Country**: India

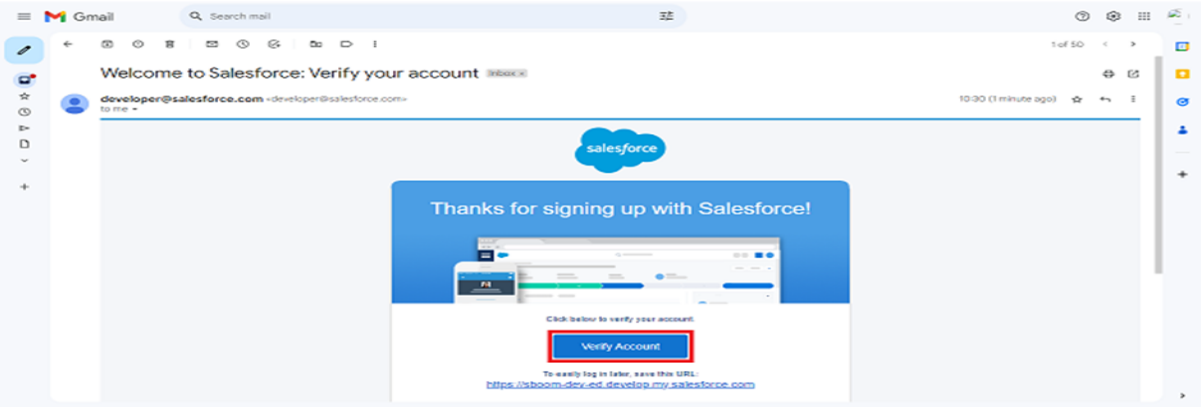
- **Postal Code**: Enter your pin code

- **Username**: This should be a combination of your name and company. It does not need to be a valid email address; you can use a format like `username@organization.com`.

3. After entering the required information, click on the "Sign Me Up" button to complete the registration process.

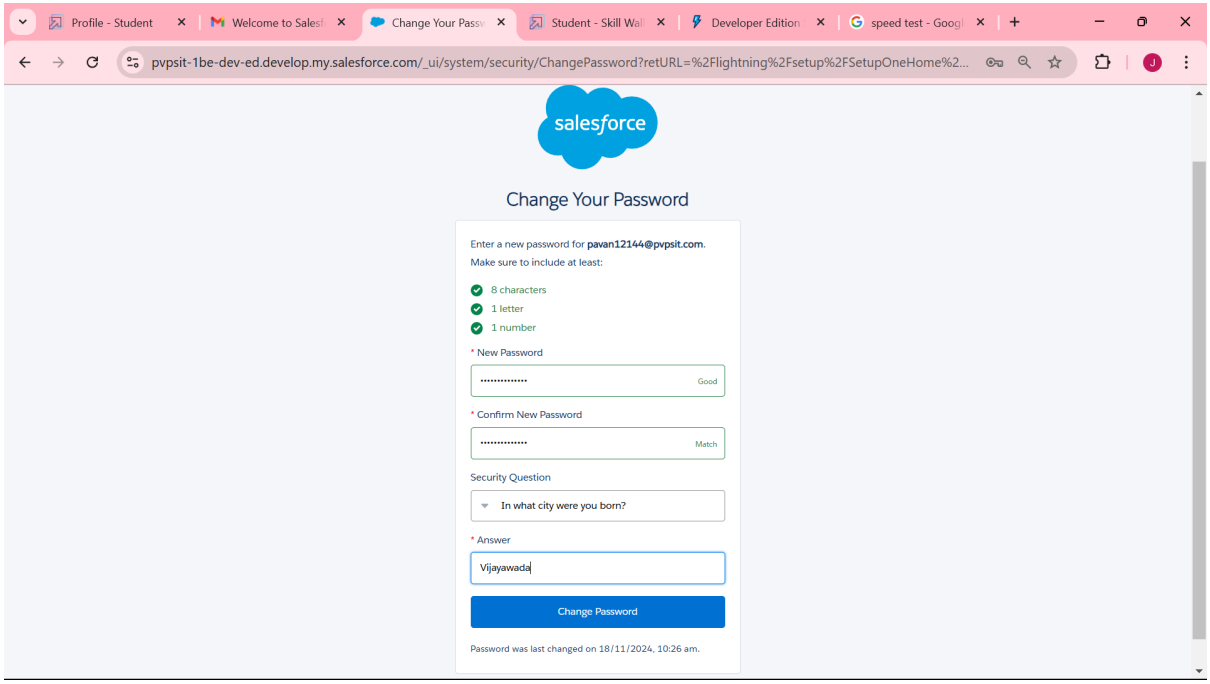
Account Activation:

1. Check the inbox of the email address you used during the sign-up process. Look for an email from Salesforce and click on the **Verify Account** link to activate your account. Note that the email might take 5-10 minutes to arrive.

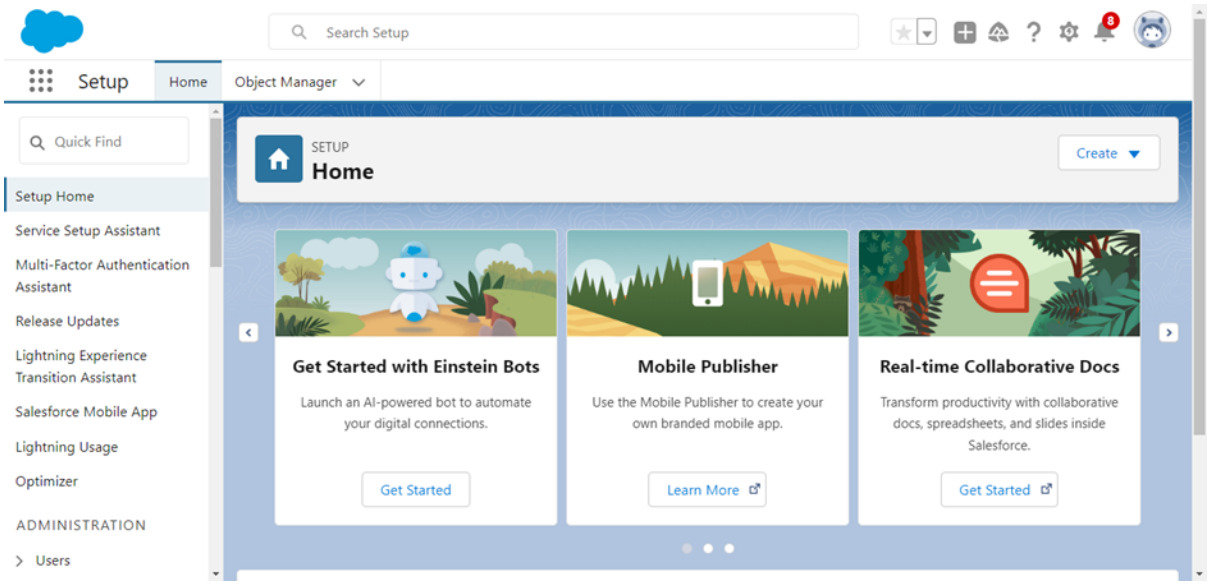


2.Click on **Verify Account** within the email.

3.Set a password and answer a security question, then click on **Change Password** to finalize your setup



4.You will be redirected to your Salesforce setup page, where you can begin using your new developer account.



Object Creation:

What Is an Object?

Salesforce objects are database tables that permit you to store data that is specific to an organization.

What are the types of Salesforce objects?

Salesforce objects are of two types:

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

Create Total Laptops Object

➤ From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

➤ Enter the label name>> Total Laptops

➤ Plural label name>> Total Laptops

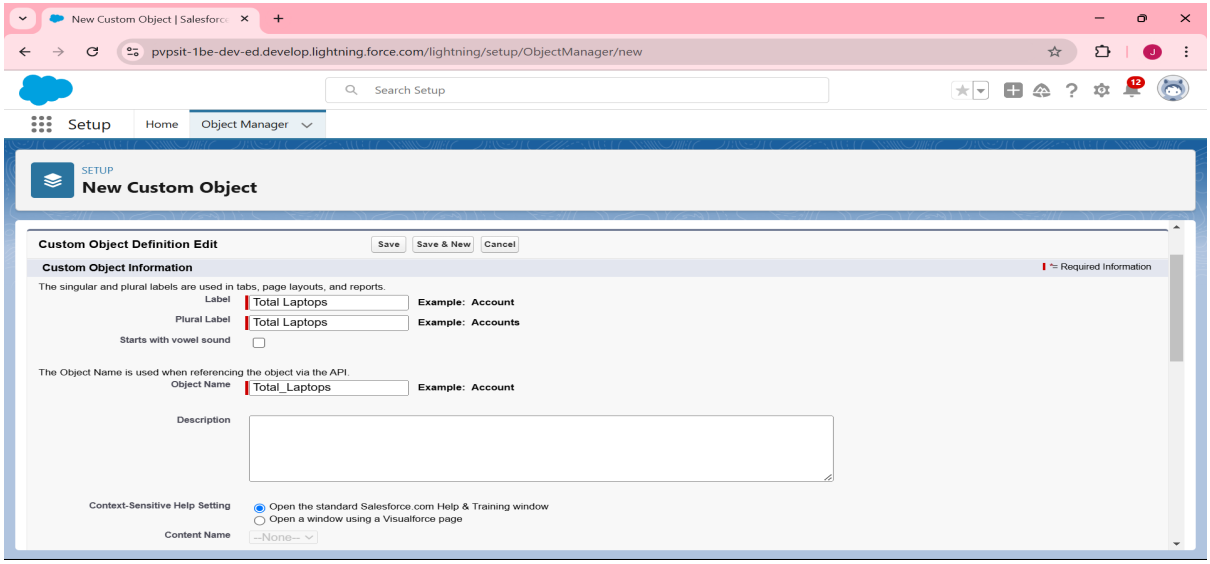
➤ Enter Record Name Label and Format

Record Name >>Total Laptops

Data Type >> Text

➤ Click on Allow reports,Allow search and Track Field History,

➤ Allow search >> Save.



Create consumer Object

➤ From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

➤ Enter the label name >> consumer

➤ Plural label name >> consumer

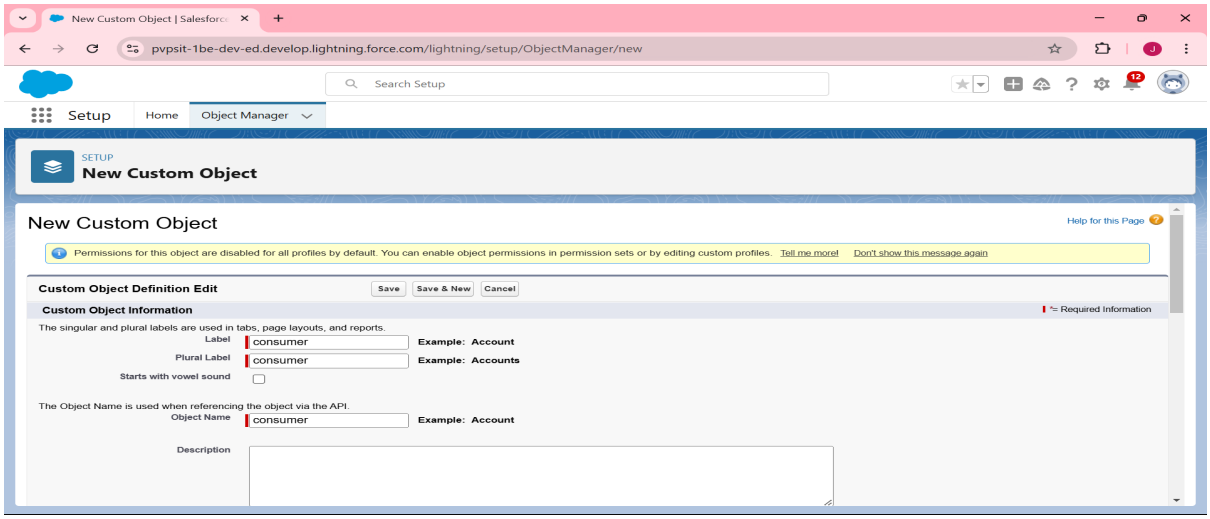
➤ Enter Record Name Label and Format

Record Name >> consumer_name

Data Type >> Name

➤ Click on Allow reports,Allow search and Track Field History,

➤ Allow search >> Save.



Create Laptop Bookings Object

➤ From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

➤ Enter the label name >> Laptop Bookings

➤ Plural label name >> Laptop Bookings

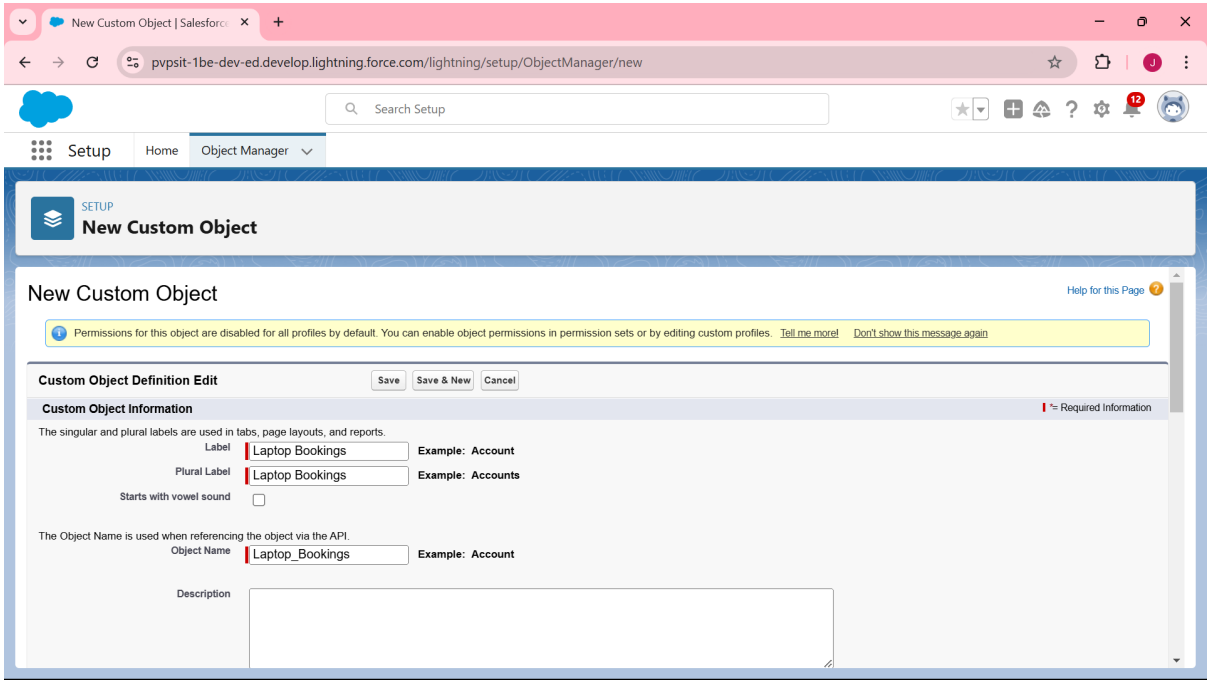
➤ Enter Record Name Label and Format

Record Name >> Laptop Bookings

Data Type >> Name

➤ Click on Allow reports,Allow search and Track Field History,

➤ Allow search >> Save.



Create Billing Process Object

➤ From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

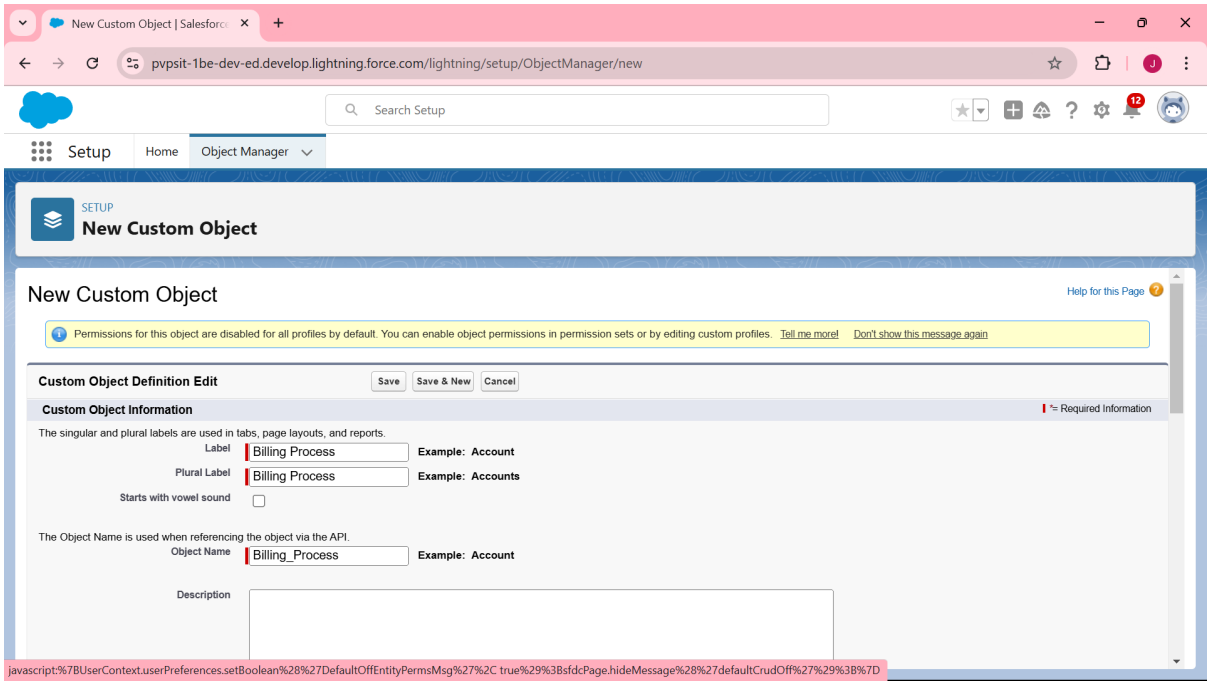
➤ Enter the label name >> Billing Process

➤ Plural label name >> Billing Process

➤ Enter Record Name Label and Format Record Name >> Billing Process Data Type >> Name

➤ Click on Allow reports,Allow search and Track Field History,

➤ Allow search >> Save.



Tabs:

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

Types of Tabs:

➤ **Custom Tabs**: Custom object tabs are the user interface for custom applications that you build in salesforce.com. They look and behave like standard salesforce.com tabs such as accounts, contacts, and opportunities.

➤ **Web Tabs**: Web Tabs are custom tabs that display web content or applications embedded in the salesforce.com window. Web tabs make it easier for your users to quickly access content and applications they frequently use without leaving the

salesforce.com application.

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

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

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

Creating a Custom Tab To create a Tab:

➤ Go to setup page >> Type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

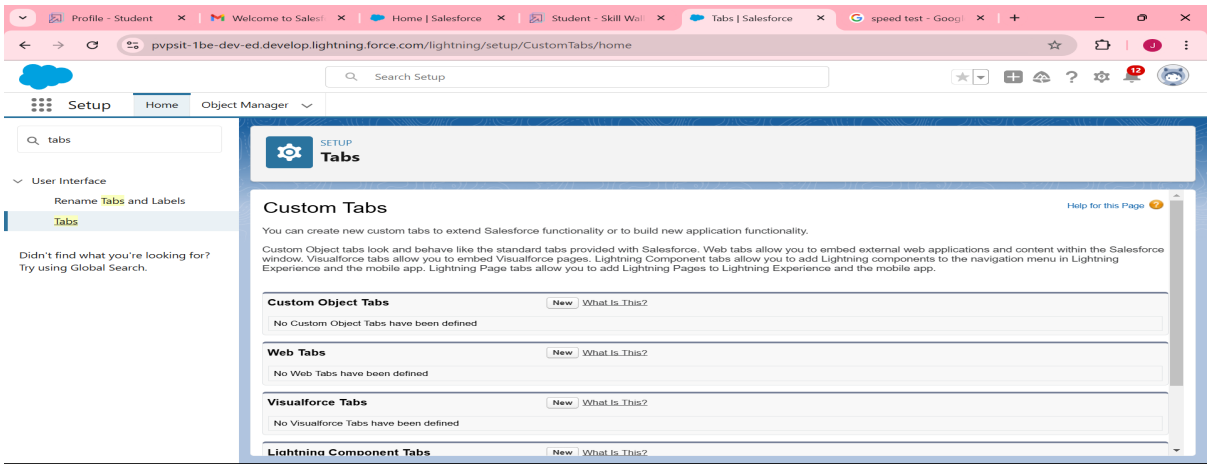
➤ Select Object(**Total Laptops**) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .

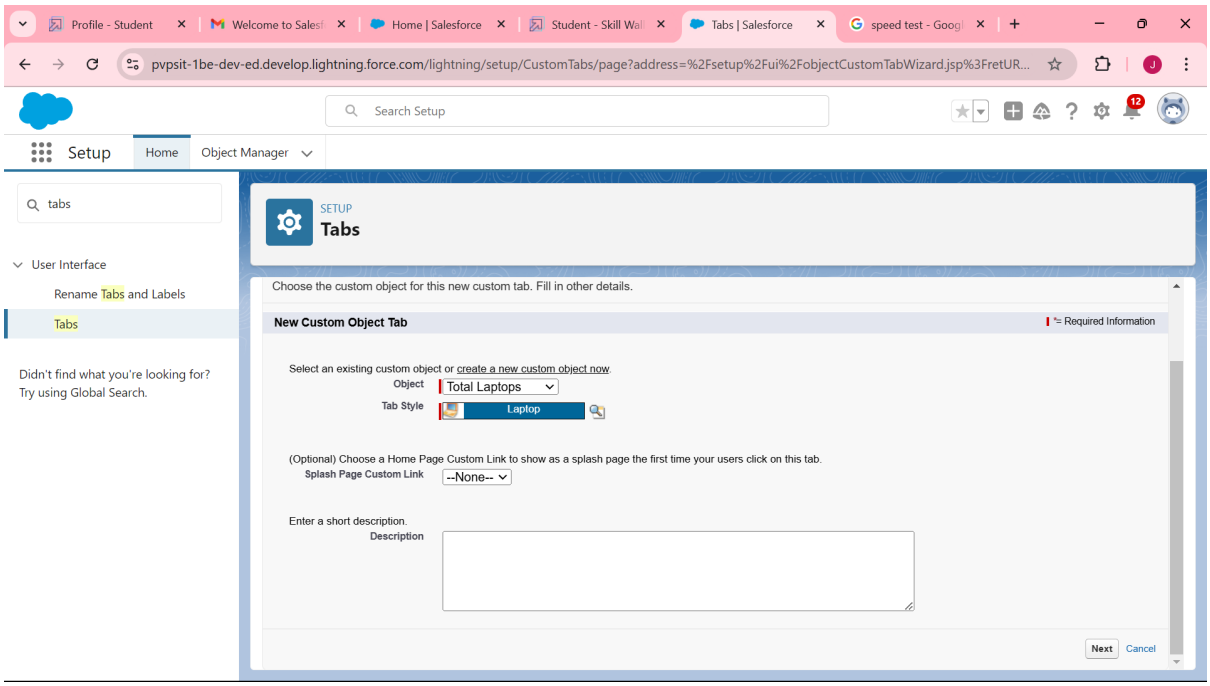
➤ Make sure that the Append tab to users' existing personal customizations is checked.

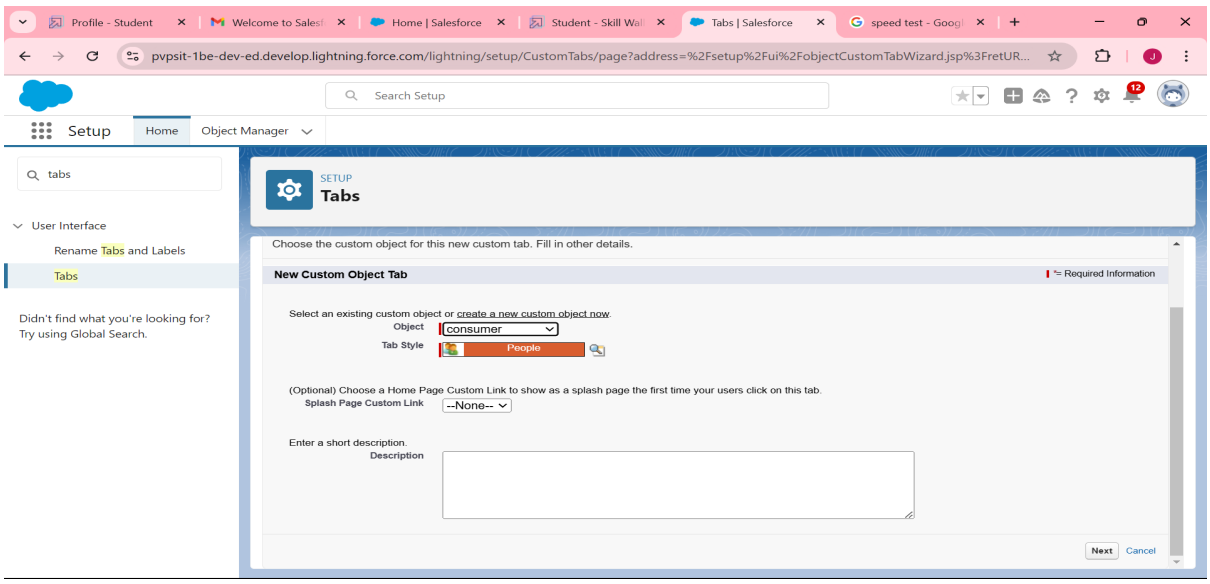
➤ Click save.

Repeat the steps outlined above to create tabs for the remaining objects:

- **Consumer**
- **Laptop Bookings**
- **Billing Process**


Profile - Student
Welcome to Salesf
Home | Salesforce
Student - Skill Wal
Tabs | Salesforce
speed test - Googl
pvpsit-1be-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home
Search Setup
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Custom Tabs
Help for this Page
You can create new custom tabs to extend Salesforce functionality or to build new application functionality.
Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.
Custom Object Tabs
New
What Is This?
No Custom Object Tabs have been defined
Web Tabs
New
What Is This?
No Web Tabs have been defined
Visualforce Tabs
New
What Is This?
No Visualforce Tabs have been defined
Lightning Component Tabs
New
What Is This?


Profile - Student
Welcome to Salesf
Home | Salesforce
Student - Skill Wal
Tabs | Salesforce
speed test - Googl
pvpsit-1be-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/page?address=%2Fsetup%2Fui%2FobjectCustomTabWizard.jsp%3FretUR...
Search Setup
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Choose the custom object for this new custom tab. Fill in other details.
New Custom Object Tab
= Required Information
Select an existing custom object or create a new custom object now
Object
Total Laptops
Tab Style
Laptop
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link
--None--
Enter a short description.
Description
Next
Cancel


Profile - Student
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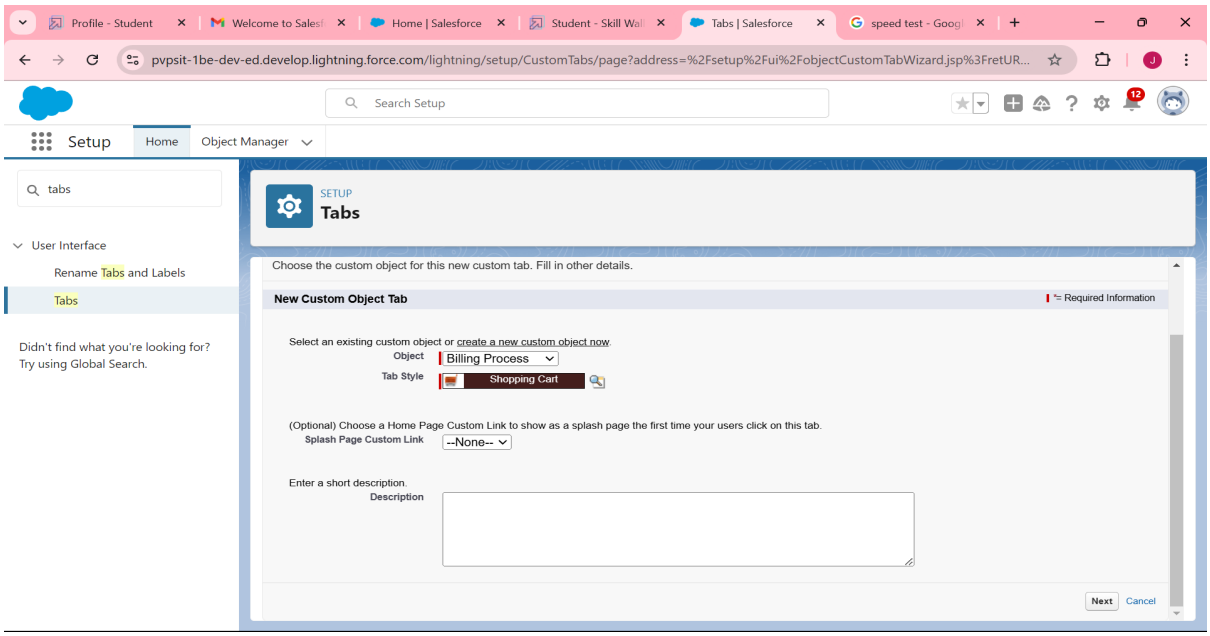
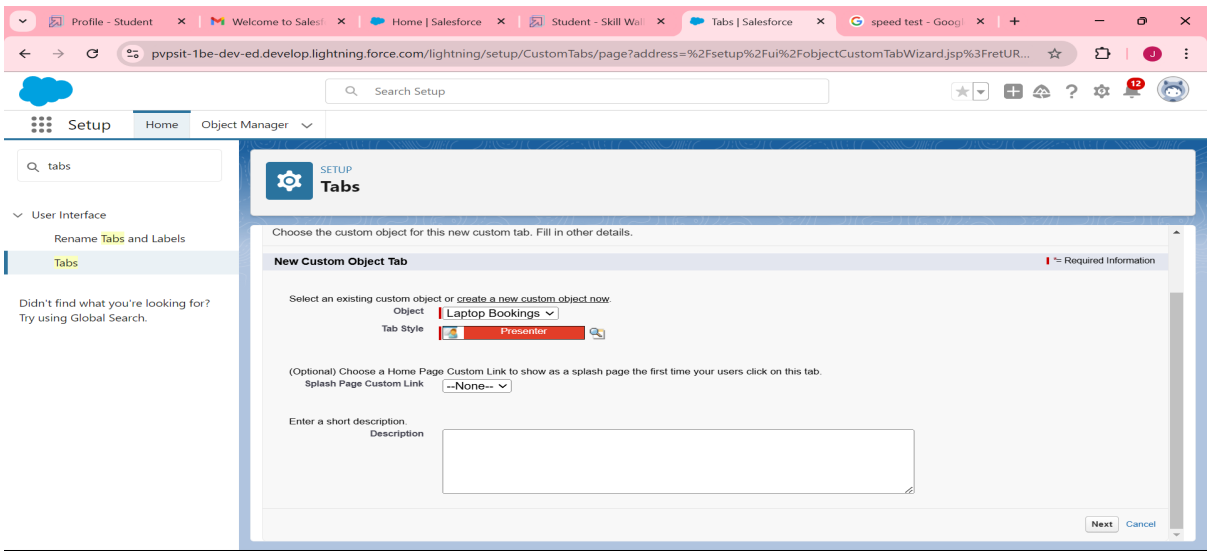
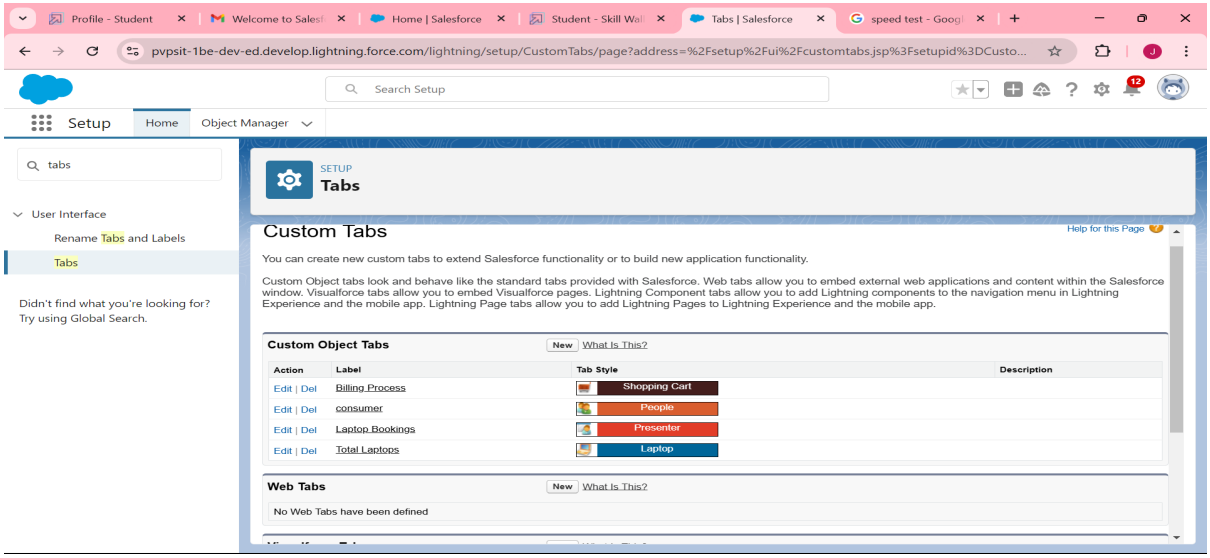
Tabs | Salesforce
speed test - Googl
pvpsit-1be-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/page?address=%2Fsetup%2Fui%2FobjectCustomTabWizard.jsp%3FretUR...
Search Setup
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Choose the custom object for this new custom tab. Fill in other details.
New Custom Object Tab
= Required Information
Select an existing custom object or create a new custom object now
Object
consumer
Tab Style
People
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link
--None--
Enter a short description.
Description
Next
Cancel







The Lightning App:

An app is a collection of items that work together to serve a particular function. In

Lightning Experience, Lightning apps give your users access to sets of objects, tabs, and other items all in one convenient bundle in the navigation bar. Lightning apps let you brand your apps with a custom color and logo. You can even include a utility bar and Lightning page tabs in your Lightning app. Members of your org can work more efficiently by easily switching between apps.

Create a Lightning App

To create a lightning app page:

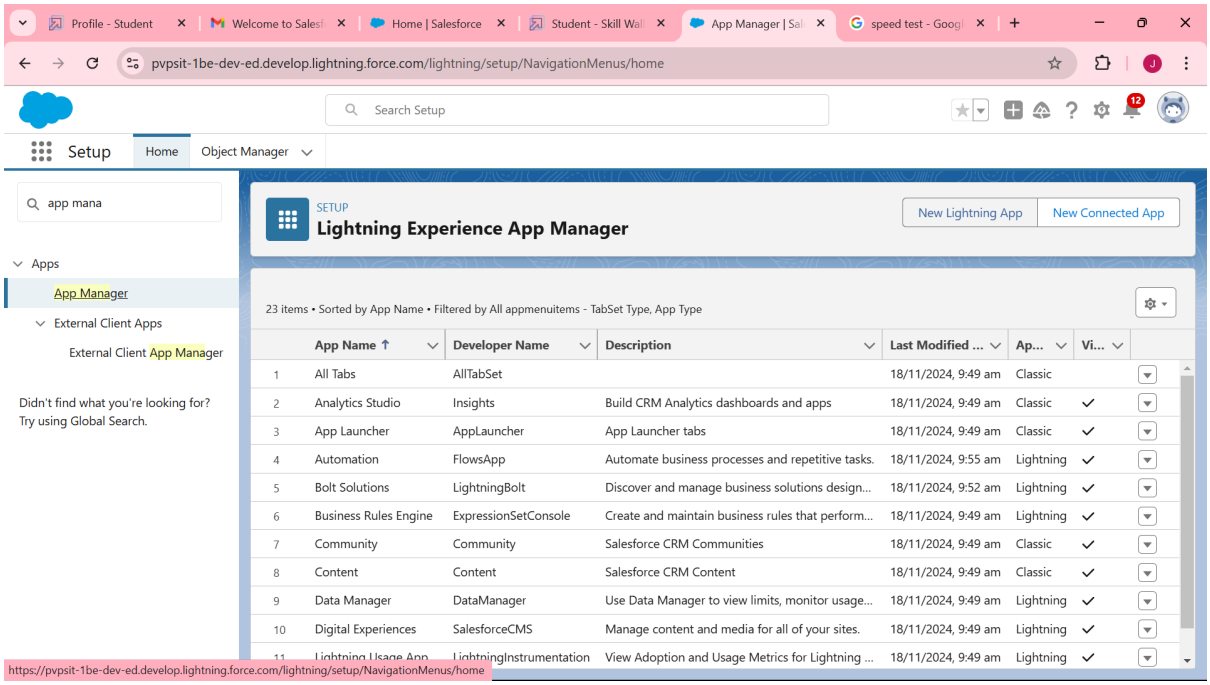
➤ Go to setup page >> search “app manager” in quick find >> select “app manager” >> click on New lightning App.

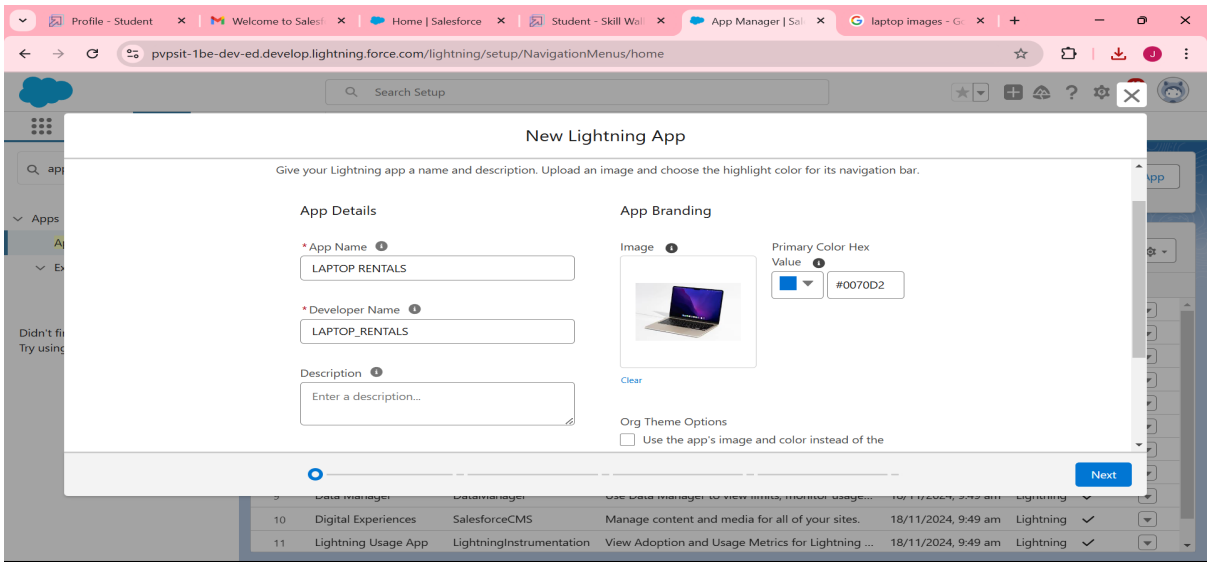
➤ Fill the app name in app details as **LAPTOP RENTALS** >>Next >> (App option page) keep it as default >> Next >> (Utility Items) keep it as default >> Next.

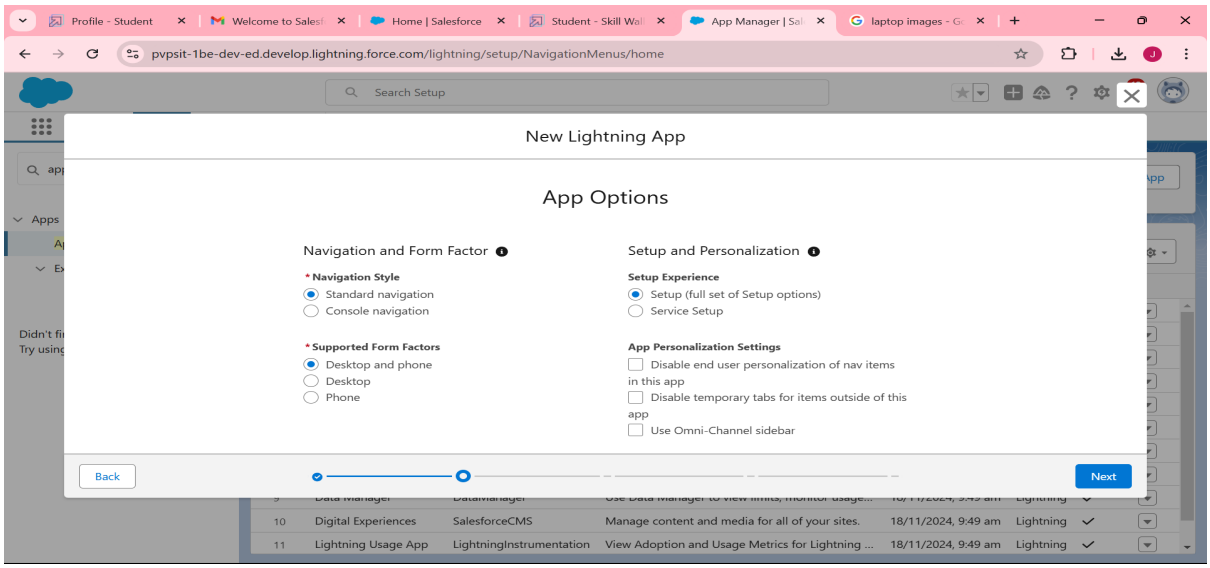
➤ Upload a photo that is related to your app.

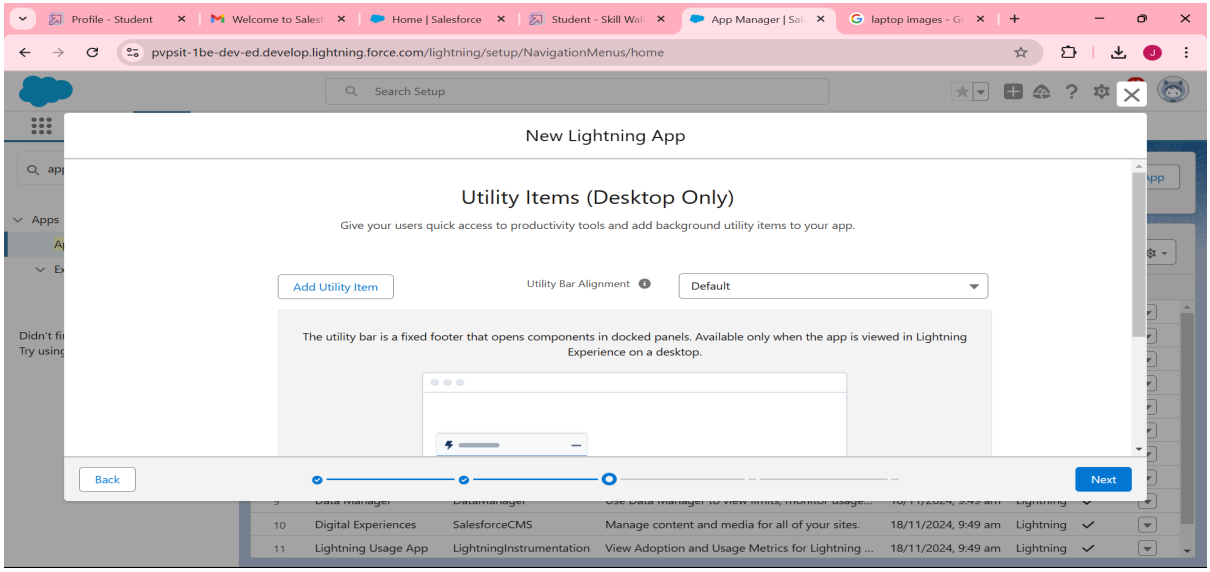
➤ To Add Navigation Items: Select the items (**Total Laptops,consumer,Laptop Booking,Billing Process**) from the search bar and move it using the arrow button >> Next.

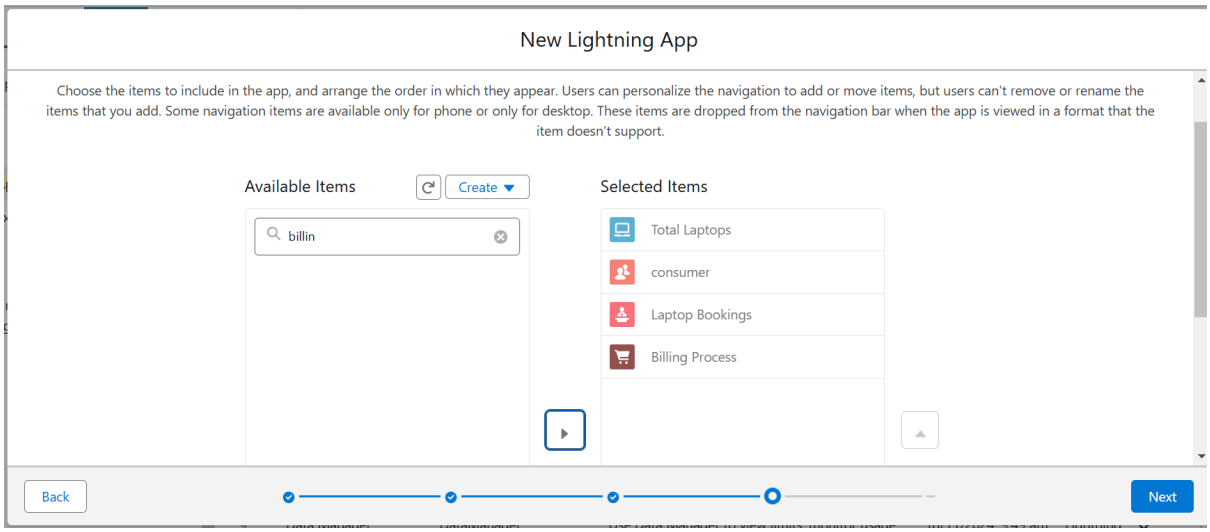
➤ To Add User Profiles: Search profiles (**System administrator**) in the search bar >> click on the arrow button >> save & finish.

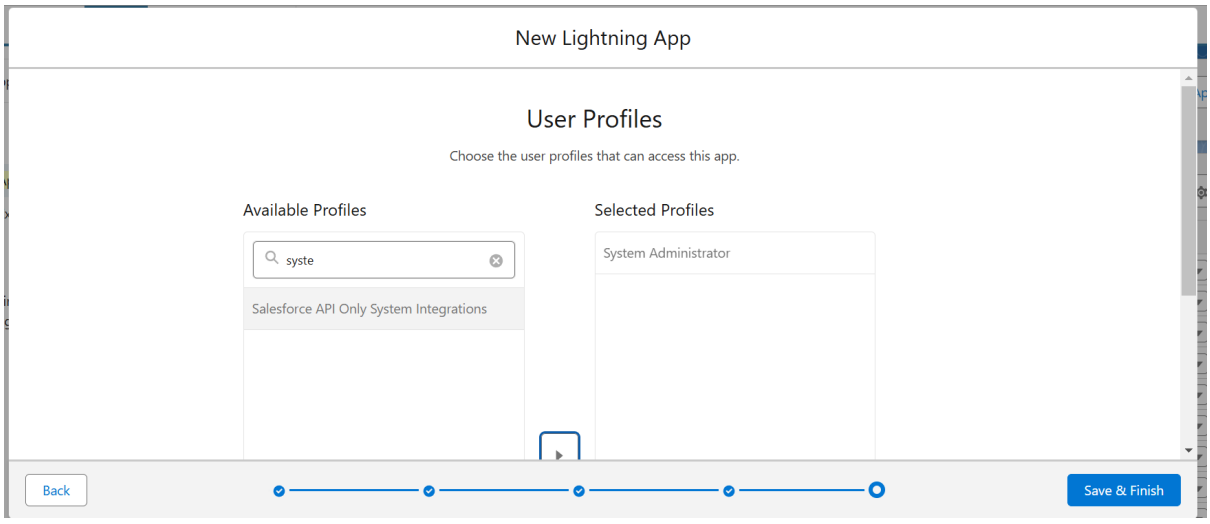


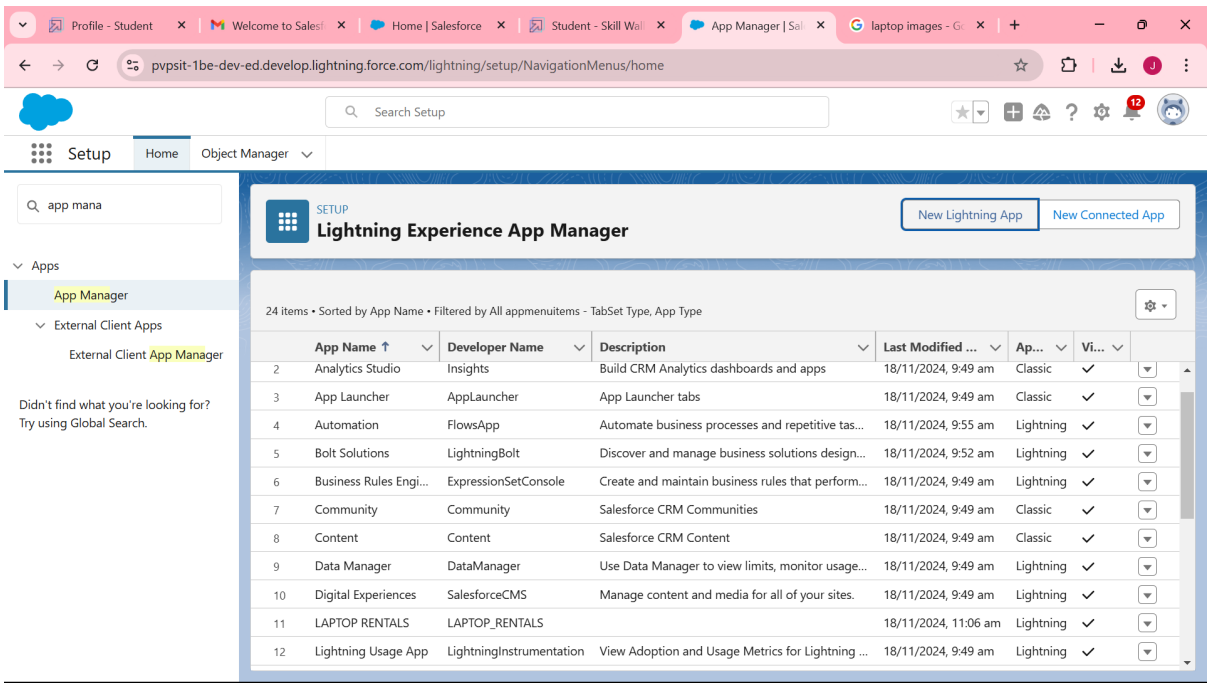

New Lightning App
Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.
App Details
App Branding
*App Name
LAPTOP RENTALS
*Developer Name
LAPTOP_RENTALS
Description
Enter a description...
Image
Clear
Primary Color Hex Value
#0070D2
Org Theme Options
Use the app's image and color instead of the
Next


New Lightning App
App Options
Navigation and Form Factor
*Navigation Style
Standard navigation
Console navigation
*Supported Form Factors
Desktop and phone
Desktop
Phone
Setup and Personalization
Setup Experience
Setup (full set of Setup options)
Service Setup
App Personalization Settings
Disable end user personalization of nav items in this app
Disable temporary tabs for items outside of this app
Use Omni-Channel sidebar
Back
Next


New Lightning App
Utility Items (Desktop Only)
Give your users quick access to productivity tools and add background utility items to your app.
Add Utility Item
Utility Bar Alignment
Default
The utility bar is a fixed footer that opens components in docked panels. Available only when the app is viewed in Lightning Experience on a desktop.
Back
Next







Fields:

When we talk about Salesforce, Fields represent the data stored in the columns of a

relational database. It can also hold any valuable information that you require for a specific object. Hence, the overall searching, deletion, and editing of the records become simpler and quicker.

Types of Fields:

1. Standard Fields 2. Custom Fields

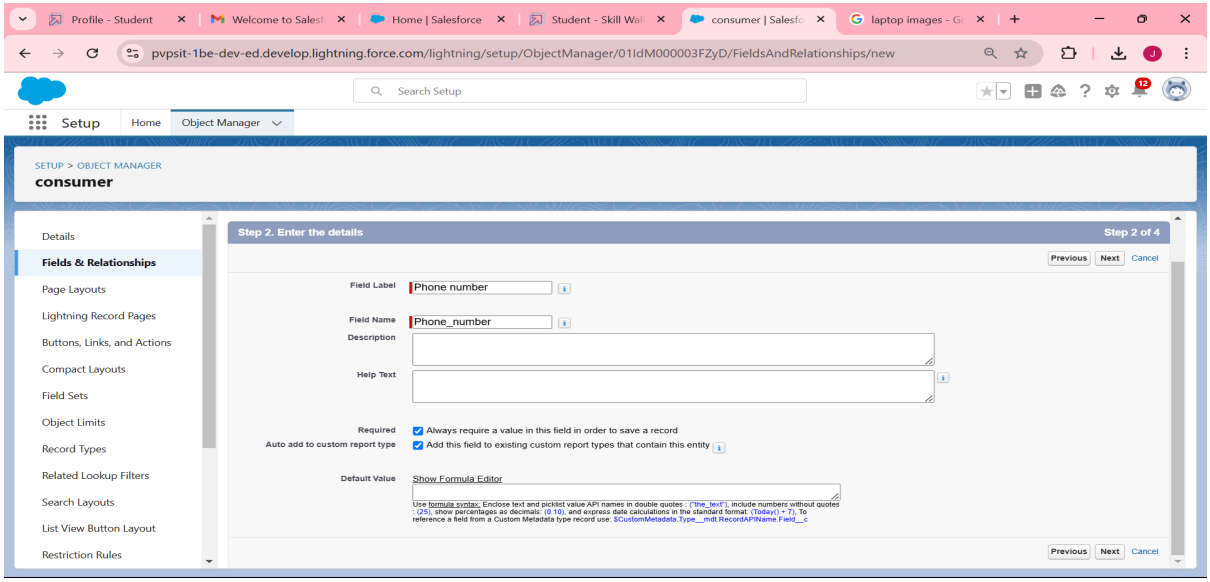
Standard Fields: As the name suggests, the Standard Fields are the predefined fields in Salesforce that perform a standard task. The main point is that you can't simply delete a Standard Field until it is a non-required standard field. Otherwise, users have the option to delete them at any point from the application freely. Moreover, we have some fields that you will find common in every Salesforce application. They are, >>Created By >>Owner >> Last Modified >> Field Made During object Creation

Custom Fields: On the other side of the coin, Custom Fields are highly flexible, and users can change them according to requirements. Moreover, each organizer or company can use them if necessary. It means you need not always include them in the records, unlike Standard fields. Hence, the final decision depends on the user, and he can add/remove Custom Fields of any given form.

Creating the field in consumer object :

To create fields in an object:

1. Go to setup >> click on Object Manager >> type object name(**consumer**) 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

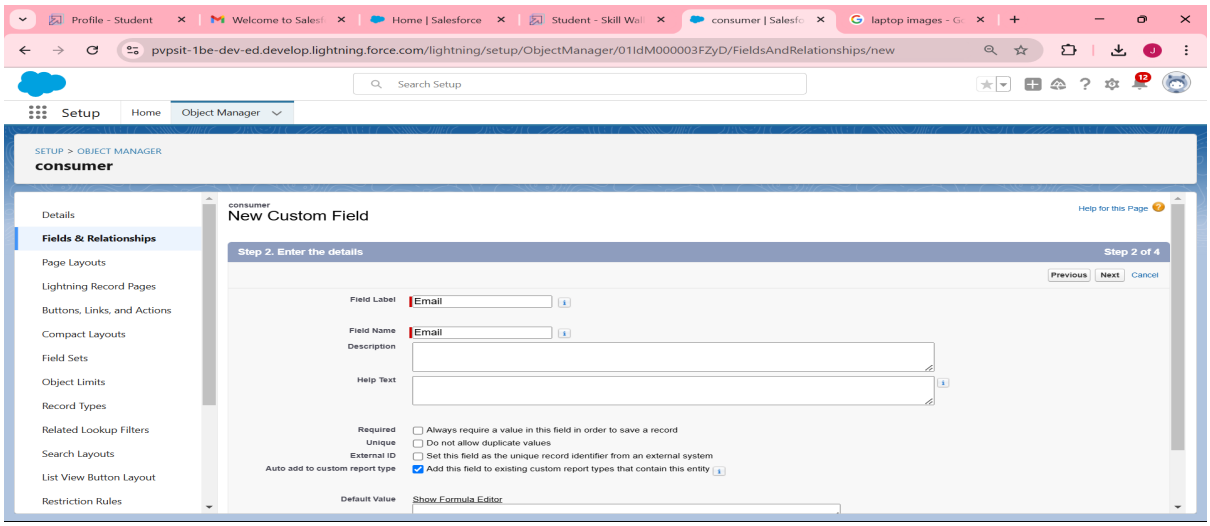


To create another fields in an object:

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

2. Now click on “Fields & Relationships” >> New

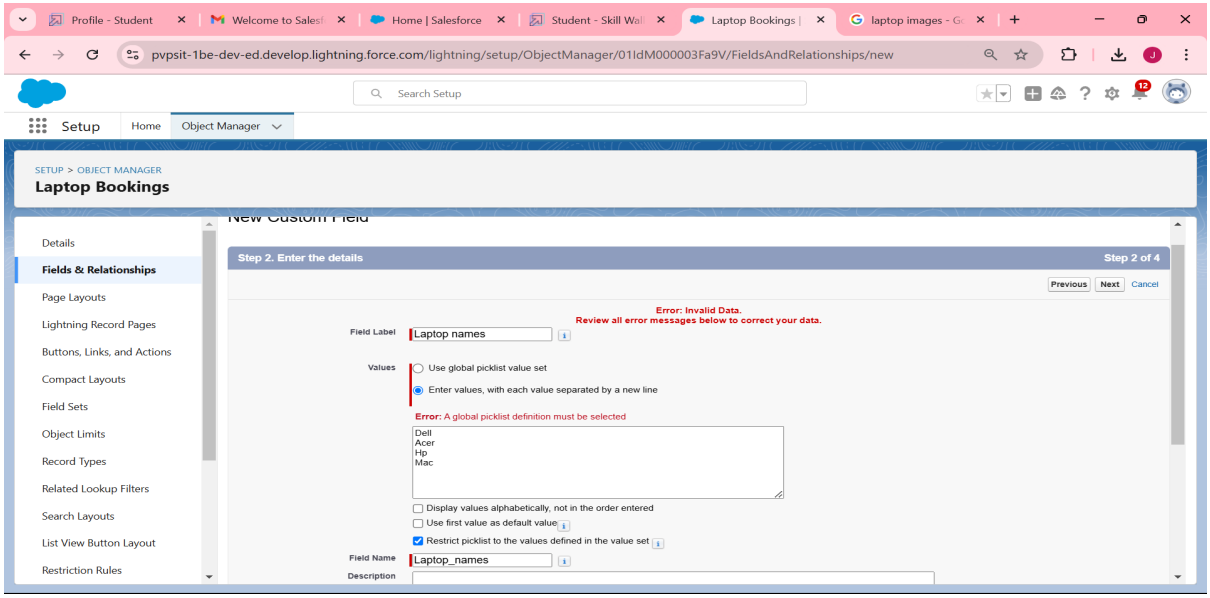
3. Select Data type as a “Email” and Click on Next



Creating the field in Laptops Bookings object

To create fields in an object:

1. Go to setup >> click on Object Manager >> type object name(**Laptop Booking**) in the search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data Type as a “Picklist”
4. Picklist values are:-1.Dell 2. Acer 3.Hp 4.Mac
5. Select required
6. Click on Next >> Next >> Save and new



To Create a Fields & Relationship to an Laptop Booking Object

To create fields & relationship to an object:

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

2. Now click on “Fields & Relationships” >> New
3. Select Data Type as a “Picklist”
4. Picklist values are:-1.core i3 2. Core i5 3. Core i7 .
5. Select required
6. Click on Next >> Next >> Save and new
7. Go to setup >> click on Object Manager >> type object name(Laptop Booking) in the search bar >> click on the object.
8. click field dependency and next
9. Click the include value for dell-core i3,i5,i7 and for acer i3,i4,i5 and for hp i3,i4,i5 and also for mac bionic chip include the values for it.

To Create a Fields & Relationship for Billing Process Object

1. Go to setup >> click on Object Manager >> type object name(**Billing Process**) 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 consumer object and click on Next
6. Change the Field Label: Name
7. click on Next >> Next >> Save and new.

Creation of another fields for the billing process object

To create fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Billing Process) 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: Payment Mode Value >> Select enter values with each value separated by a new line

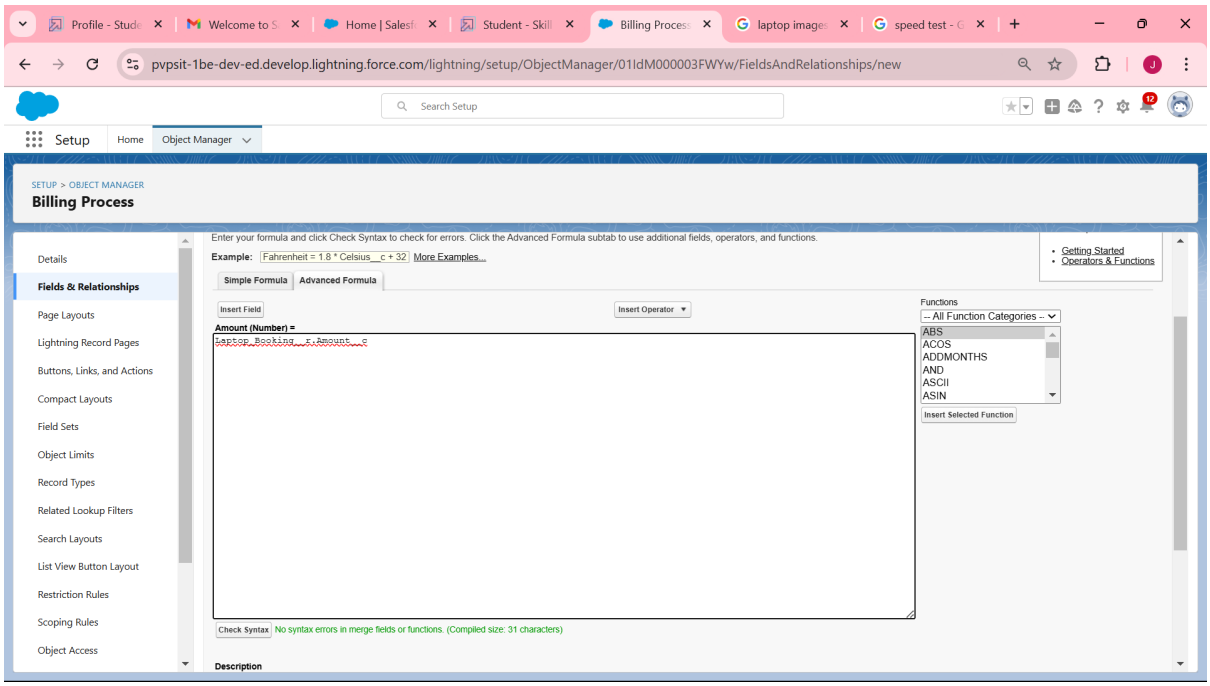
Cash
Check
Credit card
Debit card
UPI
Phonepe
Gpay
Paytm

Select required Click on Next >> Next >> Save and new.

Create a Cross object formula Field in billing process Object

1. Go to setup >> click on Object Manager >> type object name(Billing Process) in the

search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data Type as a “Formula” and click Next.
4. Enter the Field label: Amount, the Field name gets auto generated and click on Next.(Formula return type Number).
5. In the Advanced Formula Click on the Insert field in the popup Screen Select the Billing Process and in the second drop down select the Laptop Booking and in the three drop down select the Amount field and click on Insert
6. “ Laptop_Booking__r.Amount__c ”.
7. Click on the Check syntax: No syntax errors in merge fields



Creating the field in Total Laptops object

1. Go to setup >> click on Object Manager >> type object name(Total Laptops) 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. Field Label: Laptops Available
5. Field Name : It’s gets auto generated
6. Select the Formula Return Type as “Number”
7. Select the Decimal places as “0” and Click on Next .

Validation Rule:

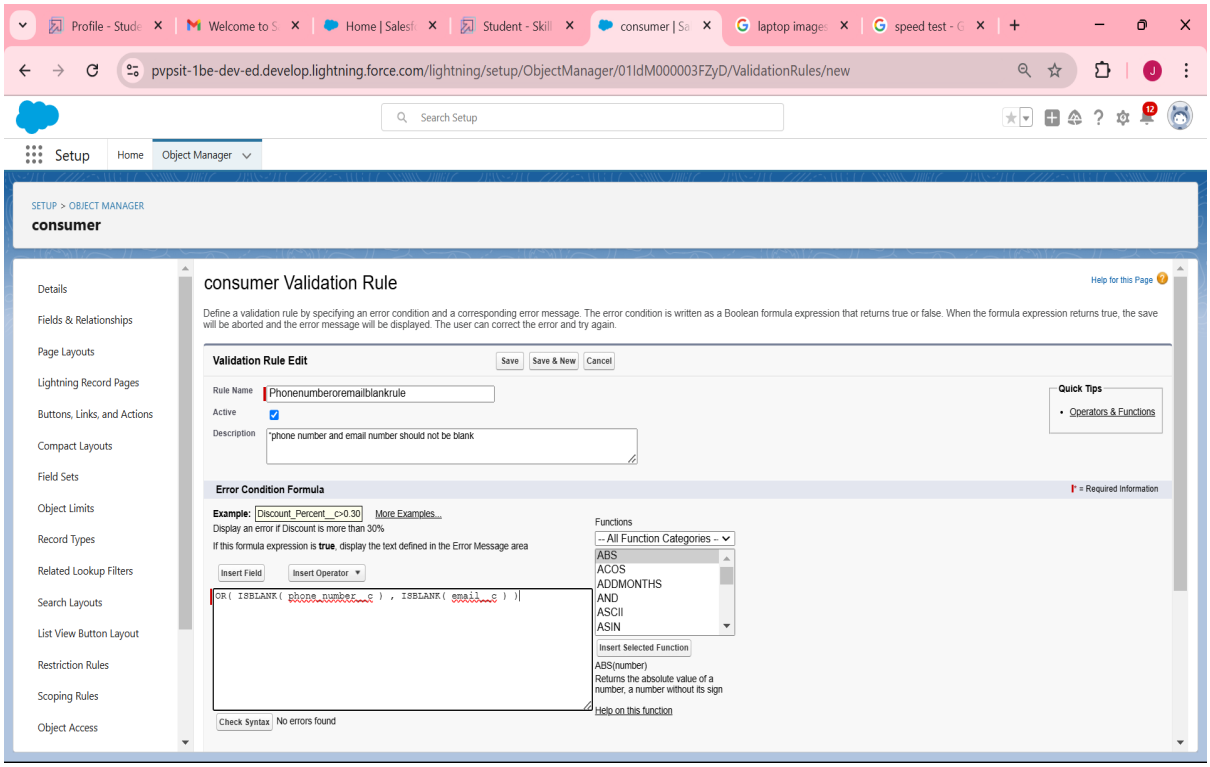
Validation rules are applied when a user tries to save a record and are used to check if the data meets specified criteria. If the criteria are not met, the validation rule triggers an error message and prevents the user from saving the record until the issues are resolved.

Improve the quality of your data using validation rules:

Validation rules verify that the data a user enters in a record meets the standards you specify before the user can save the record. A validation rule can contain a formula or expression that evaluates the data in one or more fields and returns a value of “True” or “False”.

Creating the validation rule for phone number and email fields in consumer object

1. Go to the setup page - click on object manager - From drop down click edit for consumer object.
2. Click on the validation rule - click New.
3. Enter the Rule name as “Phonenumberoremailblankrule ”.
4. Enter the description as “phone number and email number should not be blank”.
5. Enter the formula as “OR(ISBLANK(phone_number__c) , ISBLANK(email__c))” and check the syntax.
6. Save the validation rule.



Profiles:

A profile is a group/collection of settings and permissions that define what a user can do in salesforce. Profile controls “Object permissions, Field permissions, User permissions, Tab settings, App settings, Apex class access, Visualforce page access, Page layouts, Record Types, Login hours & Login IP ranges. You can define profiles by the user's job function. For example System Administrator, Developer,

Sales Representative.

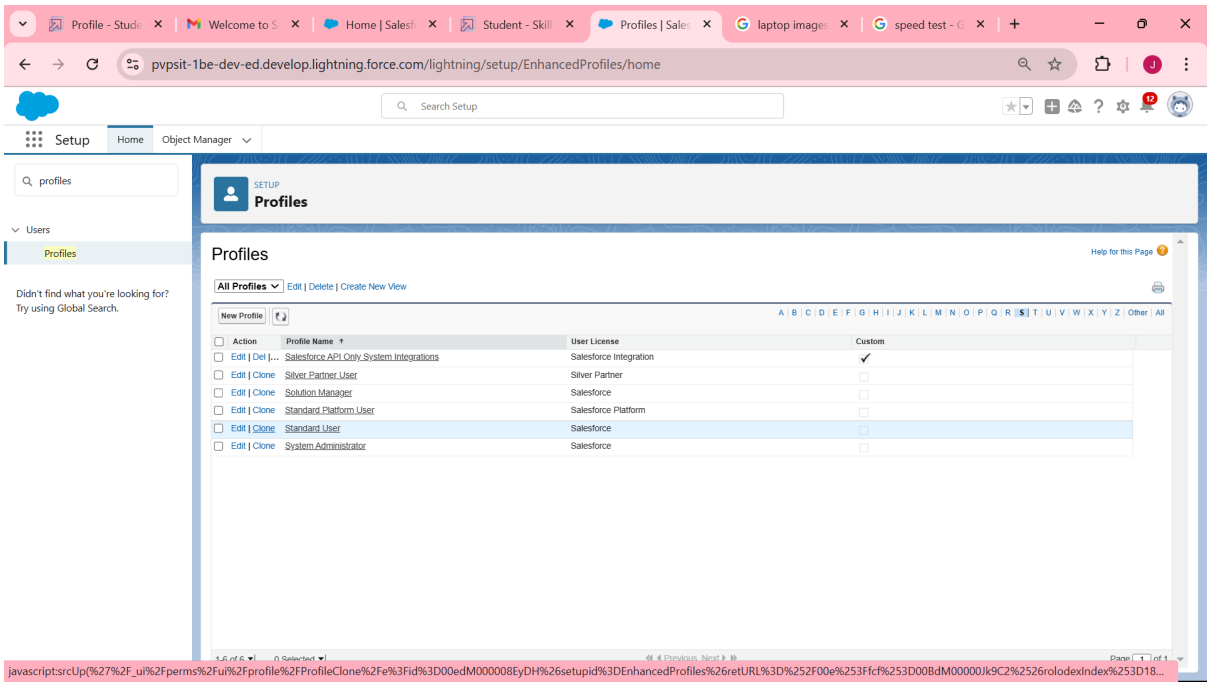
Types of profiles in salesforce

1. **Standard profiles:** By default salesforce provides below standard profiles.

- Contract Manager
- Read Only
- Marketing User
- Solutions Manager
- Standard User
- System Administrator.

We cannot delete standard ones. Each of these standard ones includes a default set of permissions for all of the standard objects available on the platform.

2. **Custom Profiles:** Custom ones defined by us. They can be deleted if there are no users assigned with that particular one.



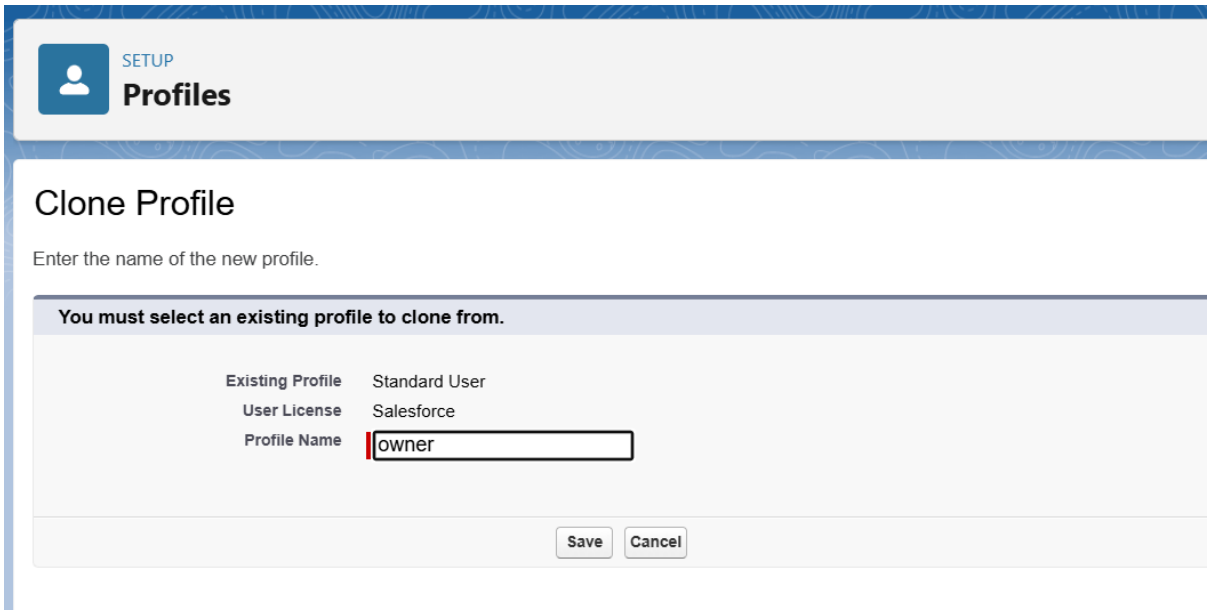
Owner Profile

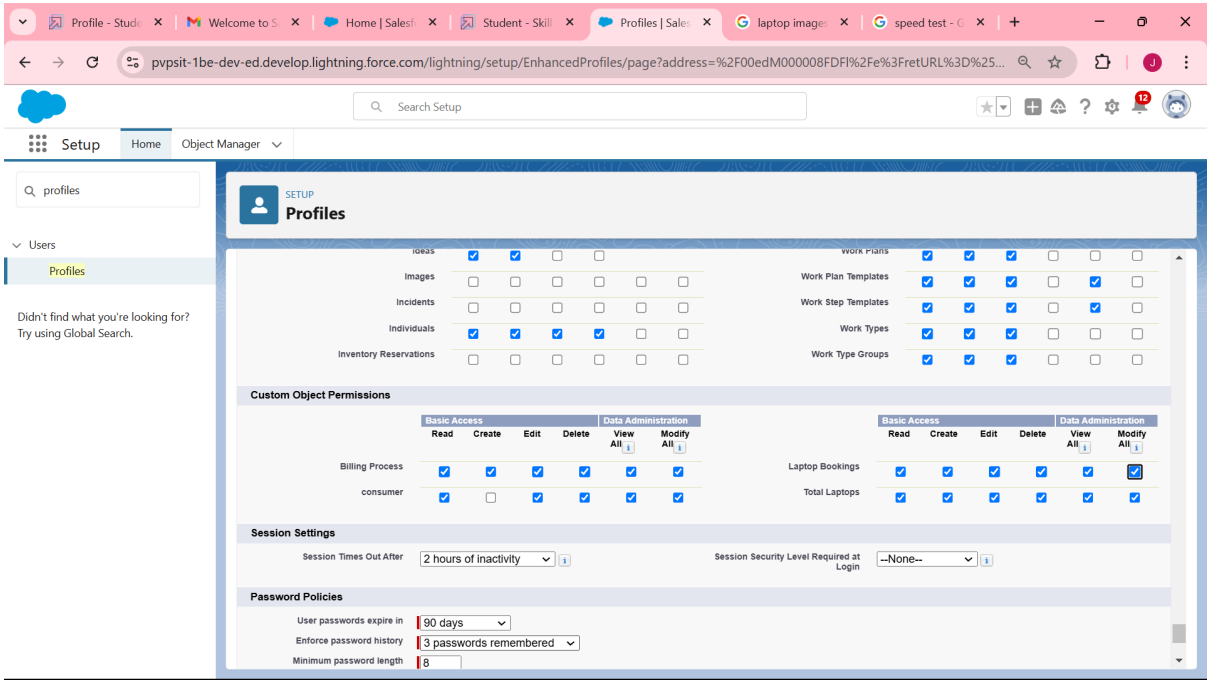
To create a new profile:

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

2.Scroll down to Custom Object Permissions and Give access permissions for Total Laptops, consumers , Laptop Booking and Billing Process objects as mentioned in the below diagram.

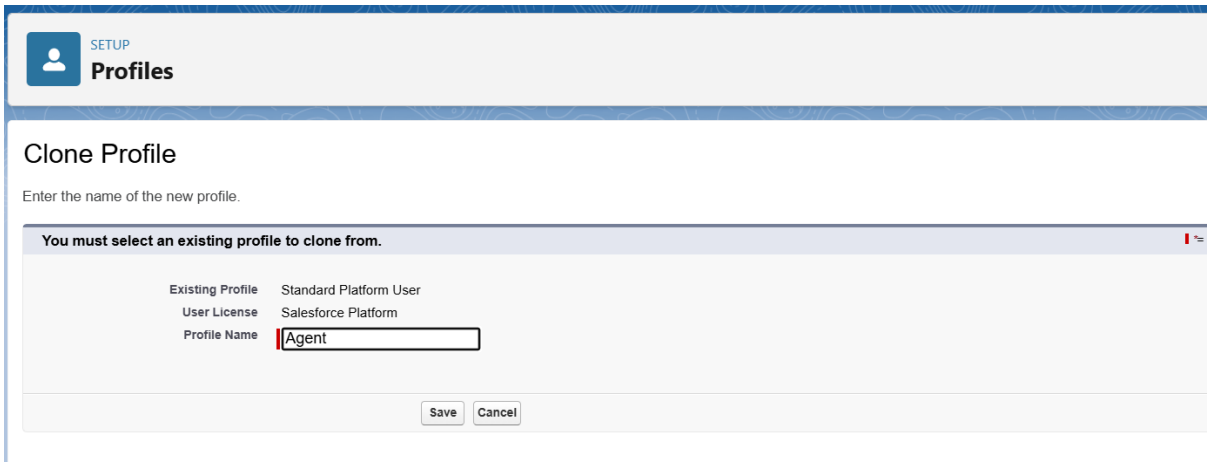
3. Give Access and Save it.

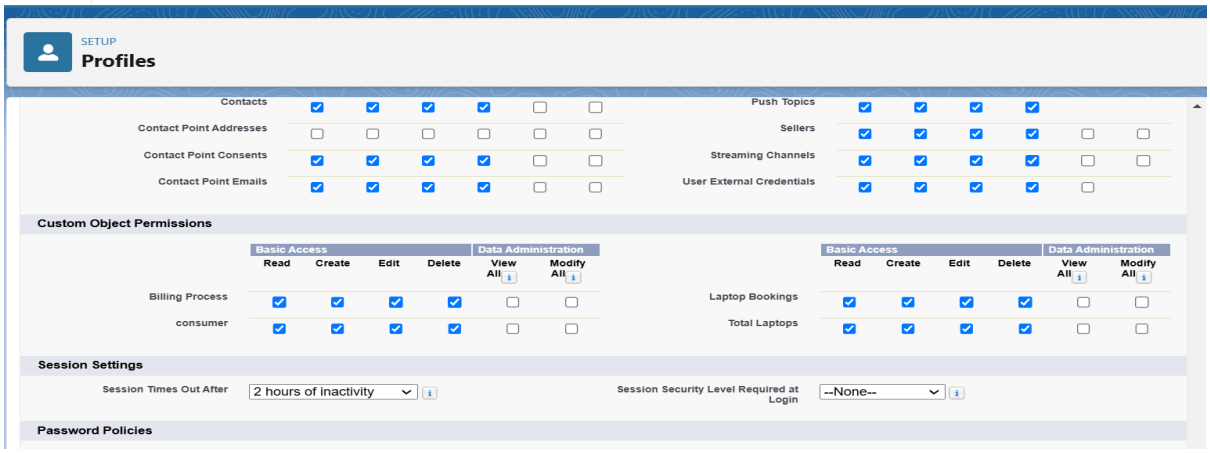




Agent Profile

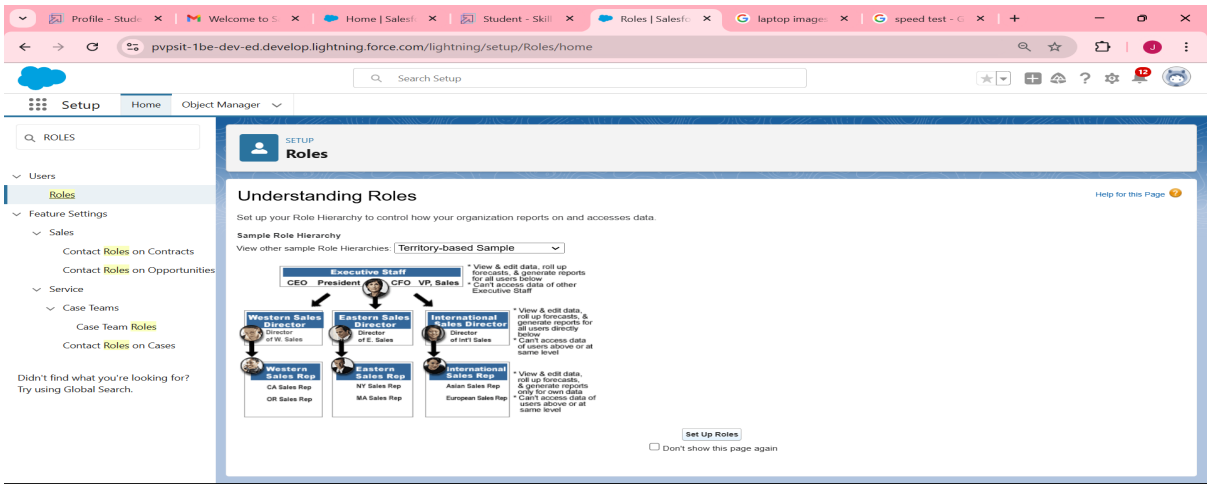
1. Go to setup >> type profiles in quick find box >> click on profiles >> clone the desired profile (Standard Platform User) >> enter profile name (**Agent**) >>Save.
2. While still on the profile page, then click Edit.
3. Scroll down to Custom Object Permissions and Give access permissions for Total Laptops, consumer , Laptop Bookings and Billing Process objects as mentioned in the below diagram.

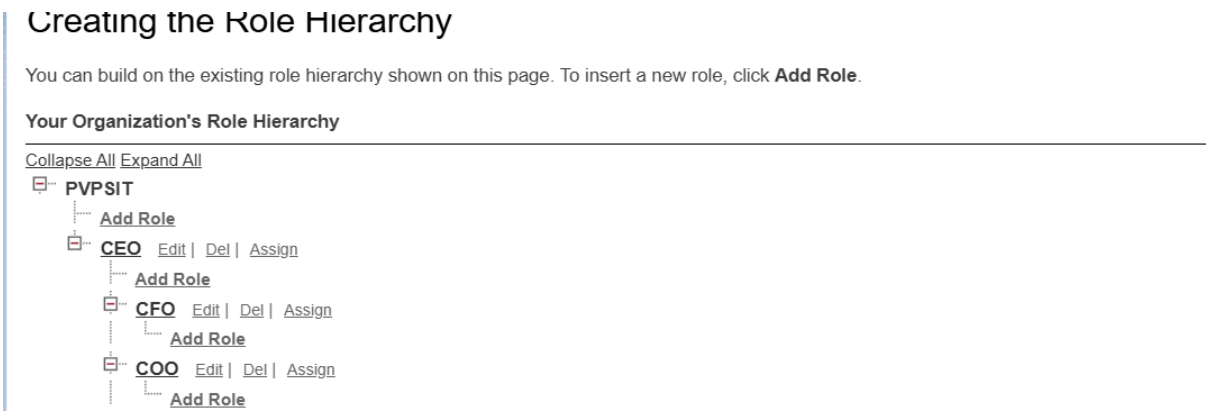




Roles and Hierarchy:

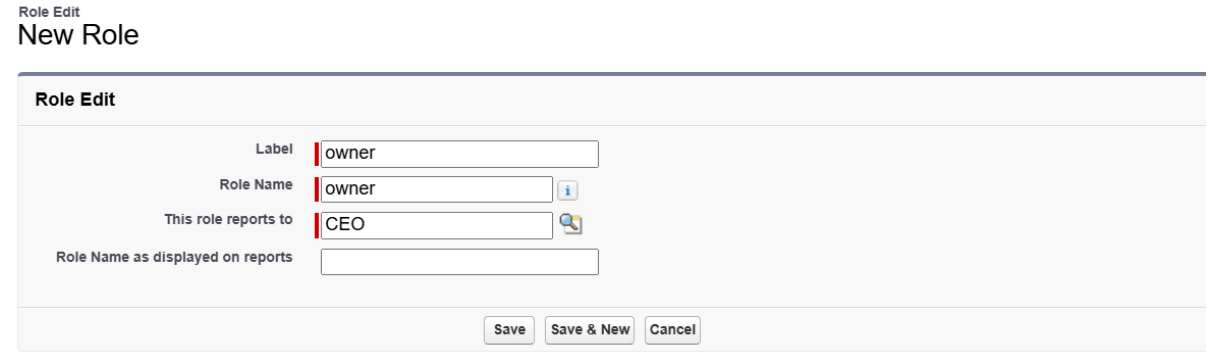
A role in Salesforce defines a user's visibility access at the record level. Roles may be used to specify the types of access that people in your Salesforce organization can have to data. Simply put, it describes what a user could see within the Salesforce organization.





Creating owner Role:

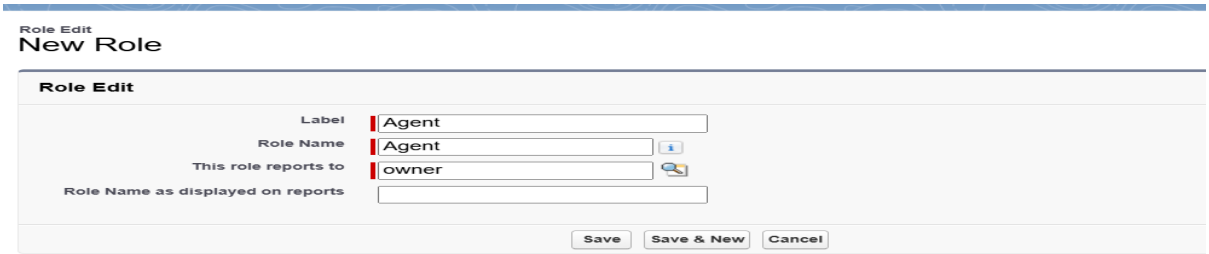
1. Go to quick find >> Search for Roles >> click on set up roles.
2.Click on Expand All and click on add role under whom this role works.
3. Give Label as “owner” and Role name gets auto populated. Then click on Save.
4. Click and save it.



Activity 2: Creating Agent roles

Creating another two roles under manager

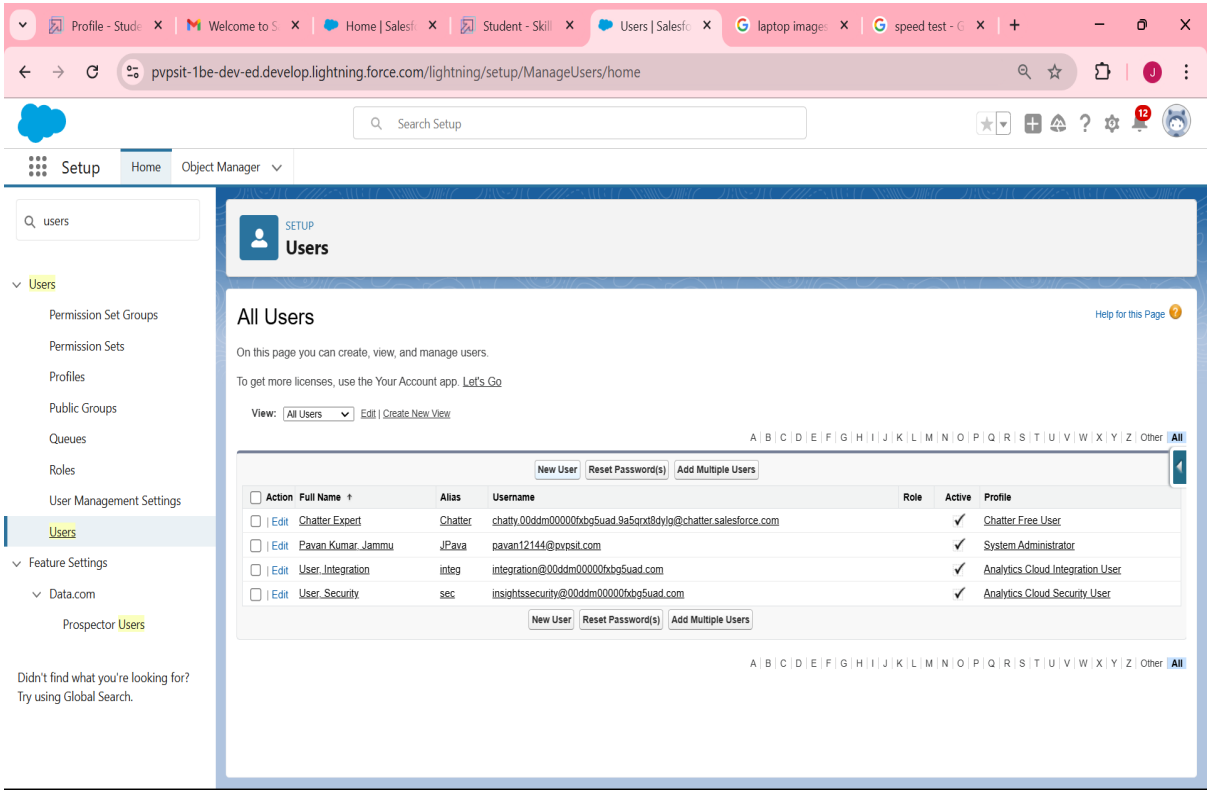
1. Go to quick find - Search for Roles - click on set up roles.
2. Click plus on CEO role, and click add role under owner.
3. Give Label as “Agent” and Role name gets auto populated.
4.Then click on Save.



Users:

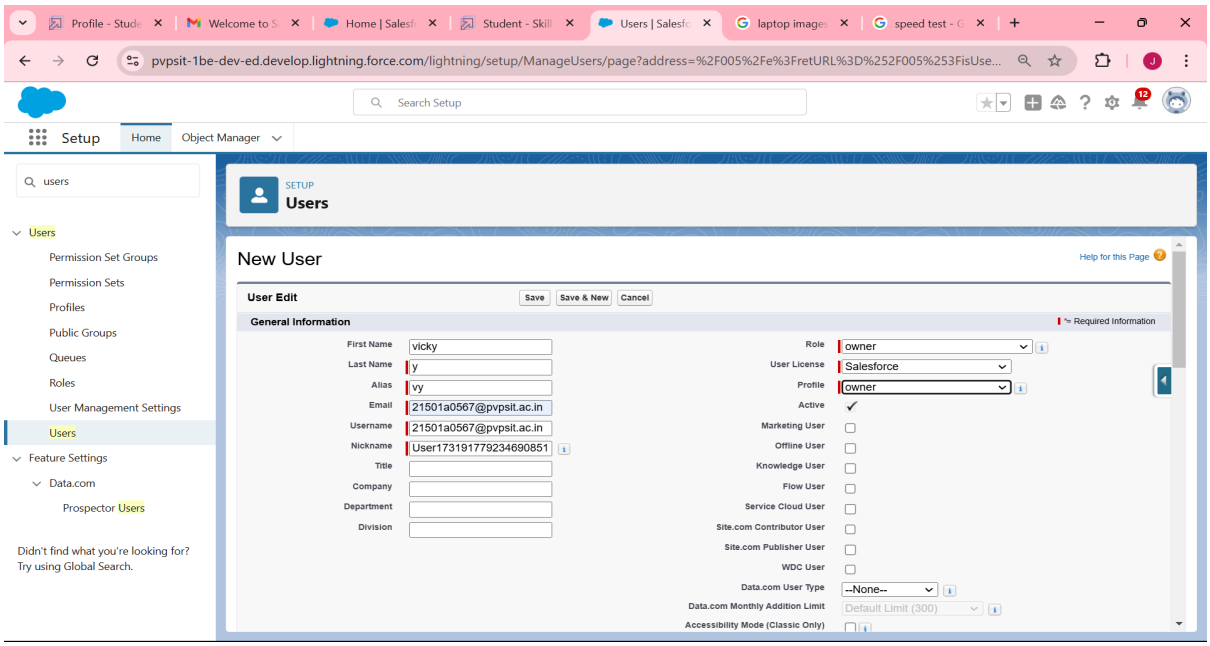
A user is anyone who logs in to Salesforce. Users are employees at your company,

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.



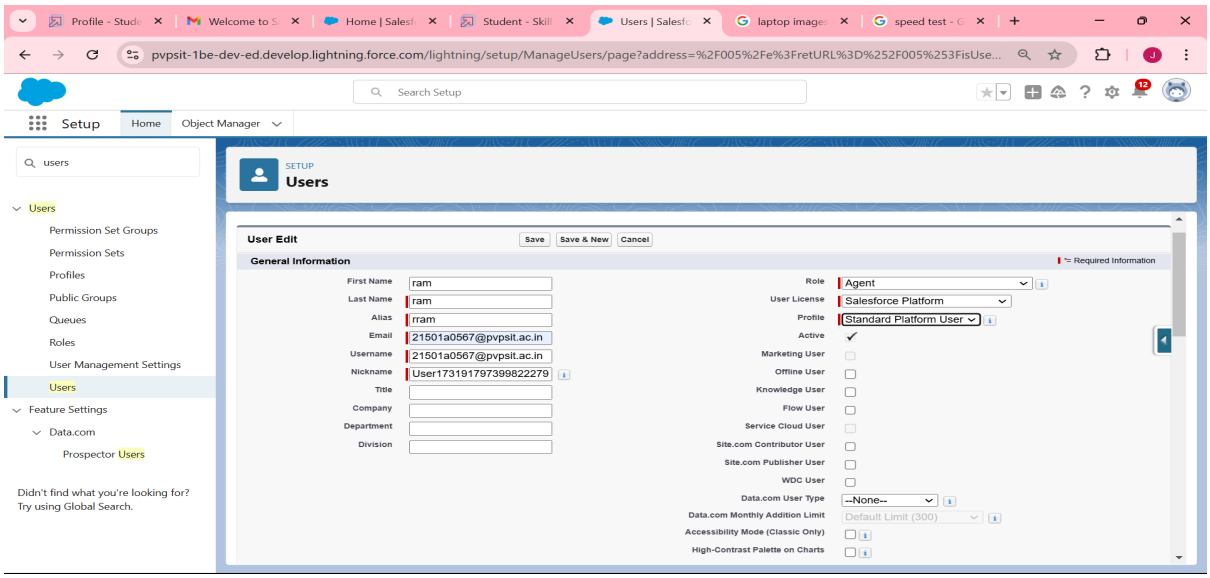
Create User

1. Go to setup - type users in quick find box - select users -click New user.
2. Fill in the fields
3. First Name : vicky
4. Last Name : y
5. Alias : Give a Alias Name
6. Email id : Give your Personal Email id
7. Username : Username should be in this form: text@text.text
8. Nick Name : Give a Nickname
9. Role : owner
10. User license : Salesforce
11. Profiles : owner. Save it.



Activity 2: creating another users

1. Go to setup -type users in quick find box - select users -click New user.
2. Fill in the fields
3. First Name : ram
4. Last Name : ram
5. Alias : Give a Alias Name
6. Email id : Give your Personal Email id
7. Username : Username should be in this form: text@text.text
8. Nick Name : Give a Nickname
9. Role : Agent
10. User license : Salesforce platform
11. Profiles : standard platform user. Save it.



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. In Salesforce, "flows" typically refer to Salesforce Flow, which is a powerful automation tool that allows you to create custom, automated processes in your Salesforce org without writing code. Salesforce Flow is a point-and-click tool that enables you to design and automate complex business processes, collect data, and interact with users in a visual interface.

There are different types of flows in Salesforce, including:

Screen Flows: These are used to guide users through a series of screens to collect or display information. Screen Flows are often used for data entry and updates.

Autolaunched Flows: These are flows that are triggered by events, such as when a record is created or updated. They don't require user interaction and can be used for background automation.

Flow Builder: Flow Builder is the visual interface used to create flows. It allows you to design flows by adding elements, like screens, logic, and actions, using a drag-and-drop approach.

Flow Templates: Salesforce provides a library of pre-built flow templates that you can use as a starting point for your own flows. These templates cover a variety of use cases, from simple to complex.

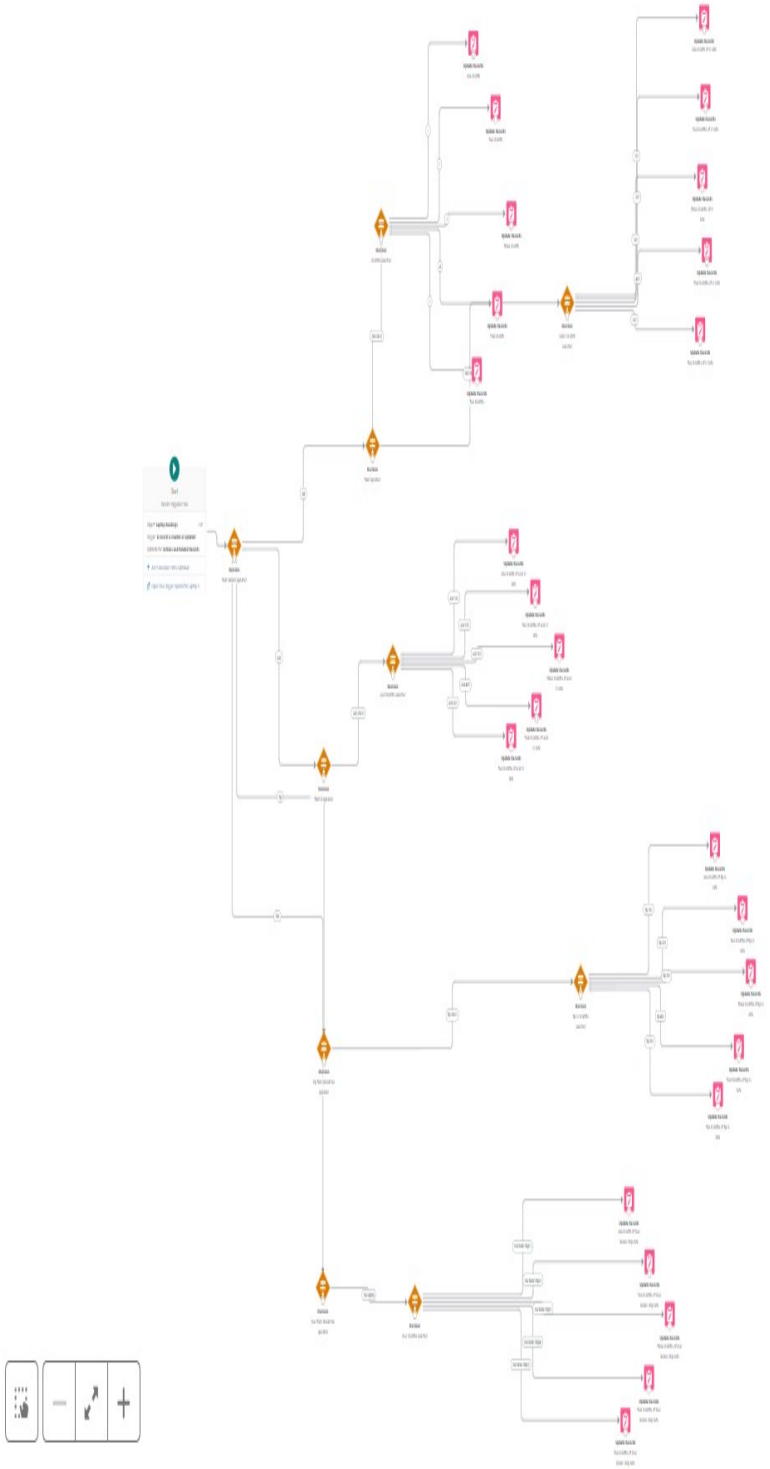
Create a Flow on dell laptop

1. Go to Setup and type "Flow" in the Quick Find box.
2. Select "Flow" and click "New Flow".
3. Choose "**Record-Triggered Flow**" and click "Create".
4. Select "**Laptop Booking**" from the object dropdown.
5. Set the trigger as "**A record is Created or Updated**".
6. Optimize the flow for "Actions and Related Records".
7. Click "+" under the flow canvas and select "Decision".
8. Set the label to "Update" (API name auto-generates).
9. Add outcomes for **Dell, Acer, HP, and Mac**.
10. After the laptop model decision, add another decision for core type **(i3, i5, i7**).
11. Define conditions for core types (e.g., "core type equals i3").
12. Add outcomes for Dell core types (i3, i5, i7).
13. After core type decision, add another decision for months (1-5).
14. Set conditions for months (e.g., "how many months equals 1").
15. Add outcomes for months selected (**1, 2, 3, 4, 5**).
16. Add an "**Update Record**" action based on **month selection**.
17. Set **Amount__c** values for Dell i3 (**1000, 2000**, etc.).
18. Repeat the process for Dell i5 and i7 with corresponding amounts.
19. Connect outcomes to the appropriate update record actions.

20. Save and activate the flow.

*Similarly we did for remaining laptops also

Overall Flow Diagram:



APEX:

Apex Overview

Apex is a strongly typed, object-oriented programming language that allows developers to execute flow and transaction control statements on the Lightning platform server in conjunction with calls to the Lightning Platform? API. Using syntax that looks like Java and acts like database stored procedures, Apex enables developers to add business logic to most system events, including button clicks, related record updates, and Visualforce pages. Apex code can be initiated by Web service requests and from triggers on objects.
It is as similar as java i.e, it also supports OOP(Object oriented programming) like Classes, objects, methods.

Creating Classes :

Apex classes are modeled on their counterparts in Java. You'll define, instantiate, and extend classes, and you'll work with interfaces, Apex class versions, properties, and other related class concepts.

● **Class:** As in Java, you can create classes in Apex. A class is a template or blueprint from which objects are created. An object is an instance of a class.

● **Object:** Object is an instance of a class, where it can access all the properties that are present in a class i.e, variables and methods.

Steps to create a class in APEX:

1. Login to the trailhead account and navigate to the gear account in the top right corner.
2. Then we can see the Developer console. Click on the developer console and you will navigate to a new console window.
3. Then you can see many tools in the Toolbar of the new console window. Click on File, New and Apex Class.
4. Enter the name of the class to create a new class file.

Trigger code:

```
trigger LaptopBooking on Laptop_Bookings__c (After insert,after update) {
if(trigger.isAfter && ( trigger.isInsert || trigger.isupdate))  {
LaptopBookingHandler.sendEmailNotification(trigger.new);
    }
}
```

1.LaptopBooking - trigger name

2.Laptop_Bookings__c -as per your org(go to laptop bookings object and copy from that object api name).

Handler Class Code:

```
public class LaptopBookingHandler {
public static void sendEmailNotification (List lapList)
```

```
{
for(Laptop_Bookings__c lap:lapList)
 {
 Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
email.setToAddresses( new List{lap.Email__c});
 email.setSubject('Welcome to our company');
 string body = 'Dear ' +lap.Name +', \n';
body += 'Welcome to Laptop Rentals! You have been seen as a valuable customer  to us.\n Please continue your journey with us, while we try to provide you with good quality resources. \n Laptop Amount = ' + lap.Amount__c + ' \n core type = '+lap.core__c +'  \n Laptop type = '+lap.Laptop_type__c;
email.setPlainTextBody(body);
Messaging.sendEmail(new List{email});
   }
 }
}
```

1.Class name:- LaptopBookingHandler

2.API Name:- Laptop_Bookings__c(as per your org go to laptop booking object and copy from that).

3.core__c (as per your org go to laptop booking object and copy from that).

4.Laptop_type__c.(as per your org go to laptop booking object and copy from that).

In this project , trigger is called whenever the particular record's sum exceeds the threshold i.e minimum business requirement value. Then the code in the trigger will get executed.

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.
In Salesforce.com we can easily generate reports in different styles. And can create reports in a very short time and also schedule the reports. Salesforce provides a powerful suit of analytic tools to help you organize, view and analyze your data.

Types of Reports in Salesforce

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

1. **Tabular Reports**: Simple listing of data without any subtotals. This type of reports provide you most basically to look at your data. Use tabular reports when you want a simple list or a list of items with a grand total.

Example: This type of reports are used to list all accounts, List of contacts, List of opportunities…..etc.….

2. **Summary Reports**: This type of reports provide a listing of data with groupings and sub totals. Use summary reports when you want subtotals based on the value of a particular field or when you want to create a hierarchically grouped report, such as sales organized by year and then by quarter.

Example: All opportunities for your team sub totaled by Sales Stage and Owner.

3. **Matrix Reports**: This type of reports allow you to group records both by row and by column. A comparison of related totals, with totals by both row and column. Use matrix reports when you want to see data by two different dimensions that aren't related, such as date and product.

Example: Summarize opportunities by month vertically and by account horizontally.

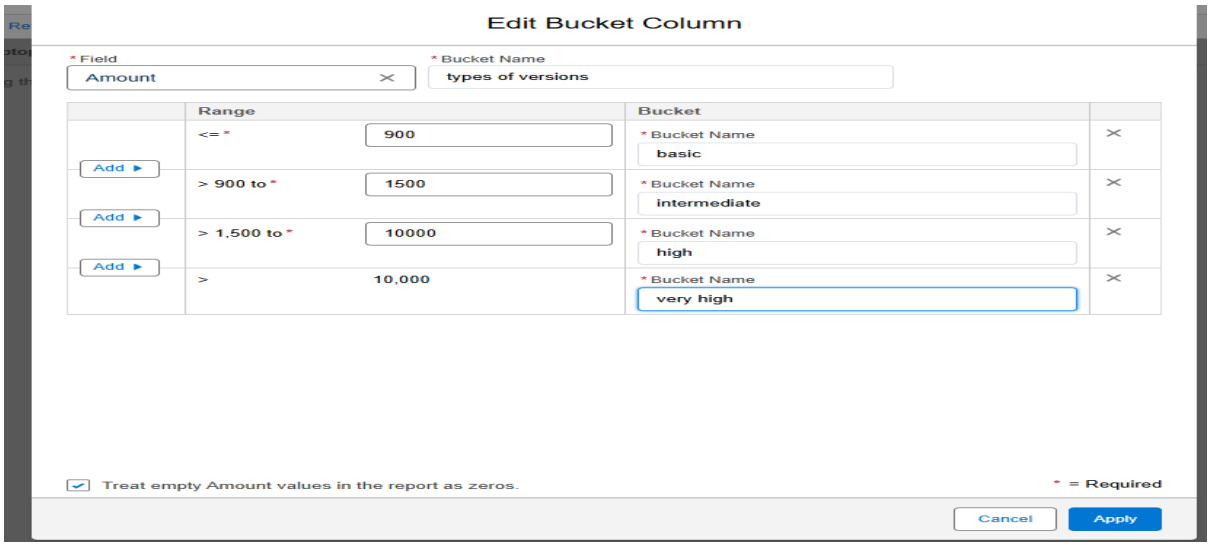
4. **Joined Reports:** Blocks of related information in a single report. This type of reports enable you to adopt five different blocks to display different types of related data. Each block can own unique columns, summary fields, formulas, filters and sort

order. Use joined reports to group and show data from multiple report types in different views.

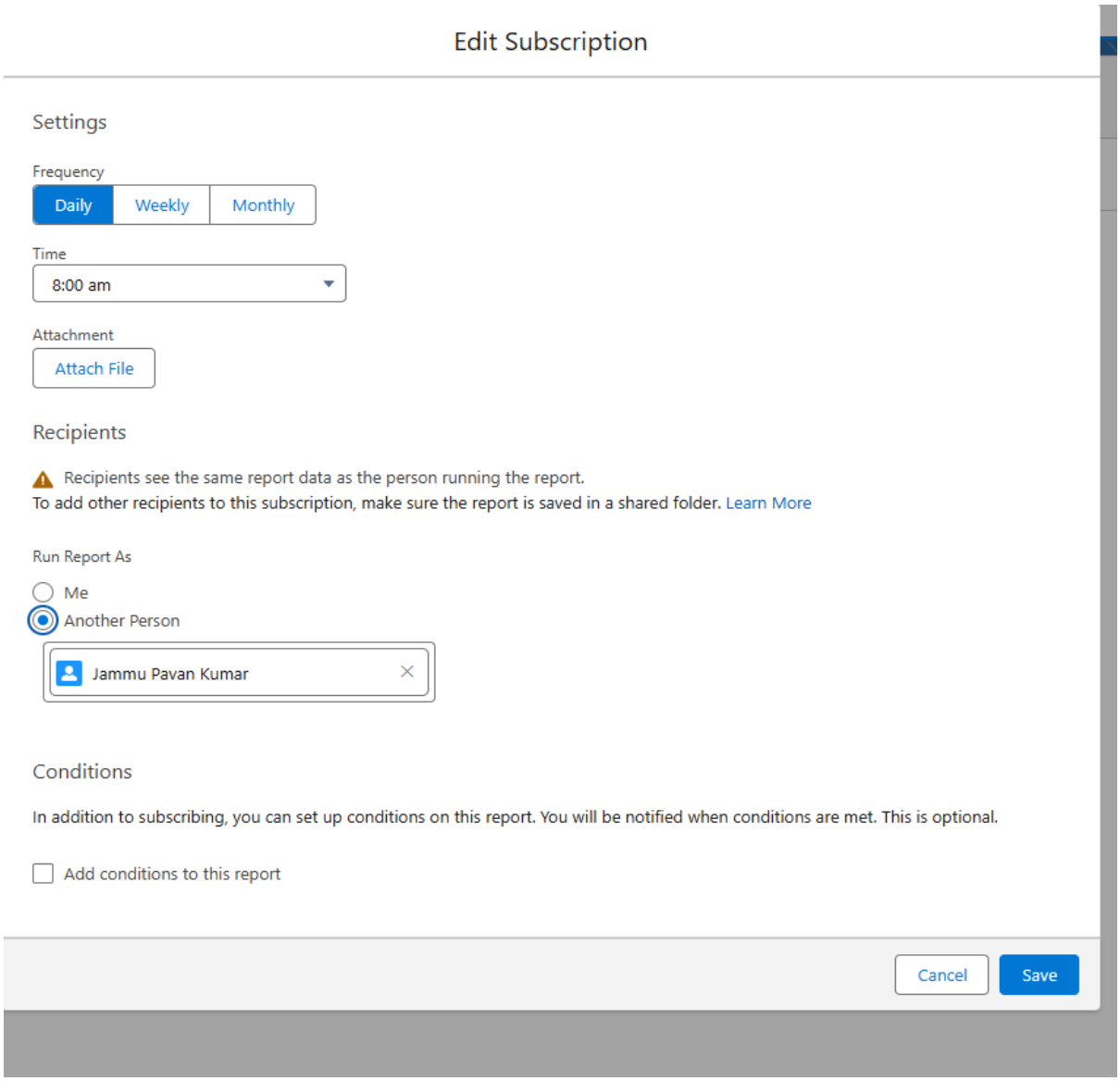
Example: You can build a report to show opportunity, case and activity data for your accounts.

Create Report

1. Go to the app -click on the reports tab
2. Click New Report.
3. Select report type from category or from report type panel or from search panel "**consumer with Laptop Bookings and total laptops**" >> click on start report.
4. Customize your report
5. Add fields from left pane as shown below
6. Click the column drop down and select bucket list.
7. Click apply it.

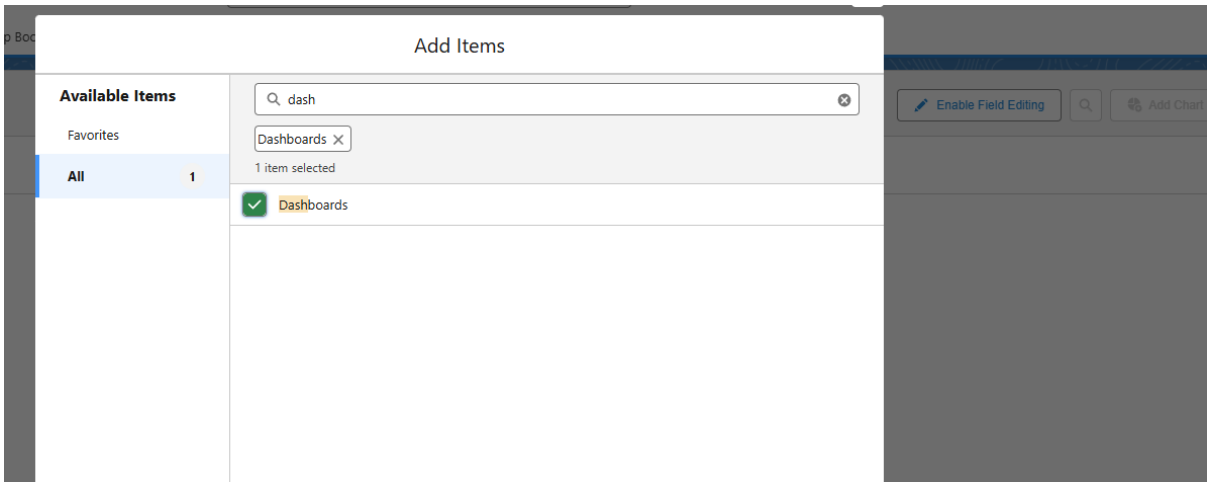


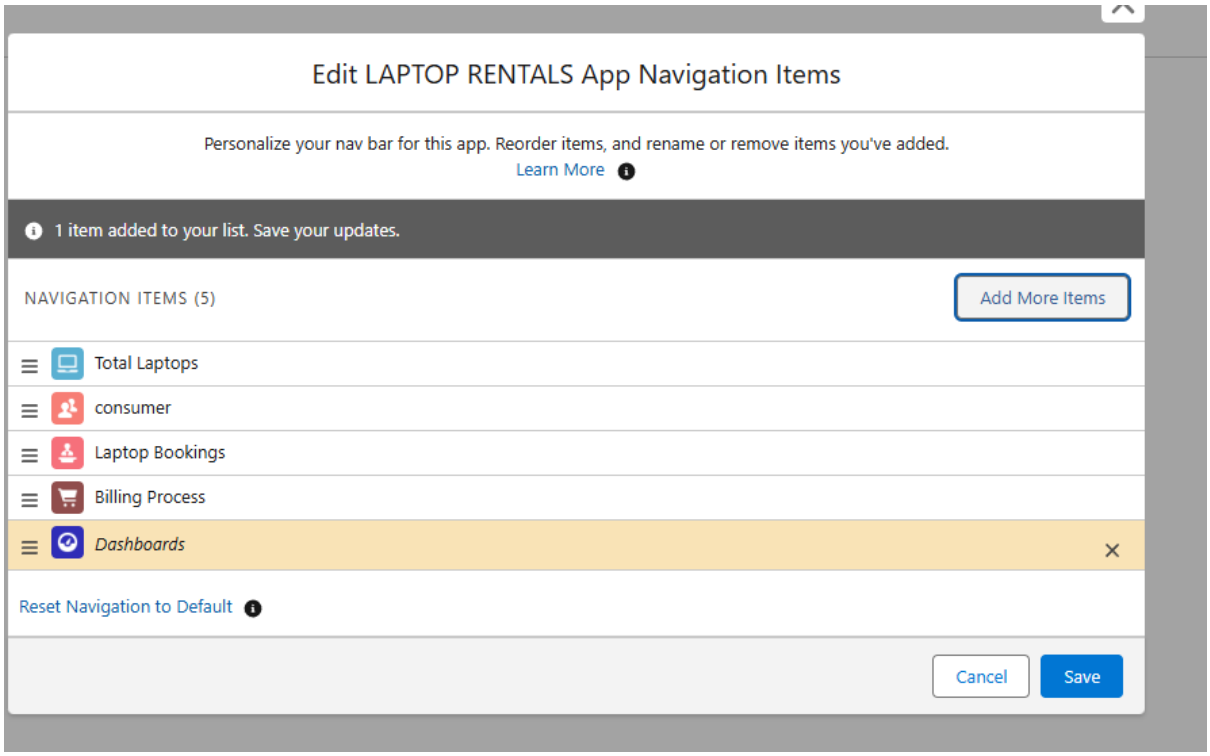
Sharing the reports with the owner:



Dashboards:

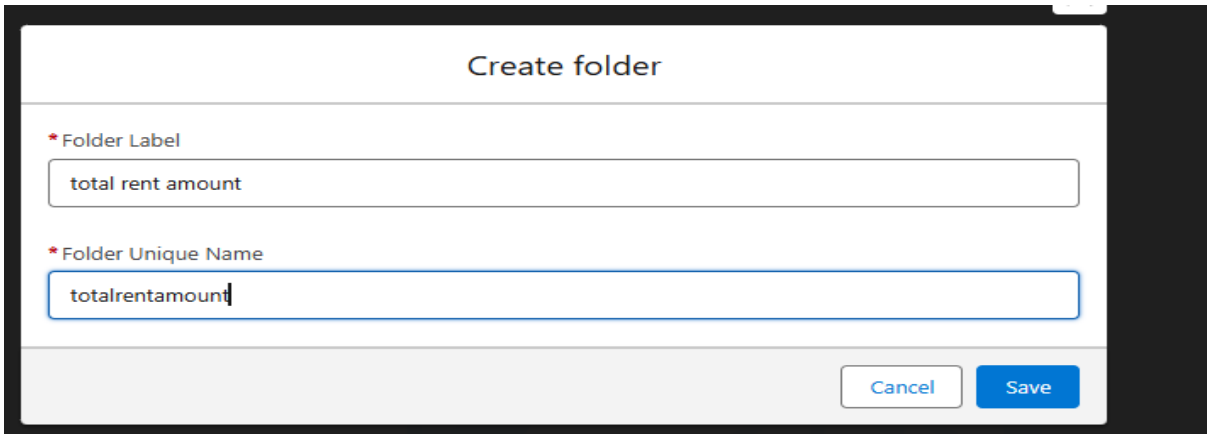
Dashboards help you visually understand changing business conditions so you can make decisions based on the real-time data you've gathered with reports. Use dashboards to help users identify trends, sort out quantities, and measure the impact of their activities. Before building, reading, and sharing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

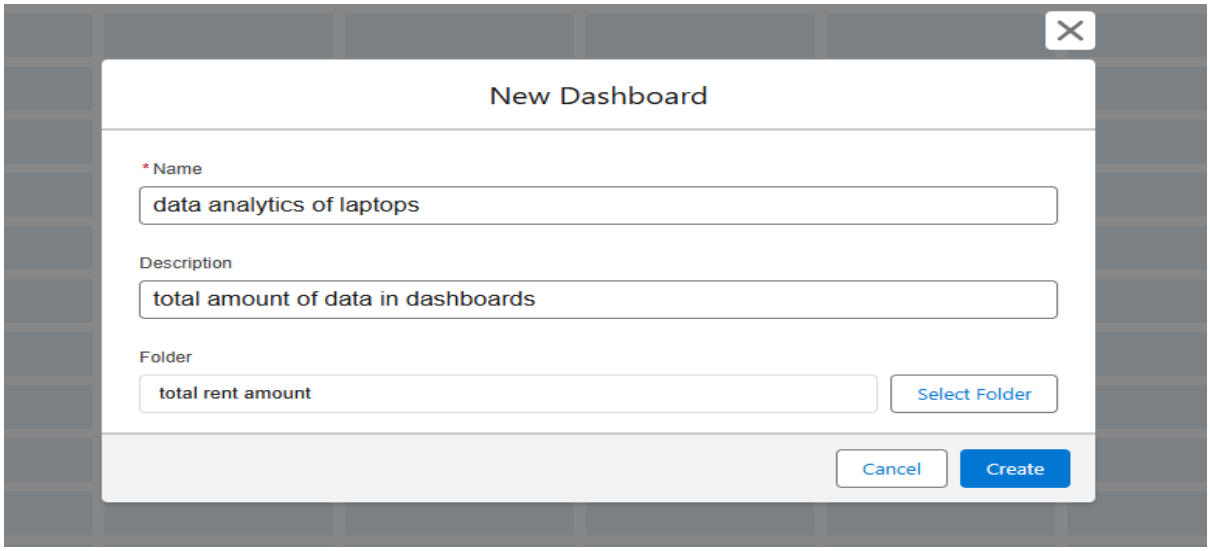


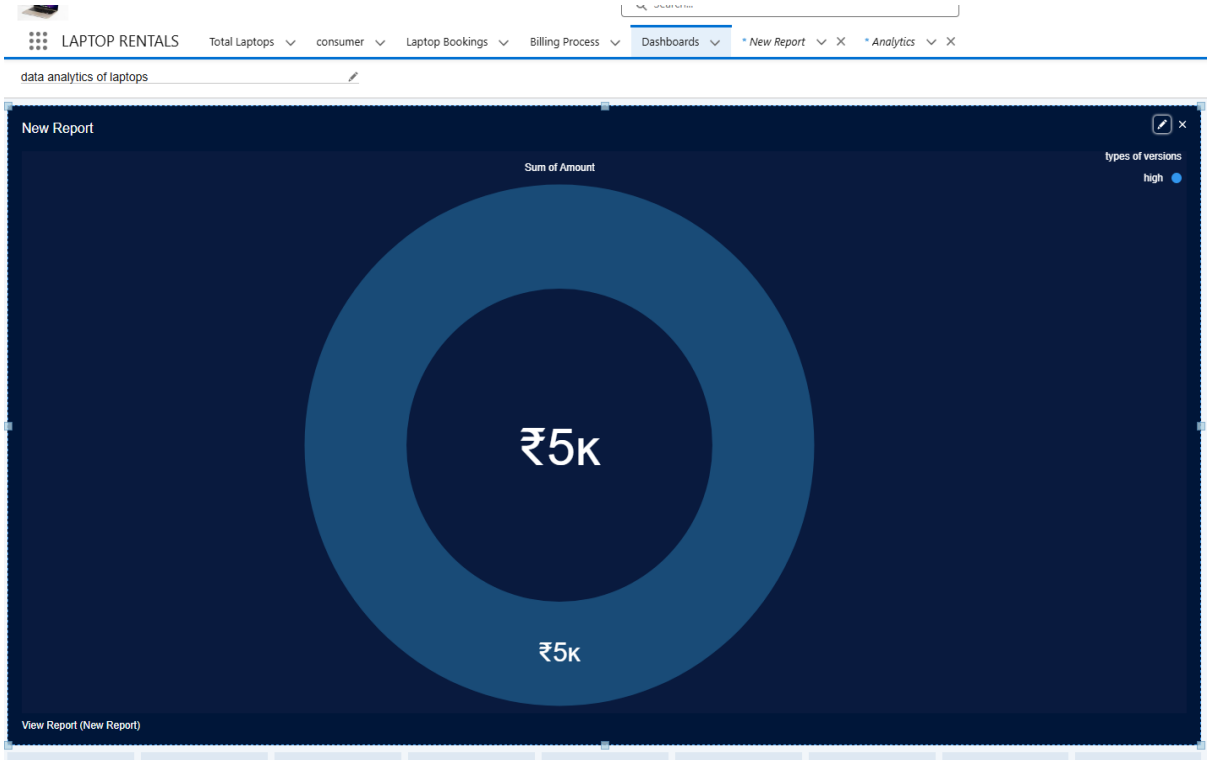


Create a Dashboard Folder:

1. Click on the app launcher and search for the dashboard.
2. Click on the dashboard tab.
3. Click the new folder, give the folder label as “**total rent amount**”.
4. Folder unique names will be auto populated.
5. Click save.


Create folder
* Folder Label
total rent amount
* Folder Unique Name
totalrentamount
Cancel
Save


New Dashboard
* Name
data analytics of laptops
Description
total amount of data in dashboards
Folder
total rent amount
Select Folder
Cancel
Create


LAPTOP RENTALS
Total Laptops
consumer
Laptop Bookings
Billing Process
Dashboards
* New Report
* Analytics
data analytics of laptops
New Report
Sum of Amount
types of versions
high
₹5K
₹5K
View Report (New Report)

Conclusion:

This Salesforce-based CRM application for laptop rentals delivers a comprehensive solution tailored to streamline operations and enhance customer experience. By utilizing **custom object management**, the system efficiently tracks laptops, bookings, and customer details, ensuring seamless data organization. **Automation through Apex triggers** minimizes manual effort, improving accuracy and operational efficiency with features like automated rental status updates and real-time notifications.

The integration of **customized reporting tools** enables in-depth analysis of booking trends and financial performance, offering actionable insights to support data-driven decision-making. These features collectively ensure the system is scalable and adaptable to future business needs.

In conclusion, the project enhances operational efficiency, fosters better communication, and supports strategic planning, ultimately contributing to improved customer satisfaction and business growth.