

PROJECT REPORT

**BACHELOR OF TECHNOLOGY IN INFORMATION
TECHNOLOGY**

SEVENTH SEMESTER

**CSI COLLEGE OF ENGINEERING, KETTI
COLLEGE CODE - 7106**

**TITLE: A CRM Application to Handle the Clients and their
property Related Requirements**

SUBMITTED BY:

RANJITHA.P (FE09B7A73540A93834E4999811787FF4)

SANGEETHA.K (018A4666EFA0053A8DA483D23E9BE65C)

KAVIYA.S (A8908B1BD2784D7A4994D9CD4DCF4A8E)

RITHIKA.B (02F1F0715AE3172B27D4C68290FE9395)



Dreams World

Name *

First Name

Last Name

Email

example@example.com

Phone Number

Please enter a valid phone number.

Which type of Property are you looking for?

- ☐ RESIDENTIAL
☐ COMMERCIAL
☐ RENTAL

Budget Amount *

Address

Street Address

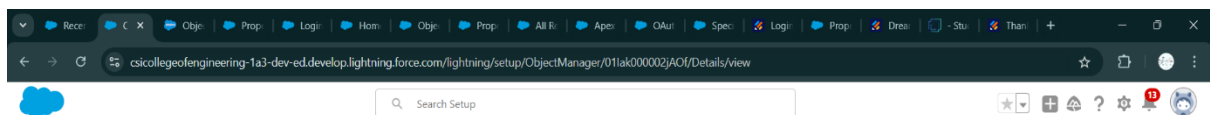
Street Address Line 2

City

State / Province

Postal / Zip Code

Submit



Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Customer

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Details

Description

API Name

Customer_c

Custom

✓

Singular Label

Customer

Plural Label

Customer

Enable Reports

✓

Track Activities

✓

Track Field History

Deployment Status

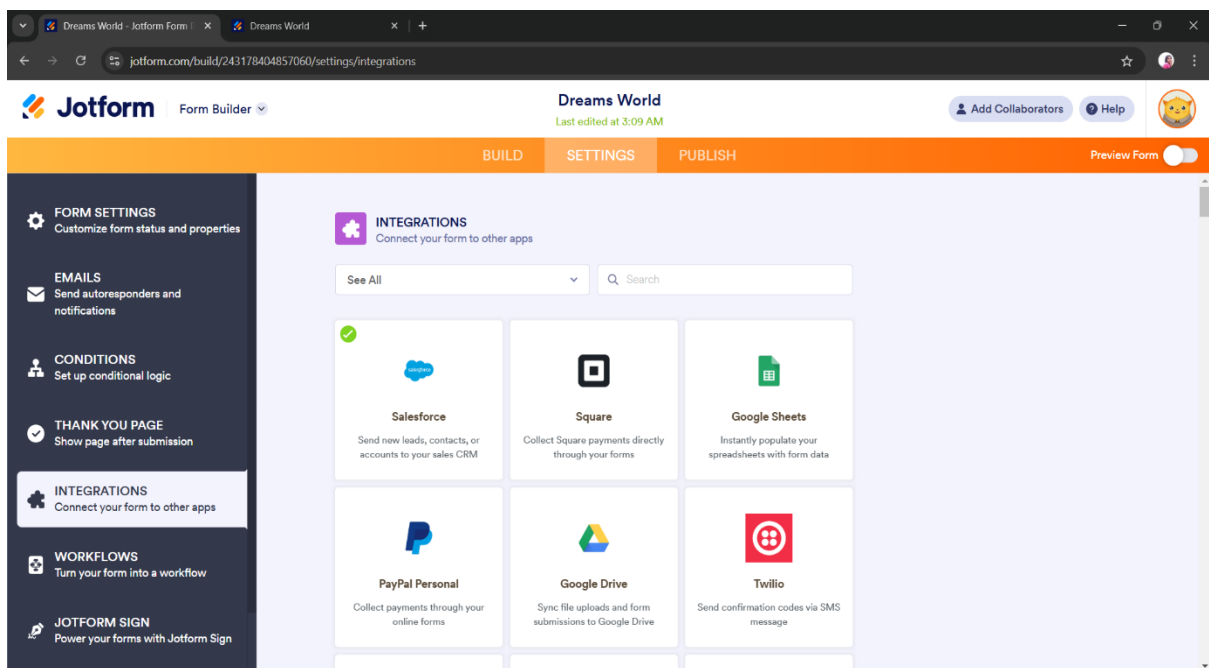
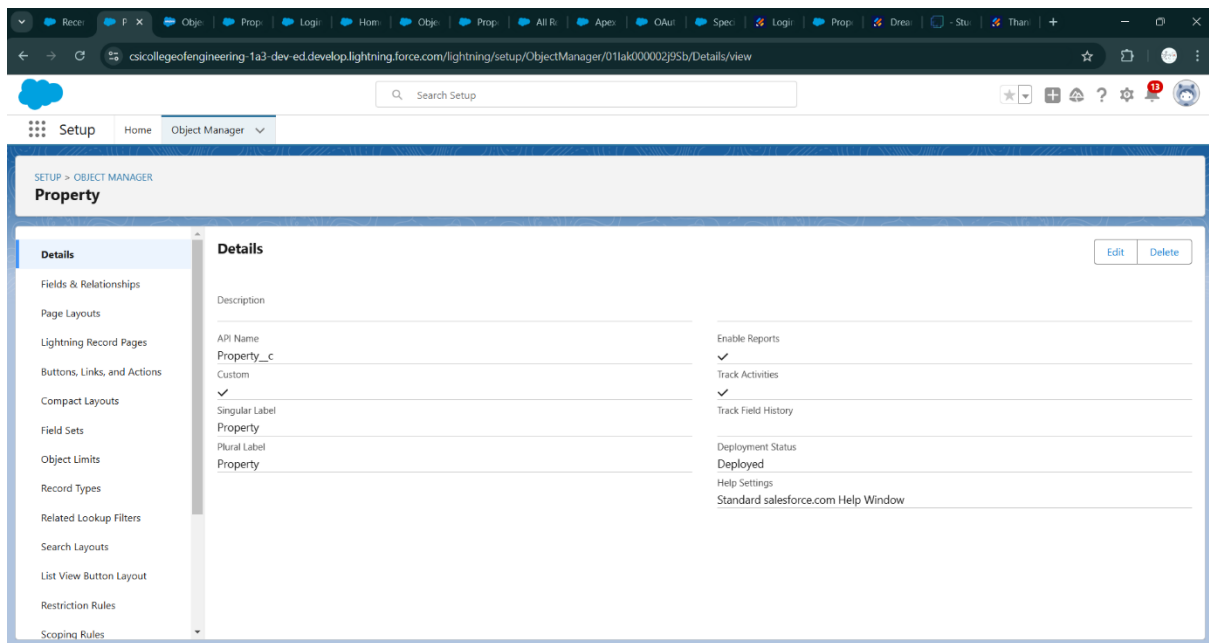
Deployed

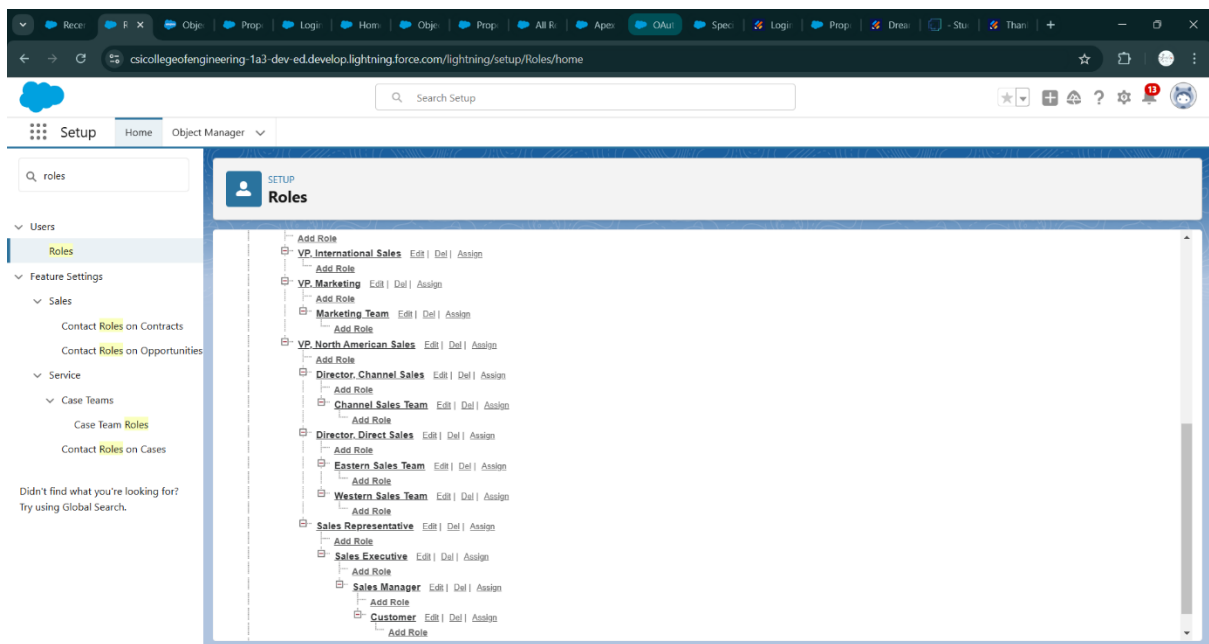
Help Settings

Standard salesforce.com Help Window

Edit

Delete





Lightning App BuilderApp SettingsPages▼Property DetailsHelp

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 Name ⓘ
Property Details

* Developer Name ⓘ
Property_Details

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

PD

Property Details

csicollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00eaK000009tEWb

SetupHomeObject Manager▼

Search Setup

Setup

Users

Profiles

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

SETUP

Profiles

Profile Customer

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 ⓘ | Enabled Apex Class Access ⓘ | Enabled Visualforce Page Access ⓘ | Enabled External Data Source Access ⓘ | Enabled Named Credential Access ⓘ | Enabled External Credential Principal Access ⓘ | Enabled Custom Metadata Type Access ⓘ | Enabled Custom Setting Definitions Access ⓘ | Enabled Flow Access ⓘ | Enabled Service Presence Status Access ⓘ | Enabled Custom Permissions ⓘ

Profile Detail

EditCloneDeleteView Users

Name	Customer
User License	Salesforce Platform
Description	
Created By	sangeetha k. 11/29/2024, 10:37 PM
Modified By	sangeetha k. 11/30/2024, 12:18 AM

Page Layouts

Standard Object Layouts	Global	Global Layout [View Assignment]	Invoice Line	Invoice Line Layout [View Assignment]
	Email Application	Not Assigned [View Assignment]	Lead	Lead Layout [View Assignment]
	Home Page Layout	Home Page 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]	Order	Order Layout [View Assignment]
	Appointment Installation	Appointment Installation Layout	Order Discount	Order Discount Layout

Record | L | X | Obj | Prop | Logi | Hom | Obj | Prop | All R | Apex | OAut | Spec | Logi | Prop | Dra | Stu | Than | +

cscollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00eaK000009GJI

Search Setup

Setup | Home | Object Manager

profil

Users | Profiles

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

Profile Manager

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.

Logi IP Bangas | Enabled Apex Class Access | Enabled Visualforce Page Access | Enabled External Data Source Access | Enabled Named Credential Access | Enabled External Credential Principal Access | Enabled Custom Metadata Type Access | Enabled Custom Settings Definitions Access | Enabled Flow Access | Enabled Service Presence Status Access | Enabled Custom Permissions

Profile Detail

Edit | Clone | Delete | View Users

Name	Manager
User License	Salesforce Platform
Description	Custom Profile
Created By	sangeetha.k. 11/29/2024, 10:47 PM
Modified By	sangeetha.k. 11/30/2024, 12:16 AM

Page Layouts

Standard Object Layouts

Global	Global Layout [View Assignment]	Invoice Line	Invoice Line Layout [View Assignment]
Email Application	Not Assigned [View Assignment]	Lead	Lead Layout [View Assignment]
Home Page Layout	Home Page 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]	Order	Order Layout [View Assignment]
Requisition Definition	Requisition Definition Layout	Order Product	Order Product Layout

Record | L | X | Obj | Prop | Logi | Hom | Obj | Prop | All R | Apex | OAut | Spec | Logi | Prop | Dra | Stu | Than | +

cscollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/User/FieldsAndRelationships/00Nak00000HHZpB/view

Search Setup

Setup | Home | Object Manager

Setup > OBJECT MANAGER | User

Details | Fields & Relationships

User Page Layouts | User Profile Page Layouts | Community Member Page Layouts | Lightning Record Pages | Buttons and Links | Compact Layouts | Field Sets | Object Limits | Related Lookup Filters | Search Layouts | List View Button Layout

User Custom Field Verified

Back to User Fields

Validation Rules

Custom Field Definition Detail

Edit | Set Field Level Security | View Field Accessibility | Where is this used?

Field Information	Field Label	Verified	Object Name	User
	Field Name	Verified	Data Type	Checkbox
	API Name	Verified__c		
	Description			
	Help Text			
	Data Owner			
	Field Usage			
	Data Sensitivity Level			
	Compliance Categorization			
	Created By	sangeetha.k. 11/29/2024, 10:50 PM	Modified By	sangeetha.k. 11/29/2024, 10:50 PM

General Options

Default Value	Unchecked
---------------	-----------

Validation Rules

No validation rules defined.

Back To Top

Always show me more records per related list

Setup Home Object Manager

Search Setup

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

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

Setup Users

User Executive

Permission Set Assignments | Permission Set Assignments: Activation Required | Permission Set Group Assignments | Permission Set License Assignments | Personal Groups | Public Group Membership | Queue Membership | Team | Managers in the Role Hierarchy | OAuth Apps | Third-Party Account Links | Installed Mobile Apps | Authentication Settings for External Systems | Login History | User Provisioning Accounts

User Detail

Edit | Sharing | Reset Password | Freeze | View Summary

Name	Executive	Role	Sales Executive
Alias	exec	User License	Salesforce
Email	exec@gmail.com (Verify)	Profile	System Administrator
Username	exec18@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User17329495070742580281	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT-08:00) Pacific Standard Time (America/Los_Angeles)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (United States)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/>
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/>
Federation ID		High-Contrast Palette on Charts	<input type="checkbox"/>

Setup Home Object Manager

Search Setup

users

Users

Permission Set Groups

Permission Sets

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Public Groups

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User Management Settings

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Prospector Users

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Setup Users

User Manager

Permission Set Assignments | Permission Set Assignments: Activation Required | Permission Set Group Assignments | Permission Set License Assignments | Personal Groups | Public Group Membership | Queue Membership | Team | Managers in the Role Hierarchy | OAuth Apps | Third-Party Account Links | Installed Mobile Apps | Authentication Settings for External Systems | Login History | User Provisioning Accounts

User Detail

Edit | Sharing | Reset Password | Freeze | View Summary

Name	Manager	Role	Sales Manager
Alias	mana	User License	Salesforce Platform
Email	manag@gmail.com (Verify)	Profile	Manager
Username	manag20@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User1732949550419405949	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT-08:00) Pacific Standard Time (America/Los_Angeles)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (United States)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/>
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/>
Federation ID		High-Contrast Palette on Charts	<input type="checkbox"/>

cscollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005ak0000081sIN%3FnoRedirect%3D1%26isUserEntityOverride%3D1

Setup Home Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

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

User Customer

Permission Set Assignments (0) | Permission Set Assignments Activation Required (0) | Permission Set Group Assignments (0) | Permission Set License Assignments (0) | Personal Groups (0) | Public Group Membership (0) | Queue Membership (0) | Team (0) | Managers in the Role Hierarchy (0) | OAuth Apps (0) | Third-Party Account Links (0) | Installed Mobile Apps (0) | Authentication Settings for External Systems (0) | Login History (0) | User Provisioning Accounts (0)

User Detail

Edit | Sharing | Reset Password | Freeze | View Summary

Name	Customer	Role	Customer
Alias	cust	User License	Salesforce Platform
Email	cust20@gmail.com [Verify]	Profile	Customer
Username	cust20@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User17329496496771057744 [i]	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT-08:00) Pacific Standard Time (America/Los_Angeles)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (United States)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	[i]
Manager		Accessibility Mode (Classic Only)	[i]
Receive Approval Request Emails	Only if I am an approver	Debug Mode	[i]
Federation ID		High Contrast Palette on Charts	[i]

cscollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005ak0000081sIN%3FnoRedirect%3D1%26isUserEntityOverride%3D1

Setup Home Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

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

User Customer2

Permission Set Assignments (0) | Permission Set Assignments Activation Required (0) | Permission Set Group Assignments (0) | Permission Set License Assignments (0) | Personal Groups (0) | Public Group Membership (0) | Queue Membership (0) | Team (0) | Managers in the Role Hierarchy (0) | OAuth Apps (0) | Third-Party Account Links (0) | Installed Mobile Apps (0) | Authentication Settings for External Systems (0) | Login History (0) | User Provisioning Accounts (0)

User Detail

Edit | Sharing | Reset Password | Freeze | View Summary

Name	Customer2	Role	Customer
Alias	cust	User License	Salesforce Platform
Email	cust21@gmail.com [Verify]	Profile	Customer
Username	cust21@gmail.com	Active	<input checked="" type="checkbox"/>
Nickname	User1732949696053630415 [i]	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT-08:00) Pacific Standard Time (America/Los_Angeles)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (United States)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	[i]
Manager		Accessibility Mode (Classic Only)	[i]
Receive Approval Request Emails	Only if I am an approver	Debug Mode	[i]
Federation ID		High Contrast Palette on Charts	[i]

csicollegeofengineering-1a3-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301ak00000jmhHZA2

Flow Builder Property Approval - V1

Last saved on 11/30/2024, 12:52 PM **Active** Run Debug View Tests Save As New Version Save Deactivate

Select Elements Auto-Layout

Record-Triggered Flow Start

Run Immediately

Approval for property Action

End

Submit for Approval

* Label
Approval for property

* API Name
Approval_for_property

Description

Submit for Approval
submit-submit

Use values from earlier in the flow to set the inputs for the "Submit for Approval" core action. To use its outputs later in the flow, store them in variables.

Set Input Values for the Selected Action

* Record ID
Triggering Property__c > Record ID

* Approval Process Name Or ID
Not included

csicollegeofengineering-1a3-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=0M0sk000003ipQSCAI&clone=false&retUrl=%2Fflightntrng%2Fsetup%2F1lexi%2FpageList%2Fpage%...

Lightning App Builder Pages Search your Property ? Help

Desktop Shrink To View

Activation... Save

Components

Search...

Standard (26)

- Accordion
- Campaign Marketplace
- Chatter Feed
- Chatter Publisher
- CRM Analytics Collection
- CRM Analytics Dashboard
- Dashboard
- Einstein Next Best Action
- Flow
- Launchpad
- Leads to Review
- List View
- Lobby Management
- LWC CRM Analytics Dashboard
- Quip Associated Documents

Get more on the AppExchange

Properties

Property Type
Select Property type

Add Component(s) Here

Page

* Label
Search your Property

* API Name
Search_your_Property

* Page Type
App Page

Template
Header and Left Sidebar Change

Description

Actions
Select...

Developer Console - Google Chrome

csiccollofengineering-1a3-dev-ed.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File • Edit • Debug • Test • Workspace • Help • < >

PropertHandler_LWC.apex

Code Coverage: None • API Version: 62 • Go To

```
1 public class PropertHandler_LWC {
2     @AuraEnabled(cacheable=true)
3     public static list<Property_c> getProperty(string type , boolean verified){
4         return [SELECT Id, Location__c, Property_Name__c, Type__c, Verified__c FROM
5             Property__c Where Type__c =: type AND Verified__c =: verified];
6     }
7 }
8 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

User	Application	Operation	Time	Status	Read	Size
sangeetha k	Browser	/aura	30/11/2024, 13:31:46	Success	Unread	3.14 KB
sangeetha k	Browser	/aura	30/11/2024, 13:31:40	Success	Unread	3.15 KB
sangeetha k	Browser	/aura	30/11/2024, 13:31:31	Success	Unread	3.15 KB
sangeetha k	Browser	/loginfoflow/apex	30/11/2024, 13:28:32	Success	Unread	1.01 KB
sangeetha k	Browser	/loginfoflow/apex	30/11/2024, 13:08:29	Success	Unread	668 bytes
sangeetha k	Browser	/loginfoflow/apex	30/11/2024, 13:08:20	Success	Unread	1.01 KB

File Edit Selection View Go Run Terminal Help

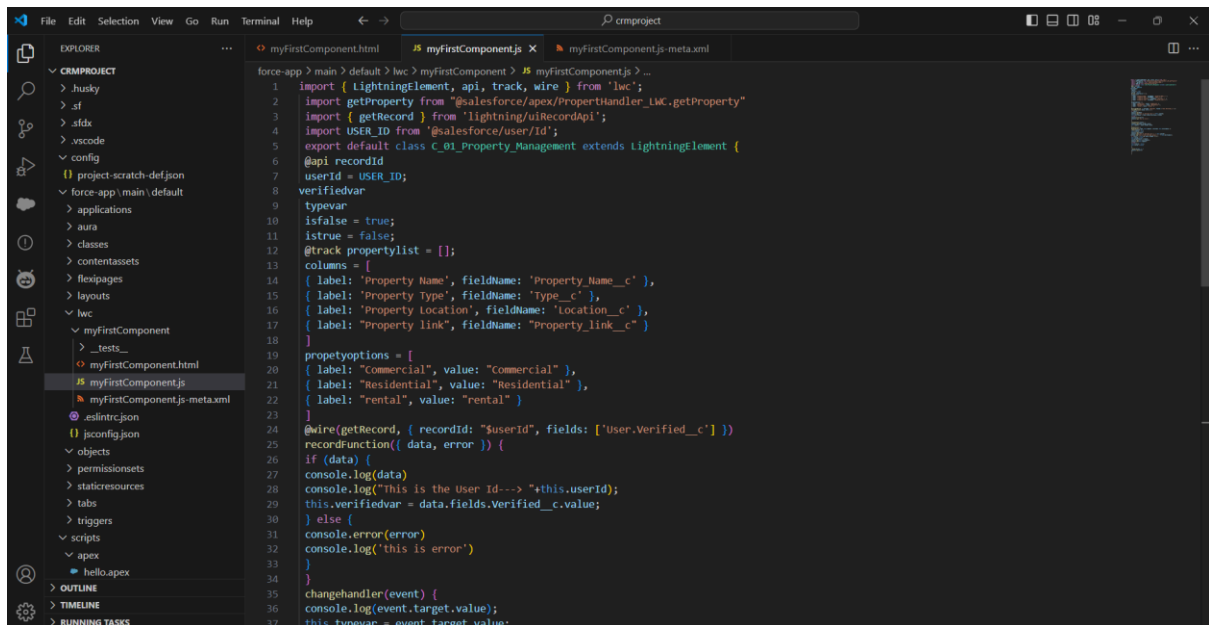
cmproject

EXPLORER

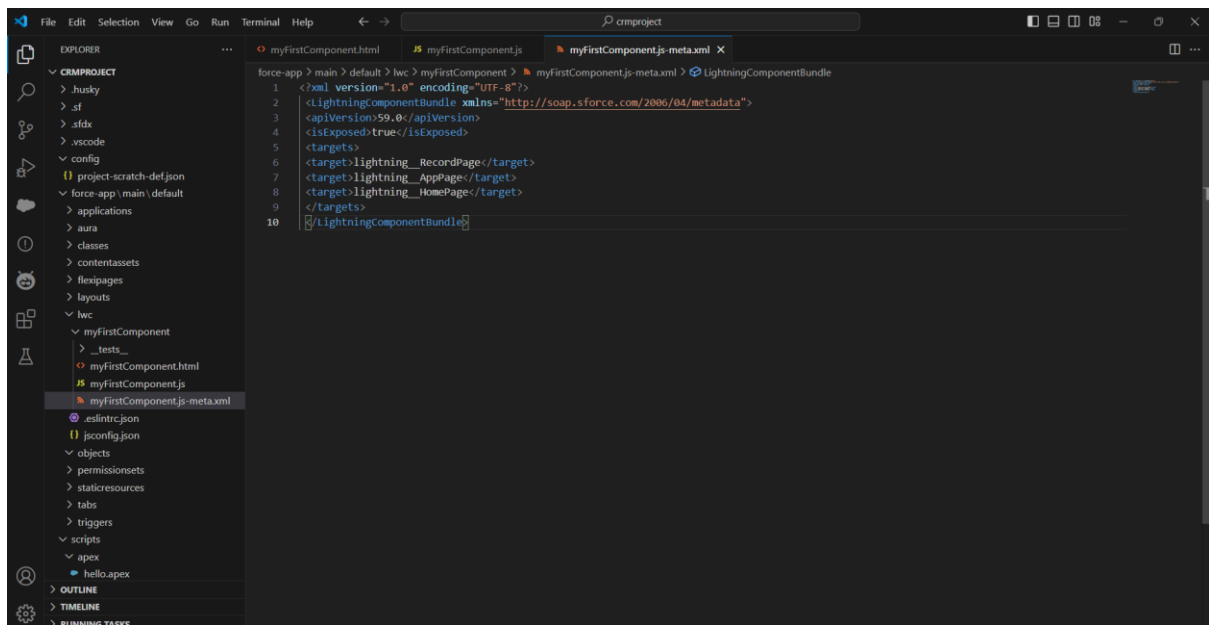
- CMPROJECT
 - husky
 - af
 - sfdx
 - .vscode
 - config
 - project-scratch-def.json
 - force-app/main/default
 - applications
 - aura
 - classes
 - contentassets
 - flexipages
 - layouts
 - lwc
 - myFirstComponent
 - _tests_
 - myFirstComponent.html
 - myFirstComponent.js
 - myFirstComponent.js-meta.xml
 - __resources
 - tabs
 - triggers
 - scripts
 - apex
 - hello.apex
 - OUTLINE
 - TIMELINE
 - RUNNING TASKS

myFirstComponent.html

```
1 <template>
2   <lightning-card>
3     <div class="slds-box">
4       <div class="slds-text-align_left">
5         <h1 style="font-size: 20px;"><b>Properties</b></h1>
6       </div>
7     </div>
8     <div class="slds-grid slds-gutters">
9       <div class="slds-col slds-size_5-of-6">
10        <lightning-combobox name="type" label="Property Type" value={typevar}
11          placeholder="Select Property type"
12          options={propertyoptions} onchange={changehandler}></lightning-combobox>
13      </div>
14      <div class="slds-col slds-size_1-of-6">
15        <lightning-button-icon variant="neutral" icon-name="standard:search"
16          alternative-text="search"
17          label="Search" onclick={handleClick}></lightning-button-icon>
18      </div>
19    </div>
20  </div>
21 </div>
22 </div>
23 <template if:true={istrue}>
24   <div class="slds-box">
25     <lightning-datatable key-field="id" data={propertylist}
26       columns={columns}></lightning-datatable>
27   </div>
28 </template>
29 <template if:false={isfalse}>
30   <div class="slds-box">
31     <div style="font-size: 15px;"><b>No properties Are Found !!</b></div>
32   </div>
33 </template>
34 </lightning-card>
35 </template>
```



```
force-app > main > default > lwc > myFirstComponent > myFirstComponent.js
1  import { LightningElement, api, track, wire } from 'lwc';
2  import { getRecord } from '@salesforce/apex/PropertyHandler_LWC.getRecord';
3  import { getRecord } from 'lightning/uiRecordApi';
4  import USER_ID from '@salesforce/user/Id';
5  export default class C_01_Property_Management extends LightningElement {
6      @api recordId;
7      userId = USER_ID;
8      verifiedvar;
9      typevar;
10     isfalse = true;
11     istrue = false;
12     @track propertylist = [];
13     columns = [
14         { label: 'Property Name', fieldName: 'Property_Name__c' },
15         { label: 'Property Type', fieldName: 'Type__c' },
16         { label: 'Property Location', fieldName: 'Location__c' },
17         { label: 'Property link', fieldName: 'Property_Link__c' }
18     ];
19     propetyoptions = [
20         { label: 'Commercial', value: 'Commercial' },
21         { label: 'Residential', value: 'Residential' },
22         { label: 'rental', value: 'rental' }
23     ];
24     @wire(getRecord, { recordId: '$userId', fields: ['User.Verified__c'] })
25     recordfunction( data, error ) {
26         if (data) {
27             console.log(data);
28             console.log("this is the User Id--> "+this.userId);
29             this.verifiedvar = data.fields.Verified__c.value;
30         } else {
31             console.error(error);
32             console.log('this is error');
33         }
34     }
35     changehandler(event) {
36         console.log(event.target.value);
37         this.typevar = event.target.value;
```



```
force-app > main > default > lwc > myFirstComponent > myFirstComponent.js-meta.xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">
3      <apiVersion>59.0</apiVersion>
4      <isExposed>true</isExposed>
5      <targets>
6          <target>lightning_RecordPage</target>
7          <target>lightning_AppPage</target>
8          <target>lightning_HomePage</target>
9      </targets>
10     </LightningComponentBundle>
```


csicollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/o/Customer_c/list?filterName=All

Search...

Property Details Property Search your Property Customer

Customer All Records

New Change Owner Import Printable View Assign Label

Search this list...

3 items • Sorted by Customer • Filtered by All customer • Updated a few seconds ago

	Customer ↑	Customer	Phone Nu...	Email	State	Property Type	Budget A...	Street Addr...	Street Addr...	City	postal code	
1	<input type="checkbox"/>	a05ak000008287J	Rakesh	788797.0	rakesh@gmail.com	Telangana	Residential	4,000,000	gb road	street no 45	Hyderabad	555001
2	<input type="checkbox"/>	a05ak000008287K	prakash	55448855	p@gmail.com	Maharashtra	Commercial	8,000,000	gachibowli	indira road	mumbai	6600014
3	<input type="checkbox"/>	a05ak000008287L	Prajwal	454545.0	prajwal@gmail.com	Maharashtra	Rental	25,000	kamdli	kathora	Amravati	444805

csicollegeofengineering-1a3-dev-ed.develop.lightning.force.com/lightning/o/Property_c/list?filterName=All

Search...

Property Details Property Search your Property Customer

Property All Records

New Change Owner Import Printable View Assign Label

Search this list...

3 items • Sorted by Property • Filtered by All property • Updated a few seconds ago

	Property ↑	Property Name	Type	Location	Verified	
1	<input type="checkbox"/>	a04ak0000013i#3	Lotus Apartments	Residential	hyderabad	<input type="checkbox"/>
2	<input type="checkbox"/>	a04ak0000013i#4	500000 sq.ft plot	Commercial	Amravati	<input type="checkbox"/>
3	<input type="checkbox"/>	a04ak0000013i#5	3 Bhk flat at stanza	rental	Jubilee hill Hyderabad	<input type="checkbox"/>

FINAL OUTPUT:

