## **Islamabad Hills Property Management**

Salesforce Project Portfolio - By Abid Ullah

#### **About the Developer**

Abid Ullah is a Salesforce Developer specializing in Apex, Lightning Web Components, and Salesforce integrations. He has built this end-to-end Property Management system to showcase his ability to architect scalable solutions. His strengths lie in delivering clean UI with LWC, handling complex trigger logic, and implementing secure API integrations using best practices.

### **Project Overview**

The Islamabad Hills Property Management app helps manage rental properties, tenants, and contracts. It includes property filtering, availability checks, dynamic modals, contract creation, tenant handling, external API integration, and automation of contract expiry notifications.

### **Custom Objects and Fields**

```
- Property__c:

- Active__c (Checkbox)

- Address__c (Text Area)

- Rent_Amount__c (Currency)

- Status__c (Picklist)

- Type__c (Picklist)

- Unique_Id__c (Text 16)
```

- Tenant\_\_c:
  - Tenant\_Name\_\_c (Text)
  - Email\_\_c (Email Unique)
  - Emirates\_ID\_Number\_\_c (Text 16, Unique Case Insensitive)
  - Phone\_Number\_\_c (Phone)
  - Address\_\_c (Text Area)

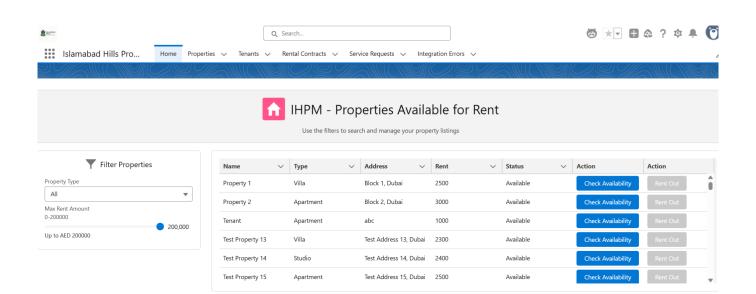
- Rental\_Contract\_\_c:
- Contract\_Status\_\_c (Picklist)
- Ejari\_Number\_\_c (Text 16, Unique)
- Monthly\_Rent\_\_c (Currency)
- Start\_Date\_\_c, End\_Date\_\_c (Date)
- Property\_c (Lookup to Property)
- Tenant\_\_c (Lookup to Tenant)
- Verification\_Date\_\_c (Date)

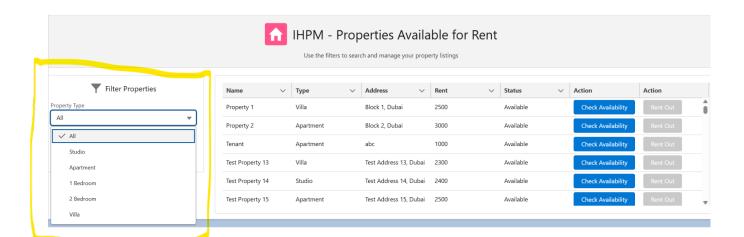
#### **Business Process & Relationships**

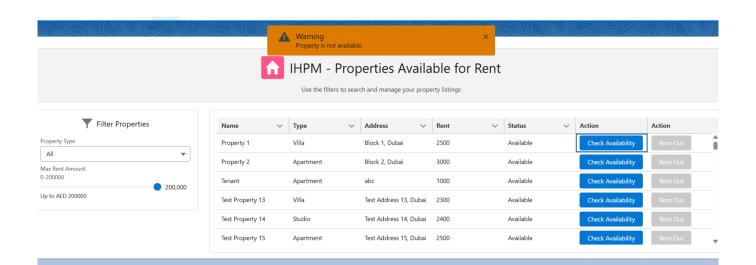
The Rental\_Contract\_\_c object is linked to both Property\_\_c and Tenant\_\_c via lookup relationships.

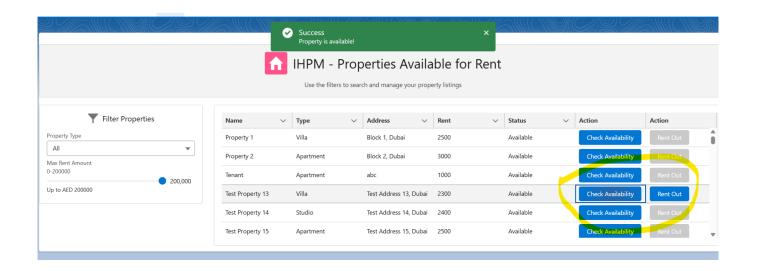
- User filters available properties by type or rent amount.
- Availability check is triggered via API call to second Salesforce org.
- If available, 'Rent Out' is enabled and a modal is shown.
- Tenant is searched or created from modal.
- Contract is saved and pushed to second org where property is marked occupied and Ejari is generated.
- Email is sent to tenant with Ejari number.
- Scheduler + Queueable Apex monitor expiry and notify tenants automatically.

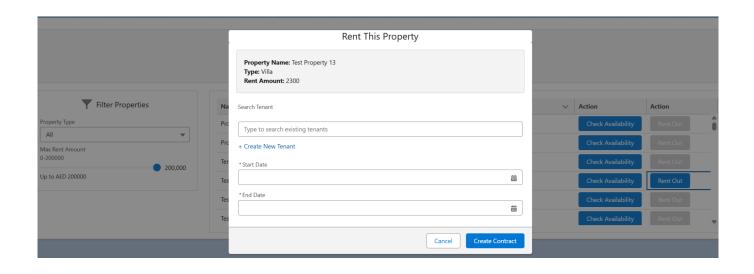
#### Screenshots



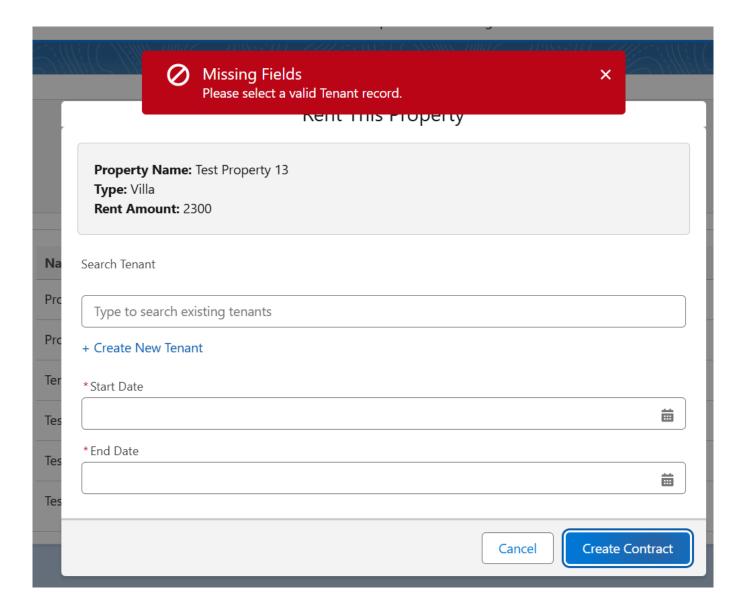


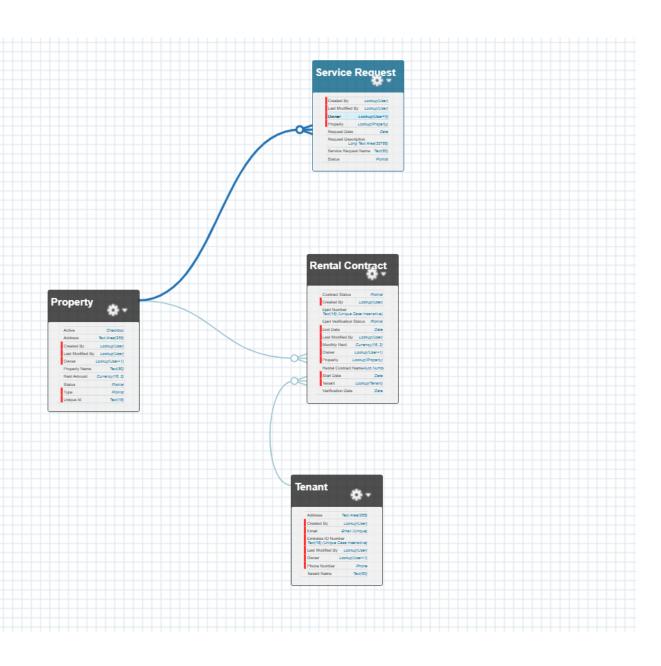


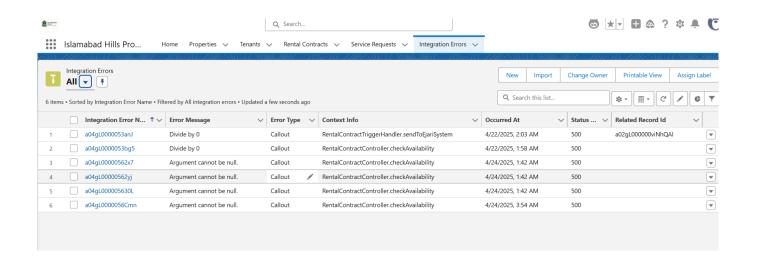




New Tenant		
		* = Required Information
Information		
* Tenant Name	Owner  [	
Complete this field.		
* Email		
* Phone Number		
Address		
* Emirates ID Number		
	Cancel Save & New Save	







# Links

- GitHub: https://github.com/Abid611

- LinkedIn: https://www.linkedin.com/in/abid-ullah611/