

Property Purchase, Rent, Sell Application:

Overview:

This project involved developing a solution using PowerApps, Power Automate, Share Point List for Unico Properties, company providing Property related services in USA. The client uses the solution to automate their complete business process of sell, rent, buy all types properties and facilitate the registered customers to list their properties for sell or rent. This project enabled them to avoid losing out on precious time and provide a platform to find suitable properties for all customers (buyers, sellers or rent) sitting at home.

Client details:

Name: Confidential | **Industry:** Properties & Housing Services | **Location:** U.S.A

Technologies:

Office365, PowerApps (Canvas Apps), PowerFX, Power Automate (For multilevel approvals, CRUD operations in O365), SharePoint List.

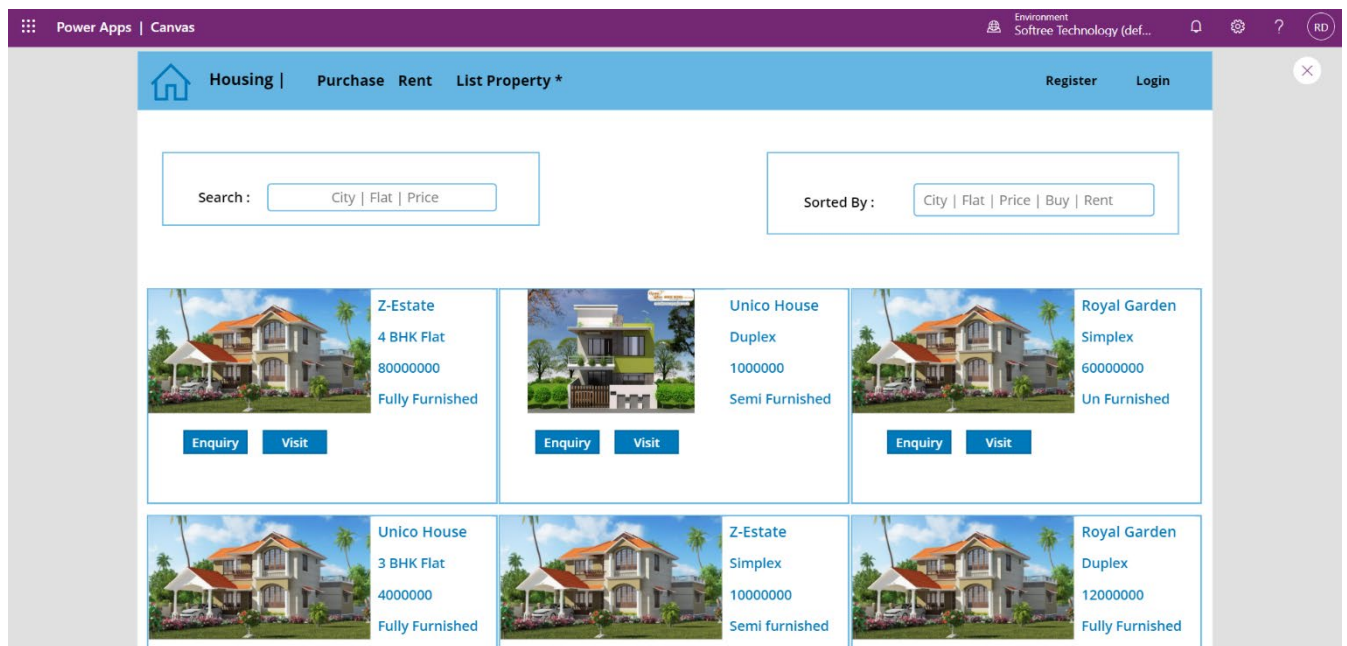
Project Description:

This online Property Solution Application can help you to get best property by just sitting at home or anywhere. People can book their favourite property online just after a few clicks. In this system the customer can add the property for selling/ renting purpose and other customer can buy or book a property for rent. This system has two modules namely, Admin and User. Admin can add the property details for buildings, flats, houses, bungalows. Admin can approve customers request and do other official process like document verifications, confirm booking, proceeding registration work of properties and also can check the list of registered clients. Users need to register and then login just by using credentials. Users can view the properties for rent or for buying purpose. He/ she can mark the favourite properties and can also book appointment for visiting the viewed favourite places. In addition, registered customer can list their properties for Sell or Rent for Free.

The project was successful and Some of the salient features are as follows:

Home Page:

This is the landing page where different customers can visit and search their suitable properties like Flat, Simplex, Duplex. The search option helps customers to filter and find specific properties sorted by City, Type or Price. finding their suitable properties, they can directly enquiry or contact for site visit. To avail other services like Purchase, Rent or List their properties Customers need to have Login credentials. New Customers can register and then login to their respective Dashboard to avail all services, existing Customer can directly log in to their Dashboard.



Customer Login and Registration:

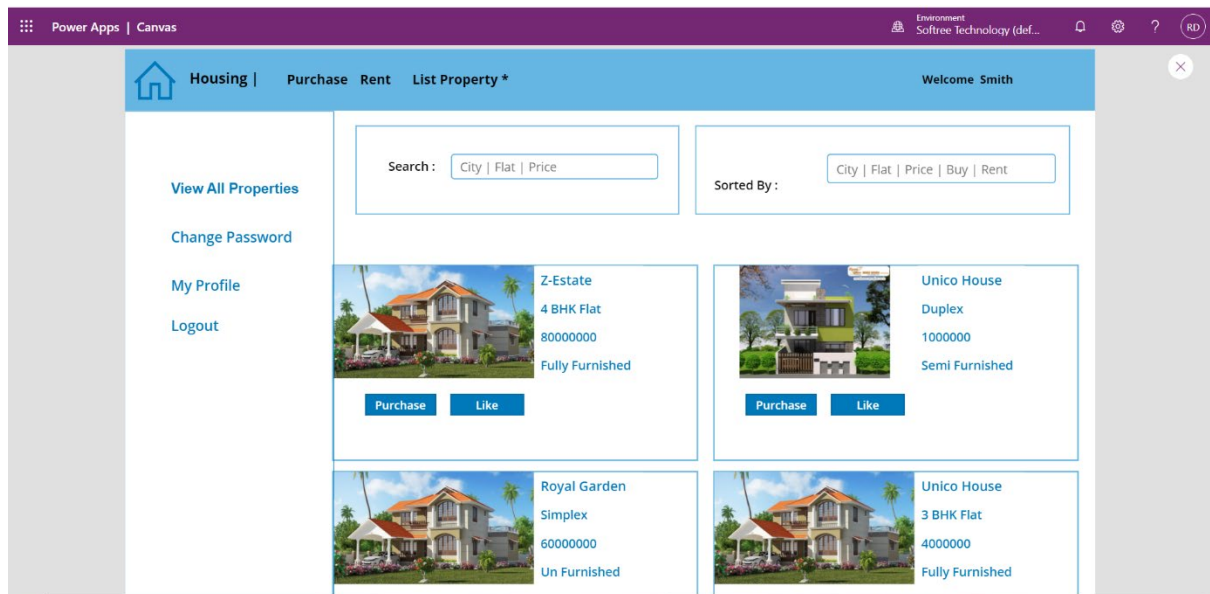
Here existing customers can login with their credentials and new Customer need to register with valid data. after successful registration customers will be notified through mail or mobile, then they can easily log in to their Dashboard.

The screenshot shows a Power Apps Canvas interface for a 'Housing' application. The top navigation bar is purple and contains the text 'Power Apps | Canvas' on the left and 'Environment Softree Technology (def...' on the right. Below this, a blue header bar features a house icon, the word 'Housing', the title 'Customer Login', and a 'Register' link. The main content area is white and contains a login form with three input fields: 'Email' (placeholder: 'Enter Your Email'), 'Password' (placeholder: 'Enter Your Password'), and 'Confirm Password' (placeholder: 'Confirm Password'). Below the fields are two buttons: 'Login' and 'Cancel'.

The screenshot shows a Power Apps Canvas interface for a 'Housing' application. The top navigation bar is purple and contains the text 'Power Apps | Canvas' on the left and 'Environment Softree Technology (def...' on the right. Below this, a blue header bar features a house icon, the word 'Housing', the title 'Customer Registration', and a 'Login' link. The main content area is white and contains a registration form with five input fields: 'Customer Name' (placeholder: 'Enter Your Name'), 'Email' (placeholder: 'Enter Your Email'), 'Password' (placeholder: 'Enter Your Password'), 'Mobile' (placeholder: 'Enter Your Mobile Number'), and 'Address' (placeholder: 'Enter Your Address'). Below the fields are two buttons: 'Register' and 'Cancel'.

Customer Dashboard:

Here customers can search their suitable properties sorted by City, Type or Price for purchase or rent and can send request after finding suitable property. In here customers can also list their properties for sell or rent. Customers can also manage their dashboard like view request status, their profile or modify their password.



Add/List New Property:

Basic Information:

Customers can list their properties for sell or rent purpose by providing detail information like property details, pricing and area, address or images etc as following. after submitting required detail all information will be verified and will be viewed by other customers when it is approved by admin.

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Welcome Smith

Housing Add New Property


Basic Info Pricing and Area Other Details Address Photos

I want To :
Sell Rent

BHK :
1 2 3 4

Property of Type :
House Flat Simplex Duplex

Furnish Type :
Fully Furnished Semi Furnished Un Furnished

Your Property Preview :

BHK : 4 BHK
Price: USD(6000000)
Area : 2000 Sqft.

Next

Pricing and Area:

Customers need to fill all the fields related to Pricing and Area as per following form, then he/she can navigate to the next tab.

The screenshot shows the 'Pricing and Area' tab of a Power Apps form. The header bar is blue with a house icon, the text 'Housing', the tab title 'Pricing and Area', and a user greeting 'Welcome Smith'. Below the header is a horizontal menu with five tabs: 'Basic Info', 'Pricing and Area' (which is highlighted), 'Other Details', 'Address', and 'Photos'. The main content area contains six input fields arranged in two columns. The left column has three fields: 'Price(in USD(\$)) :', 'Security(in USD(\$)) :', and 'Maintenance(in USD(\$)) :'. The right column has three fields: 'Bultin Area(Sqft.) :', 'Carpet Area(Sqft.) :', and an empty space. Each field has a corresponding input box with placeholder text. At the bottom right, there are two blue buttons: 'Back' and 'Next'.

Field Label	Input Placeholder
Price(in USD(\$)) :	Enter Price of the Property
Bultin Area(Sqft.) :	Enter Bultin Area
Security(in USD(\$)) :	Enter Security Amount
Carpet Area(Sqft.) :	Enter Carpet Area
Maintenance(in USD(\$)) :	Maintenance Cost

Other Details:

In here customer can fill up details like floor number, total floors, Land mark etc.

The screenshot shows the 'Other Details' tab of the same Power Apps form. The header bar is blue with a house icon, the text 'Housing', the tab title 'Other Details', and a user greeting 'Welcome Smith'. Below the header is a horizontal menu with five tabs: 'Basic Info', 'Pricing and Area', 'Other Details' (which is highlighted), 'Address', and 'Photos'. The main content area contains four input fields arranged vertically on the left: 'Floor :', 'Total Floors :', 'Land Mark :', and 'Address :'. Each field has a corresponding input box with placeholder text. At the bottom left, there are two blue buttons: 'Back' and 'Next'.

Field Label	Input Placeholder
Floor :	Enter the Floor
Total Floors :	Enter Total Floors
Land Mark :	Land Mark
Address :	Address

Address:

Here customers can fill up detail address of the property.

The screenshot shows a web browser window with multiple tabs. The active tab is a Power Apps canvas app titled 'Housing'. The app's navigation bar includes 'Housing', 'Address', and 'Welcome Smith'. Below the navigation bar, there are five tabs: 'Basic Info', 'Pricing and Area', 'Other Details', 'Address', and 'Photos'. The 'Address' tab is currently selected. The form contains the following fields:

- House Name :
- PIN :
- House No :
- State :
- Land Mark :
- Country :
- City :

At the bottom of the form, there are two buttons: 'Back' and 'Next'.

Upload Photos:

Here customers can upload different images or photos of the property. Then he/she can submit for proper verification to be viewed on the portal.

The screenshot shows the same Power Apps canvas app, but now the 'Photos' tab is selected. The navigation bar remains the same. The 'Photos' tab contains a large grey area with a 'Take Picture' button in the center. To the right of this area, there is a small thumbnail image of a multi-story building. At the bottom of the form, there are three buttons: 'Save', 'Cancel', and 'Back'.

Purchase / Rent Request Confirmation:

Here Customer can view or verify the detail of the property he/she has chosen for buy or rent. After verifying all the details, he/she can send the request his/her confirmation to the admin. The request will be processed depending on certain criteria within 48 hrs and will be notified to customers through mail or mobile number.


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Purchase Request

[Overview](#) [Address](#) [Photos](#) [Contact](#)



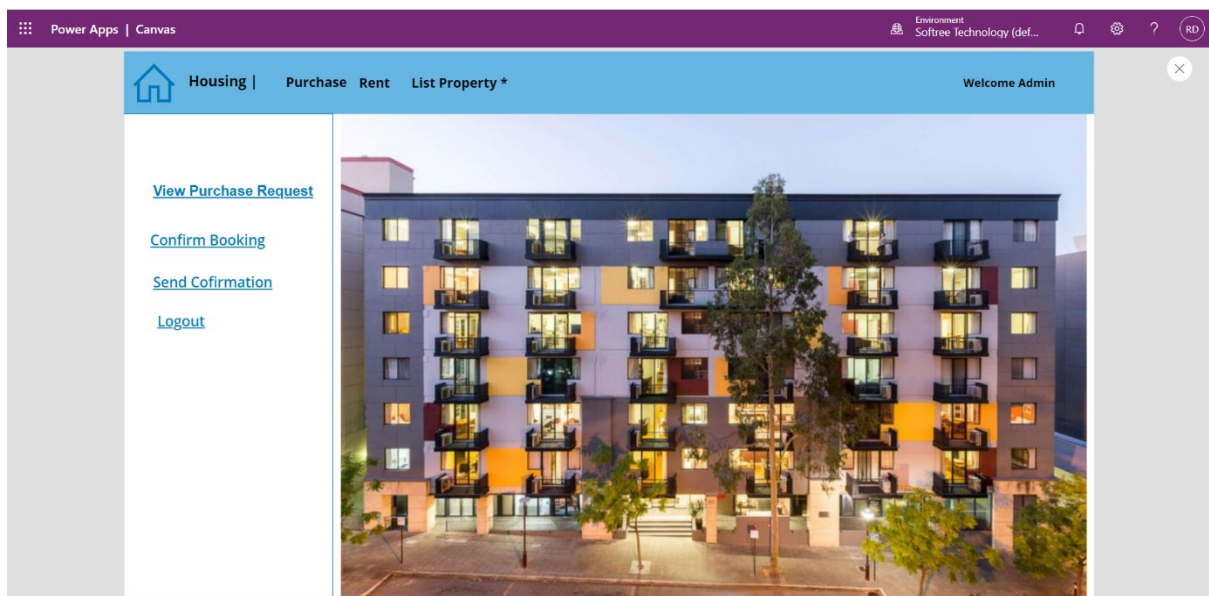
White House
Z-Estate
4 BHK Duplex
Fully Furnished

[Confirm](#) [Back](#)

Project Name : Unico Houses
House Name : White House
Main Entrance : East Facing
Age of the Property : 0
Possession Date: : 10th Dec 2021
About Property : Well Furnished and Ready to move house with all morden amenities.

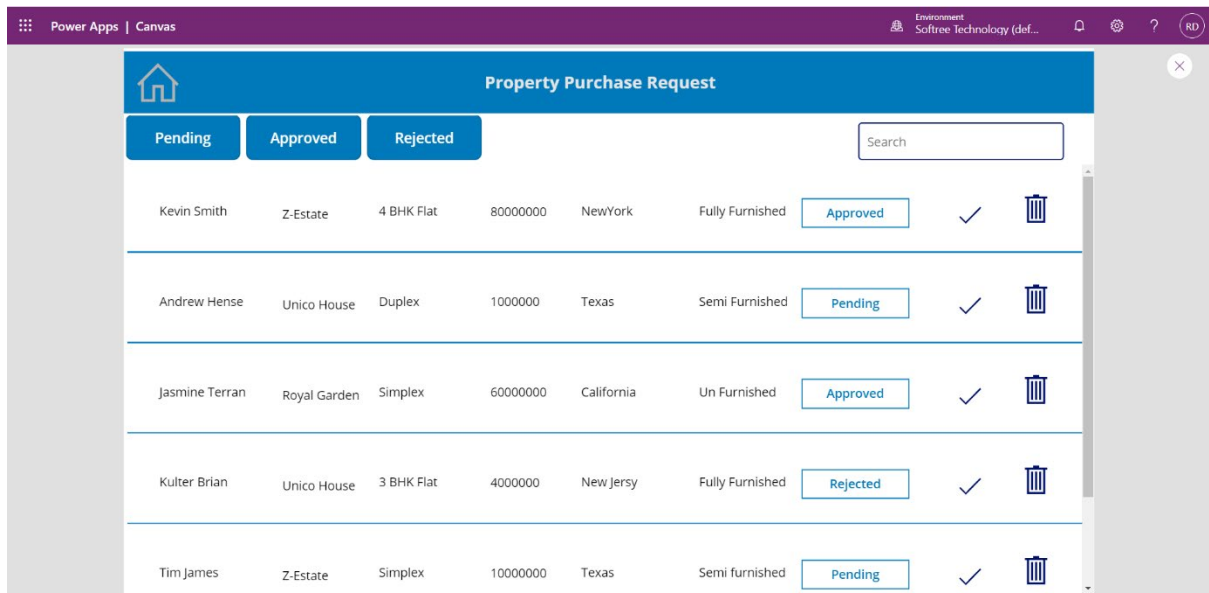
Admin Dashboard:

In here admin can view purchase request status, confirm booking and send confirmation to the customers for final process. Admin has the rights to handle all the confidential and legal document processing with related property dealing.



Purchase Request Status:

Here admin can find all requested status and process all the approved status by cross verifying the details. He can also verify the Pending and Rejected request for further proceeding.



Property Purchase Request							
Pending		Approved		Rejected		Search	
Kevin Smith	Z-Estate	4 BHK Flat	80000000	NewYork	Fully Furnished	Approved	✓
Andrew Hense	Unico House	Duplex	1000000	Texas	Semi Furnished	Pending	✓
Jasmine Terran	Royal Garden	Simplex	60000000	California	Un Furnished	Approved	✓
Kulter Brian	Unico House	3 BHK Flat	4000000	New Jersey	Fully Furnished	Rejected	✓
Tim James	Z-Estate	Simplex	10000000	Texas	Semi furnished	Pending	✓

Order Booked:


Once admin find everything ok, then he confirmed booking and confirmation to the Customers for final formalities.

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Order Booked

Total Price : \$600000



Name : Kevin Smith
Property Type : 4 BHK Flat
Purchase Type : Sell
Price : \$ 600000
City : 4 BHK Flat
Address : Park Street, New York

Confirm Back

Send Confirmation To Customer:

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Booked Order List

Search

Order ID	Purchase ID	Owner ID	Property Name	Price	Order Date	Booked Date	Action
OD100	PID095	OR12	Z-Estate	600000	10/11/2021	10/11/2021	Send Confirmation
OD101	PID96	OR13	Royal Garden	500000	10/11/2021	10/11/2021	Send Confirmation

Conclusion:

This is a complete solution for Property Dealers as well as Customers to facilitate their requirements without middle man or agents. Here They can communicate and place their business with trust and genuineness.