

PROPERTY MANAGEMENT SYSTEM

EXPERIMENT -3

AIM:

To create a simple cloud software application for the Property Buying & Rental process (in Chennai city) using any Cloud Service Provider to demonstrate Software as a Service (SaaS).

PROCEDURE:

1. Go to <https://creator.zoho.com> on your browser. If you already have a Zoho account, click Sign In and enter your details; if not, click Sign Up Now and create a new account by following the on-screen instructions.
2. Once logged in, you'll be taken to your Zoho Creator dashboard. Look for the Create Application button (usually on the homepage or top-right corner) and click on it to start building your app.
3. You'll see options to create using a template, import data, or start fresh. Choose Create from Scratch so you can build the app exactly the way you want, without any predefined structure.
4. A prompt will appear asking you to name your application. Enter a meaningful name like Property Rental & Buying – Chennai, then click the Create button to proceed.
5. Inside your new app workspace, click on **Create New Form** to design your data entry forms. In this app, you will need **three main forms**:
 - **Property Listing Form** – for property owners or agents to add new listings.

- **Buyer/Renter Inquiry Form** – for users interested in buying or renting a property.
 - **Booking & Status Form** – for updating booking confirmation, status, and further communication.
6. Use the form builder to add fields by dragging and dropping from the left panel:
- For **Property Listing Form**: Property ID, Type (Buy/Rent), Area (in sq.ft), Location (dropdown – areas in Chennai), Price, Owner Name, Contact Number.
 - For **Buyer/Renter Inquiry Form**: Inquiry ID, Name, Email, Phone, Preferred Location (lookup), Budget, Property Type (Buy/Rent).
 - For **Booking & Status Form**: Booking ID, Property ID (lookup), Inquiry ID (lookup), Status (Confirmed / Pending / Cancelled), Remarks.
7. After arranging and customizing all the fields in each form, click the Done button to save your forms. This ensures your design is stored and ready to be used.
8. Zoho Creator will now automatically create a Report linked to each form. These reports appear as table views where you can see and manage submitted data entries.
9. You can configure workflows such as:
- Auto-send property availability to renters or buyers.
 - Use Deluge Script to update booking status or send email notifications.
 - Trigger reminders for pending responses or confirmation.

10. Configure **User Roles and Permissions**:

- **Admin**: Full access to all forms and data.
- **Property Owner**: Can add properties only.
- **Buyer/Renter**: Can submit inquiry and view property status only.

11. Click on Access this Application (usually shown as a green button) to preview and test your Property Buying & Rental App. Try submitting inquiry and verify status updates in real-time.

12. To demonstrate SaaS, share the application with users (via email or public link). This allows multi-user cloud access without requiring local installation.

FORM 1:

Property Listing

Property

-Select-

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Listing Type

☐ Sale

☐ Rent

☐ Other

Listing Date

dd-MMM-yyyy

Listing Status

☐ Active

☐ Inactive

☐ Other

Rent

#####

Sale Price

#####

Notes

Submit

Reset

Property Listing Report

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		Property	Listing Type	Listing Date	Listing Status	Rent	Sale Price	Notes
		1	Rent	30-Jul-2025	Active	\$ 1,500.00	\$ 90,000.00	Charming 2 bedroom townhouse
		4	Sale	30-Jul-2025	Inactive	\$ 2,500.00	\$ 180,000.00	Luxury 4 bedroom villa
		3	Rent	30-Jul-2025	Active	\$ 1,000.00	\$ 60,000.00	Modern 1 bedroom condo
		2	Sale	30-Jul-2025	Inactive	\$ 1,800.00	\$ 120,000.00	Spacious 3 bedroom house
		3	Rent	30-Jul-2025	Active	\$ 1,200.00	\$ 85,000.00	Cozy 2 bedroom apartment

FORM 2:

Property Search

Property

Search Term

Search Date

dd-MMM-yyyy

Search Status

Active

Inactive

Other

Submit

Reset

All Property Searches

		Property	Search Term	Search Date	Search Status
		1	Office space for lease	30-Jul-2025	Inactive
		2			
		3			
		4			
		5			
		1	Vacation home in beach	30-Jul-2025	Inactive
		2			
		3			
		4			
		5			
		1	Condo in city center	30-Jul-2025	Active
		3			
		1	House for sale in suburbs	30-Jul-2025	Inactive
...		2	Apartment for rent in downtown	30-Jul-2025	Active
		3			

FORM 3:

Maintenance Request

Property

-Select-

Request Date

dd-MMM-yyyy

Request Status

-Select-

Request Description

Assigned To

Notes

Submit

Reset

All Maintenance Requests

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		Property	Request Date	Request Status	Request Description	Assigned To	Notes
		2	30-Jul-2025	Open	Faulty air conditioner in basement	David Brown	Check and replace air filter
		3	30-Jul-2025	InProgress	Broken window in bedroom	Emily Davis	Replace broken window with new one
		5	30-Jul-2025	Resolved	Faulty light in living room	Mike Johnson	Replace light bulb with new one
		2	30-Jul-2025	InProgress	Clogged drain in bathroom	Jane Doe	Clear clogged drain with plunger
...		2	30-Jul-2025	InProgress	Leaky faucet in kitchen	John Smith	Fix leaky faucet under sink

RESULT:

Thus, the Room Booking System cloud software application was successfully developed and deployed using Zoho Creator. The application was tested and verified for proper functionality. It demonstrated the key features of Software as a Service (SaaS), allowing users to access and manage room reservations over the internet in real-time.