

## **EXPERIMENT 3**

3.Create a simple cloud software application for Property Buying & Rental process (In Chennai city) using any Cloud Service Provider to demonstrate SaaS.

### **AIM OF THE PROJECT**

The aim of this project is to design and develop a cloud-based Property Buying and Rental Management System for Chennai city using Zoho Creator to demonstrate the Software as a Service (SaaS) model, enabling users to list, search, book, and manage properties efficiently through a web-based application.

### **PROCEDURE (EXPERIMENT – 3)**

1. Open a web browser and log in to Zoho Creator using a valid Zoho account.
2. Click on Create App and select From Scratch to create a new cloud application named “Chennai Property Buying & Rental System.”
3. Create required forms such as Property Owner, Property Details, Customer Details, and Booking Request by adding appropriate fields.
4. Configure lookup fields to establish relationships between property owners, properties, and customers.
5. Create reports to display available properties and booking requests.
6. Implement basic workflow automation to update property availability when a booking is approved.
7. Save, test, and deploy the application on the Zoho Creator cloud platform.

Two screenshots of a Zoho Creator application interface for "chennai property manager".

The top screenshot shows the "customer details" form:

- Form title: customer details
- Fields:
  - customer name: input field
  - Email: input field
  - Phone: input field (country code +91, number 81234 56789)
  - Drop Down: dropdown menu (labeled "Select")
  - prefered location: dropdown menu (labeled "Select")
  - Currency: input field (format #,##,###,##)
- Buttons: Submit (blue button)

The bottom screenshot shows the "property owner" form:

- Form title: property owner
- Fields:
  - NAME: input field
  - Email: input field
  - Phone: input field (country code +91, number 81234 56789)
  - Address:
    - Address Line 1: input field
    - Address Line 2: input field
  - City / District: input field
  - State / Province: dropdown menu (labeled "Select")
  - Postal Code: input field
  - Country: dropdown menu (labeled "Select")
- Drop Down: dropdown menu (labeled "chennai")
- Buttons: Submit (blue button)

Both screenshots show a sidebar with navigation links: Property Owners, Property Details, Booking Requests, and customer details (highlighted in blue). The status bar at the bottom indicates the user is Suganth Raj.

The screenshot displays two windows of a Zoho Creator application titled "chennai property manager".

**Top Window: Property Details**

- Left Sidebar:** Shows navigation links: "Property Owners", "Property Details" (selected), "Booking Requests", and "All Property Details".
- Form Fields:**
  - property owner: dropdown menu, value: -Select-
  - Drop Down: dropdown menu, value: -Select-
  - Drop Down: dropdown menu, value: -Select-
  - AREA(sqft): input field, value: #####
  - LOCATION: dropdown menu, value: -Select-
  - Currency: input field, value: ##,##,##,##
  - AVAILABILITY STATUS: dropdown menu, value: -Select-
  - description: text area
  - upload property image: file input field, placeholder: Select File
- Buttons:** "Submit" button.

**Bottom Window: All Booking Requests**

- Left Sidebar:** Shows navigation links: "Property Owners", "Property Details", "Booking Requests" (selected), and "customer details".
- Report View:** Displays a table of booking requests with the following data:

customer name	Email	Phone	Drop Down	preferred location	Currency
SUGANTHARAJ	suganthalraj91@gmail.com	+919150184324	rent	Choice 2	₹ 1,20,000.00
thouhid	suganthalraj91@gmail.com	+919150184324	buy	Choice 2	₹ 12,34,567.00
jogender	abcd@gmail.com	+919150184324	rent	Choice 2	₹ 1,20,000.00

- Page Bottom:** Shows "Showing 3 of 3".

## RESULT

Thus, a cloud-based Property Buying and Rental Management Application for Chennai city was successfully designed and implemented using Zoho Creator, demonstrating the Software as a Service (SaaS) cloud computing model. The application allows users to list properties, search available properties, submit booking requests, and manage property availability through a web-based cloud platform.