



# RENT A PLACE

By VELAGA SRI SAI SUDHA

From C2 Batch


# INTRODUCTION

◦

◦ **RENTAPLACE:**


**A Full-Stack Property Rental Platform**


# Login Page:

 Home Login Register


## Welcome Back

Login to continue your journey with **RentAPlace**

 Enter your email

 Enter your password

Login

 Don't have an account? Register

# After Clicking On Login

## Create Account



Sign up to **RentAPlace** and start your journey 🚀

**Full Name**

**Email**

**Password**


**Role**

 User 


Register


Already have an account? [Login](#)


# Properties


RentAPlace


[Home](#) [Search](#) [Selected](#) [Inbox](#) [Reservation](#) [Logout](#)


 **Selected Properties**




**Luxury Villa in Goa**  
Goa - Villa  
₹20000  
 0  
[View Details](#) [Remove](#)




**A Luxury Riverside Villa Retreat in Goa**  
Goa - Villa  
₹17500  
 0  
[View Details](#) [Remove](#)




**Modern Apartment in Hyderabad**  
Hyderabad, Gachibowli - Apartment  
₹35000  
 0  
[View Details](#) [Remove](#)


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# Messages


 RentAPlace


[Home](#) [Search](#) [Selected](#) [Inbox](#) [Reservation](#) [Logout](#)


 **My Messages**


 **Luxury Villa in Goa**


 **From:** rajesh Owner


 **Message:** okay from when onwards you take it

 9/6/25, 6:56 PM

 **Luxury Villa in Goa**


 **From:** rajesh Owner


 **Message:** okay


 9/6/25, 6:42 PM


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# Reservations

[Home](#) [Search](#) [Selected](#) [Inbox](#) [Reservation](#) [Logout](#)

 **My Reservations**





 **Luxury Villa in Goa**


 Goa


Check-in: Sep 11, 2025  
Check-out: Sep 14, 2025


Confirmed


 View Property

 Pay Now







 **Luxury Villa in Goa**


 Goa


Check-in: Sep 11, 2025  
Check-out: Sep 14, 2025


Rejected

 View Property







 **Luxury Villa in Goa**

 Goa

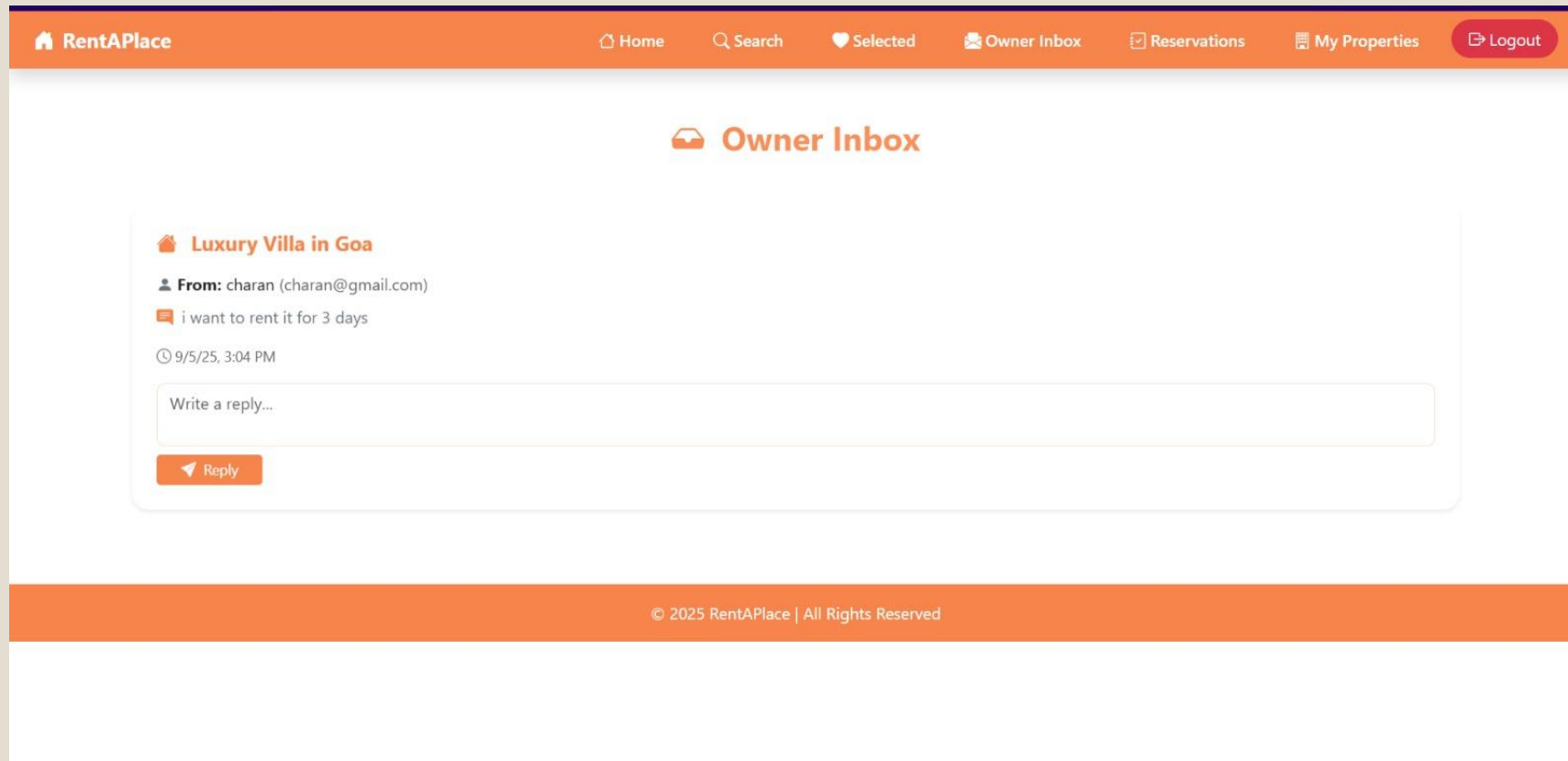
Check-in: Sep 11, 2025  
Check-out: Sep 14, 2025

Rejected

 View Property





# Owner InBox








# CRUD OPERATINS(ADD)


 RentAPlace


 Home


 Search

 Selected

 Owner Inbox

 Reservations

 My Properties

 Logout

 My Properties

### Add New Property

Title

Description

Type (e.g., Villa)

Location

Features

0

Rating

Choose Files

No file chosen

Add Property

# Crud operations



## Luxury Villa in Goa

Goa

₹20000

[Edit](#) [Delete](#)



## A Luxury Riverside Villa Retreat in goa

Goa

₹17500

[Edit](#) [Delete](#)



## Modern Apartment in Hyderabad

Hyderabad, Gachibowli

₹35000

[Edit](#) [Delete](#)



## Beachside Cottage in Kerala

Kochi, Kerala"

₹20000

[Edit](#) [Delete](#)




## Studio Apartment in Mumbai

Mumbai, Bandra


₹25000

[Edit](#) [Delete](#)

# Update property



**Beachside Cottage in Kerala**  
Kochi, Kerala"  
₹20000  
[Edit](#) [Delete](#)



**Studio Apartment in Mumbai**  
Mumbai, Bandra  
₹25000  
[Edit](#) [Delete](#)

### Edit Property

Luxury Villa in Goa

3 BHK fully furnished villa with pool

Villa

Goa

Pool, Gym, Garden, Parking

20000

Choose Files

No file chosen

Update Property

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# Sql

- CREATE TABLE Property (
  - Id INT IDENTITY PRIMARY KEY,
  - OwnerUserId NVARCHAR(450) NOT NULL,
  - Title NVARCHAR(200) NOT NULL,
  - Description NVARCHAR(MAX) NULL,
  - Location NVARCHAR(200) NOT NULL,
  - Latitude DECIMAL(9,6) NULL,
  - Longitude DECIMAL(9,6) NULL,
  - PropertyType NVARCHAR(50) NOT NULL, -- Flat, Villa, Apartment
  - NightlyPrice DECIMAL(10,2) NOT NULL,
  - MaxGuests INT NOT NULL DEFAULT 1,
  - Features NVARCHAR(400) NULL, -- comma separated: pool,beach-facing,garden
  - AvgRating DECIMAL(3,2) NOT NULL DEFAULT 0,
  - IsActive BIT NOT NULL DEFAULT 1,
  - CreatedAt DATETIME2 NOT NULL DEFAULT SYSUTCDATETIME(),
  - UpdatedAt DATETIME2 NULL
- );

# sql

- CREATE INDEX IX\_Property\_Owner ON Property(OwnerUserId);
- CREATE INDEX IX\_Property\_Type\_Rating ON Property(PropertyType, AvgRating DESC);
- CREATE INDEX IX\_Property\_Location ON Property(Location);
  
- CREATE TABLE PropertyImage (
  - Id INT IDENTITY PRIMARY KEY,
  - PropertyId INT NOT NULL,
  - Url NVARCHAR(400) NOT NULL,
  - SortOrder INT NOT NULL DEFAULT 0,
  - CONSTRAINT FK\_PropertyImage\_Property FOREIGN KEY(PropertyId) REFERENCES Property(Id) ON DELETE CASCADE
- );

# sql

- CREATE INDEX IX\_PropertyImage\_Property ON PropertyImage(PropertyId);
- CREATE TABLE Reservation (- Id INT IDENTITY PRIMARY KEY,
- PropertyId INT NOT NULL,
- RenterUserId NVARCHAR(450) NOT NULL,
- CheckIn DATE NOT NULL,
- CheckOut DATE NOT NULL,
- TotalPrice DECIMAL(10,2) NOT NULL,
- Status NVARCHAR(20) NOT NULL DEFAULT 'Pending', -- Pending, Confirmed, Declined, Cancelled
- CreatedAt DATETIME2 NOT NULL DEFAULT SYSUTCDATETIME(),
- CONSTRAINT FK\_Reservation\_Property FOREIGN KEY(PropertyId) REFERENCES Property(Id) ON DELETE CASCADE
- );

# sql

- CREATE INDEX IX\_Reservation\_Property ON Reservation(PropertyId);
- CREATE INDEX IX\_Reservation\_Renter ON Reservation(RenterUserId);
- CREATE INDEX IX\_Reservation\_Status ON Reservation(Status);
  
- CREATE TABLE Rating (
  - Id INT IDENTITY PRIMARY KEY,
  - PropertyId INT NOT NULL,
  - RenterUserId NVARCHAR(450) NOT NULL,
  - Stars INT NOT NULL CHECK (Stars BETWEEN 1 AND 5),
  - Comment NVARCHAR(1000) NULL,
  - CreatedAt DATETIME2 NOT NULL DEFAULT SYSUTCDATETIME(),
  - CONSTRAINT FK\_Rating\_Property FOREIGN KEY(PropertyId) REFERENCES Property(Id) ON DELETE CASCADE
- );

# sql

- CREATE INDEX IX\_Rating\_Property ON Rating(PropertyId);
- CREATE UNIQUE INDEX UX\_Rating\_UserProperty ON Rating(PropertyId, RenterUserId);
- -- Messaging in separate schema (or same DB for simplicity)
- CREATE TABLE MessageThread (
  - Id INT IDENTITY PRIMARY KEY,
  - PropertyId INT NOT NULL,
  - OwnerUserId NVARCHAR(450) NOT NULL,
  - RenterUserId NVARCHAR(450) NOT NULL,
  - CreatedAt DATETIME2 NOT NULL DEFAULT SYSUTCDATETIME()
- );



# sql

- CREATE UNIQUE INDEX UX\_Thread ON MessageThread(PropertyId, OwnerUserId, RenterUserId);
- CREATE TABLE Message (
  - Id INT IDENTITY PRIMARY KEY,
  - ThreadId INT NOT NULL,
  - SenderUserId NVARCHAR(450) NOT NULL,
  - Body NVARCHAR(2000) NOT NULL,
  - CreatedAt DATETIME2 NOT NULL DEFAULT SYSUTCDATETIME(),
  - IsRead BIT NOT NULL DEFAULT 0,
  - CONSTRAINT FK\_Message\_Thread FOREIGN KEY(ThreadId) REFERENCES MessageThread(Id) ON DELETE CASCADE
- );
- CREATE INDEX IX\_Message\_Thread ON Message(ThreadId);