

# Property Broker System

Built using  
Spring Boot,  
Java 17, MySQL

Modules: User,  
Property,  
Booking

Includes JWT  
Security, DTOs,  
Validation

Includes JPA,  
Service Layer,  
Controller Layer

Front end Build  
using ReactJS.

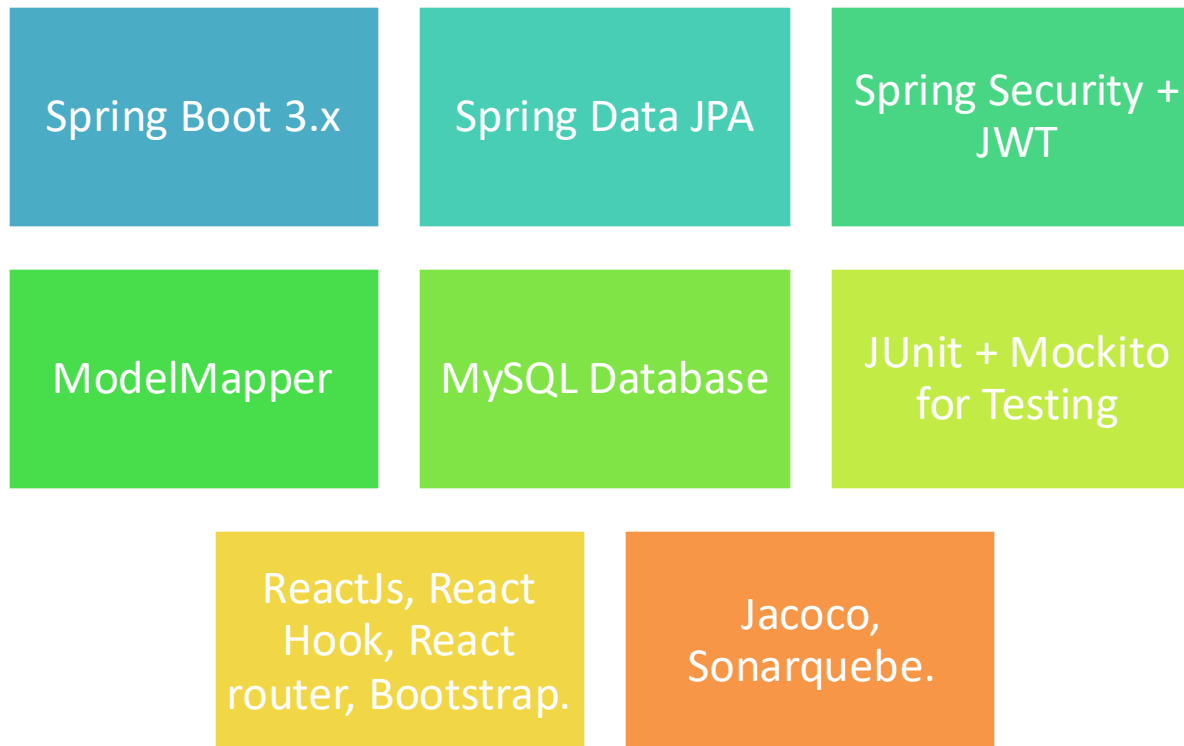
# System Modules

User Module –  
registration, login,  
role management

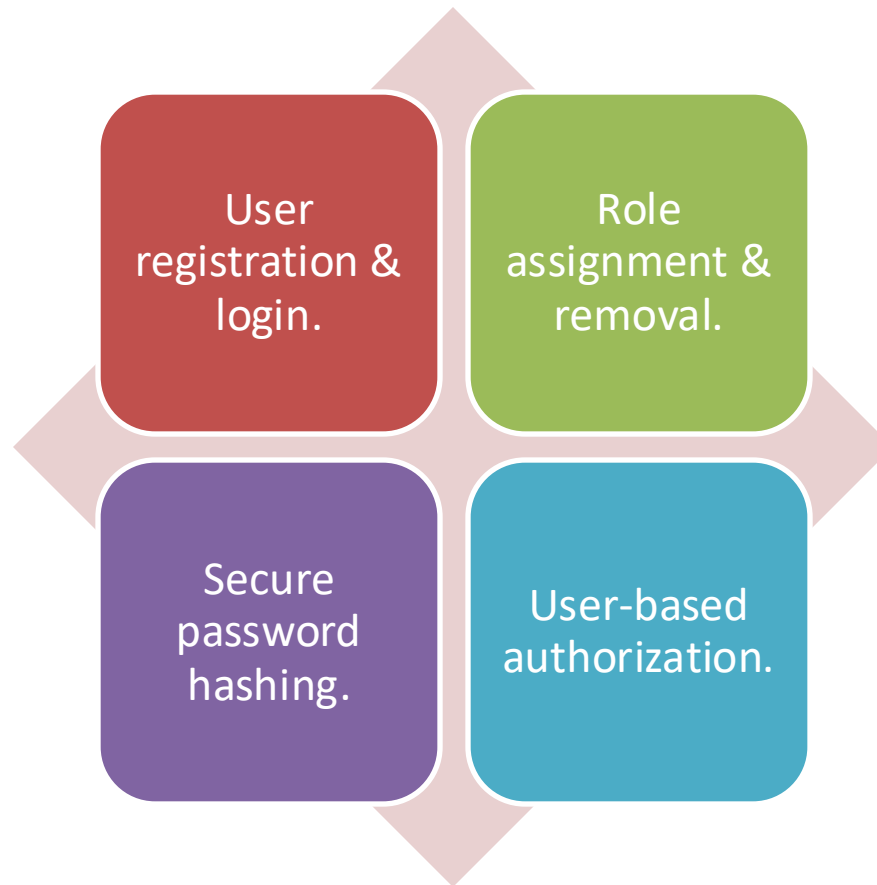
Property Module –  
CRUD operations,  
search, owner-  
restrictions

Booking Module –  
create, update  
status, customer &  
property history

# Technology Stack



# User Module Overview



# Property Module Overview

Add property  
by owner

Update/delete  
only by owner

Search  
properties  
with filters

Pagination &  
sorting  
support

# Booking Module Overview

Book property visit

Status update: REQUESTED, CONFIRMED, REJECTED

Customer-specific bookings

Property-specific bookings

# Security Layer

JWT Authentication

Spring Security Filters

Secure endpoints based on  
roles

Authenticated user via  
SecurityContextHolder

# Testing Strategy

JUnit 5 + Mockito

Service layer unit  
tests

MockMvc for  
controller tests

Lenient stubbing  
to avoid  
unnecessary  
mock errors.



# Login Page

## Things You Can Do with MyBrokerly

- 🏠 Post your Property for FREE
- 🔔 Set property alerts based on requirements
- 👥 Get accessed by thousands of verified buyers
- 📞 Receive instant property queries
- 📊 Track your property performance
- 📁 Upload multiple photos and detailed information

**MyBrokerly.com**

Welcome to MyBrokerly

Manage properties, connect with buyers, and grow your business!

Login

Register

# Register Page

Join MyBrokerly Today

Create your free account and start listing or searching for properties.

Register

Manisha

Email

\*\*\*\*\*

First Name

Last Name

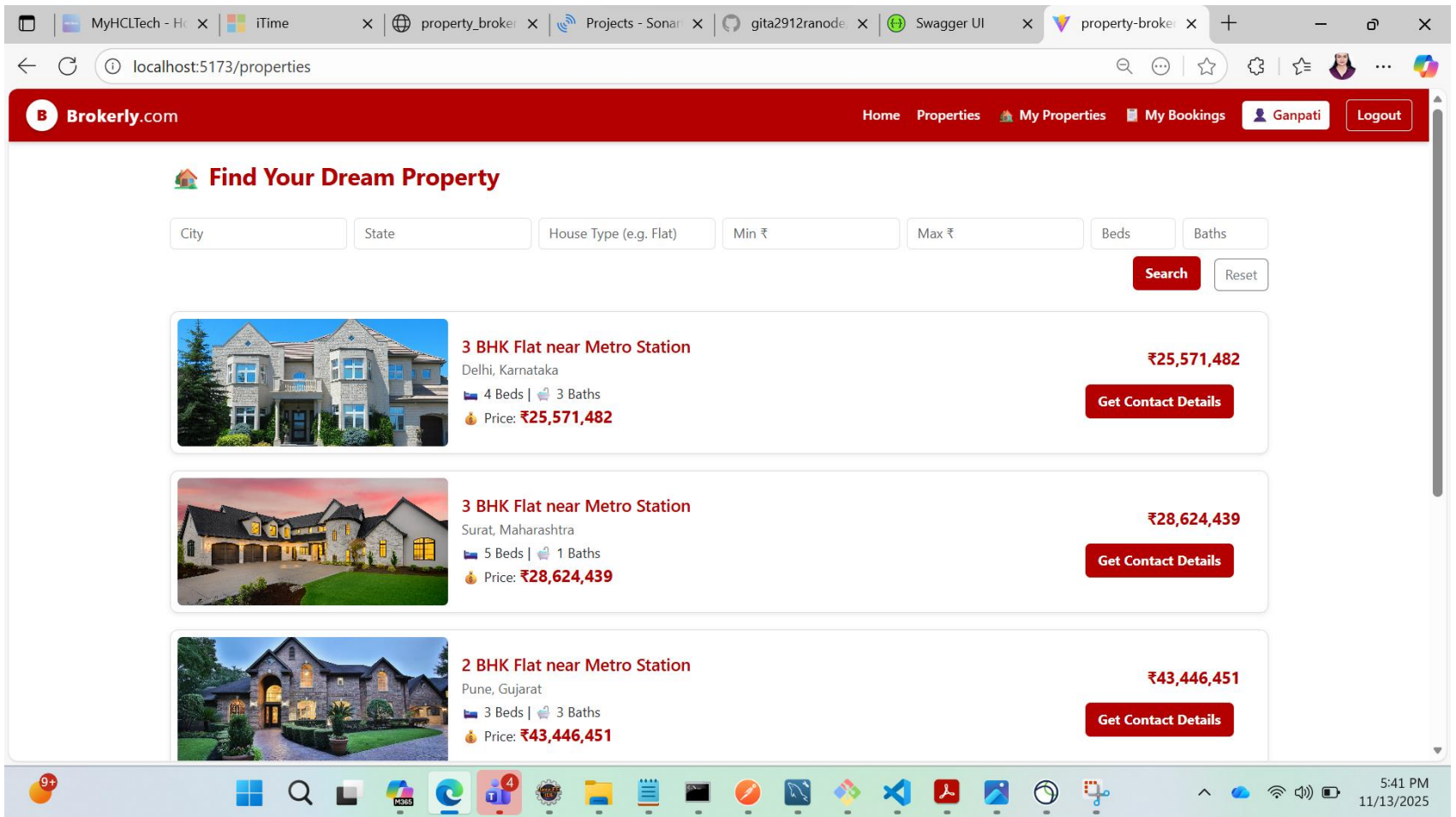
Phone Number

Customer



Sign Up

# Search Page



# Booking Management

B

Brokerly.com

Home

Properties

My Properties

My Bookings

Ganpati

Logout

My Bookings

Refresh

Browse Properties

3 BHK Flat near Metro Station

Delhi, Karnataka • Villa

Scheduled: 11/14/2025, 5:45:00 AM

Notes: I would like to visit

REQUESTED

₹25,571,482

View Property

Cancel

3 BHK Flat near Metro Station

Surat, Maharashtra • Apartment

Scheduled: 11/14/2025, 8:45:00 AM

Notes: I would Like to visit


REQUESTED

₹28,624,439

View Property

Cancel

# Property Management



localhost:5173 says

✓ Property added successfully!

OK

My Properties

My Bookings

Ganpati

Logout

Tulip Villa

Description

This is beautiful Villa near that there is sea view.

Address

Santacruz, mumbai,41132

Price (₹)

300000000

Area (sqft)

600

City

Mumbai

State

Maharashtra

Country

India

Zipcode

411023

Bedrooms

2

Bathrooms

2

Property Image URL

https://shahluxuryhomes.com/wp-content/uploads/2015/07/Deland-35.jpg

Saving...

# My Property Management


## My Listed Properties

[+ Add New Property](#)



### Lotus Apartment

Mumbai, Maharashtra — Apartment

 2 Beds |  2 Baths

 ₹300,000,000 |  600 sqft


 Update

 Delete



### Tulip Villa

Mumbai, Maharashtra — House













 2 Beds |  2 Baths

 ₹300,000,000 |  600 sqft

 Update

 Delete

# Swagger File

user-controller			^
GET	/api/users/{id}		▼
PUT	/api/users/{id}		▼
DELETE	/api/users/{id}		▼
GET	/api/users		▼
POST	/api/users		▼
POST	/api/users/{id}/roles		▼
DELETE	/api/users/{id}/roles		▼
role-controller			^
GET	/api/roles/{id}		▼
PUT	/api/roles/{id}		▼
DELETE	/api/roles/{id}		▼
GET	/api/roles		▼
POST	/api/roles		▼

## property-controller



GET	/api/properties/{id}		
PUT	/api/properties/{id}		
DELETE	/api/properties/{id}		
GET	/api/properties		
POST	/api/properties		
GET	/api/properties/search		
GET	/api/properties/owner		

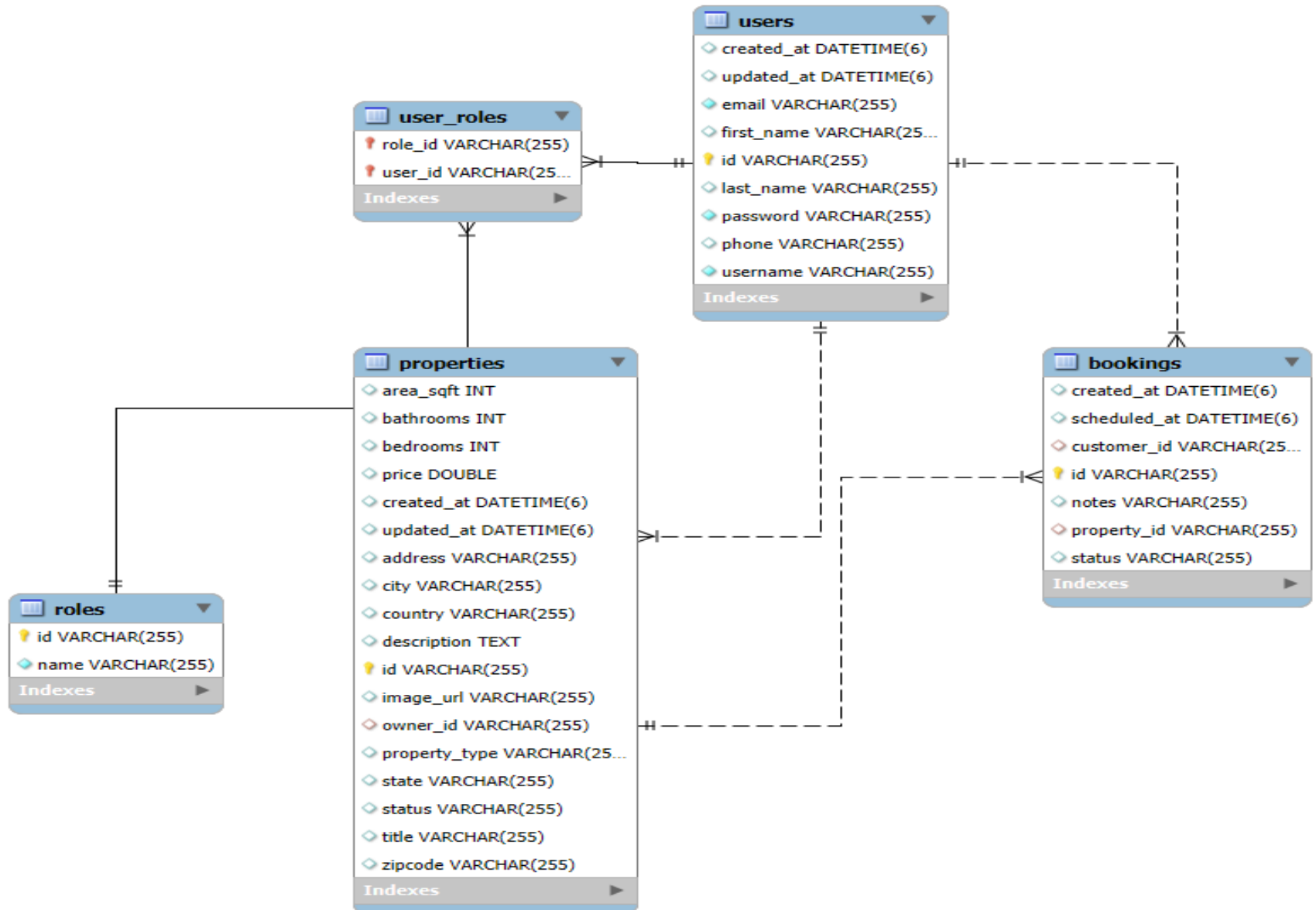
## booking-controller



PUT	/api/bookings/{id}/status		
GET	/api/bookings		
POST	/api/bookings		
GET	/api/bookings/{id}		
DELETE	/api/bookings/{id}		
GET	/api/bookings/customer		



# Database Design



# Github Repository

- Backend: [gita2912ranode/property-broker-system](#)
- Frontend: [gita2912ranode/property-broker-system-frontend](#)

# Conclusion

- Monolithic but modular architecture
- Clean separation of concerns
- Secure, scalable, and testable
- Ready for microservice migration