



Rent a place

Capstone Project - Java SD C4

Team Members :

Mentor : Mr. Shadab Ahmad Khan

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- 5) Raja Bala Siva Prasad

Hardware & Software Requirements:

Hardware Requirements

- ☐ Developer PC with minimum 4GB RAM
- ☐ Hard Disk : 256 GB

Software Requirements

- ☐ Application server : Spring Boot
- ☐ Spring tool suite for Java Developer (Backend)
- ☐ Visual Studio Code (FrontEnd)
- ☐ Database : MySql
- ☐ System : Window 7/8/10
- ☐ Network : Wi-Fi or Cellular Network

INTRODUCTION

- The main aim of this website is to list the houses for rent and the users looking for place to rent could find the details of the house or room.
- There are 2 users on the application: -
 - User
 - Owner

The detail page shows the information like price, image and detail description of the house.

Similarly the admin user can manage the houses using simple admin panel. They can easily add new house, update or delete the existing ones.

Objectives:

- Provide visitors a personalized experience.
- To give online help to search the rental information.
- Reduce the human energy and unnecessary cost to search rental house or others rental.
- Refine service efficiency.
- To develop a web based application for rental house
- Our main objective of the Rent_a_place System is to develop a prototype for Online Rent Solution based application. Give service to the rent seekers. Reduce human energy to search rental place, saving time of the people. To identify people's requirements during finding the rental house.

Features:

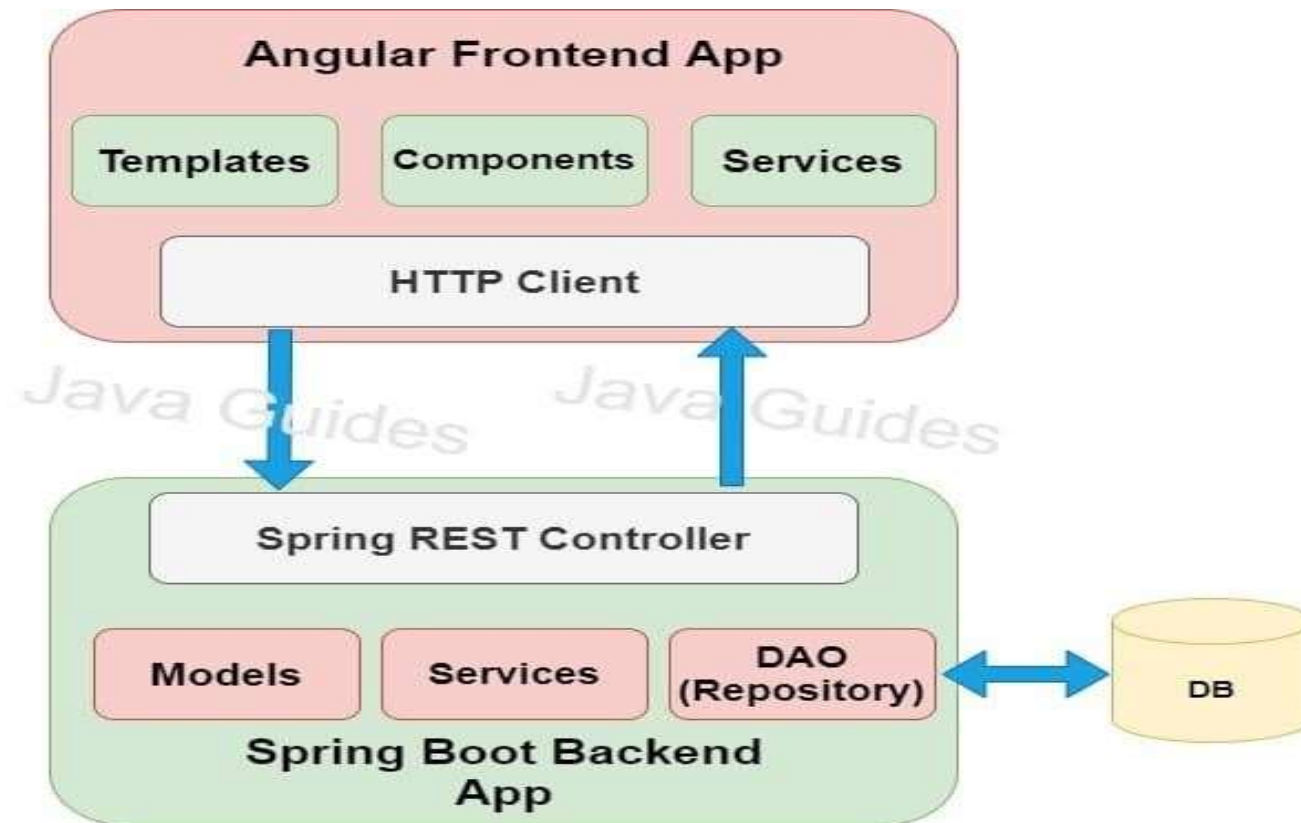
► User Stories –

1. User can login, logout and register into the application.
2. User can see the top-rated properties in different categories.
3. User can search property as per the different search criteria's as: -
 1. a. Check-in and check-out date
 2. b. Place to visit
 3. c. Type of property like (flat, apartment, villas)
 4. d. Features like pool, pool facing, beach, beach facing, garden, garden facing and many more.
4. User can see the selected properties in list or card view..
5. User can see 4 to 5 pic. Of each property.
6. User can reserve the property.
7. User can send message on the application to the owner.

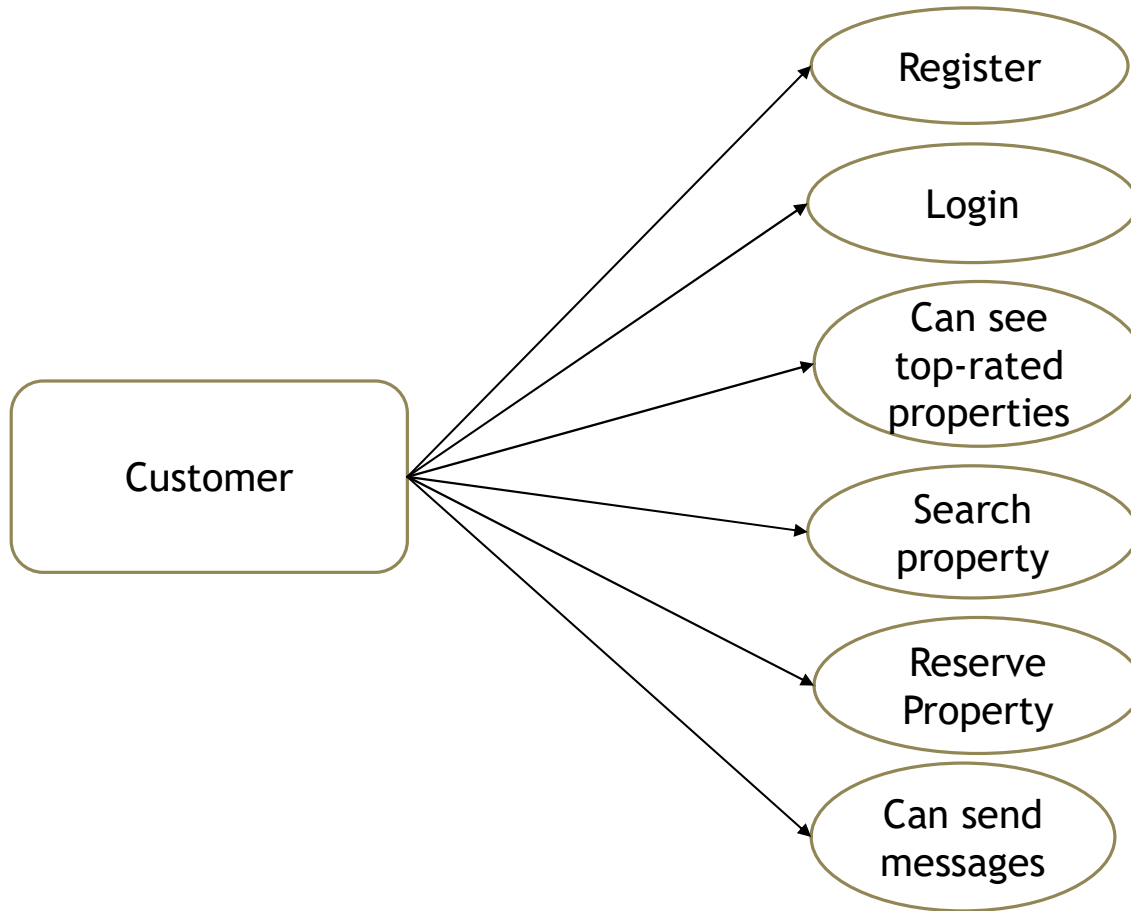
► **Owner Stories –**

1. Owner can login, logout and register into the application.
2. Owner can add properties on the platform. Properties can be more than one.
3. Owner can update, delete and get the properties.
4. Owner can see the messages of the users.
5. Owner can reply on the messages
6. Owner can get mail as soon as the user reserved a property.
7. Owner can conform to the reserved status.

Working:



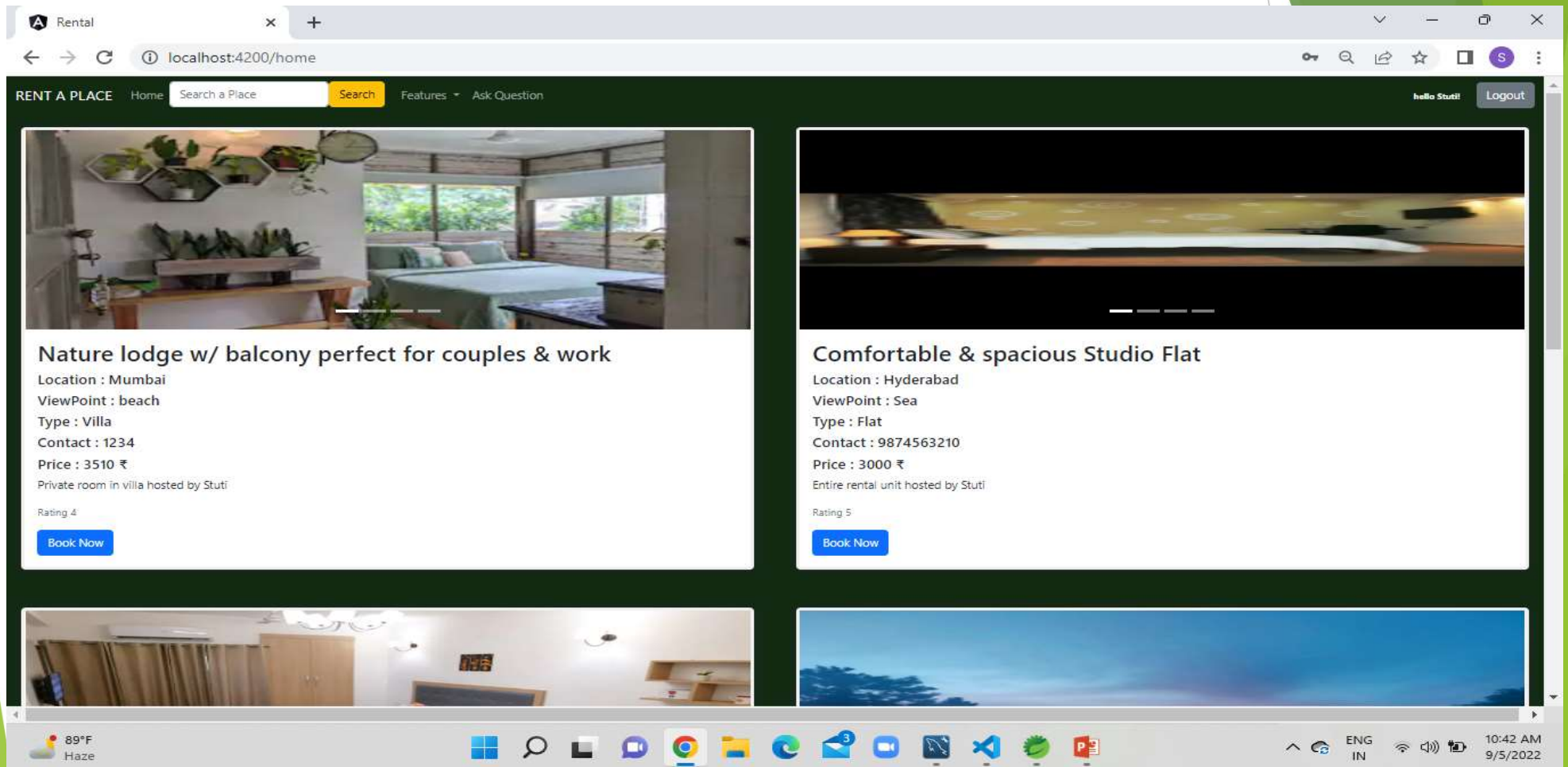
Use case diagram:



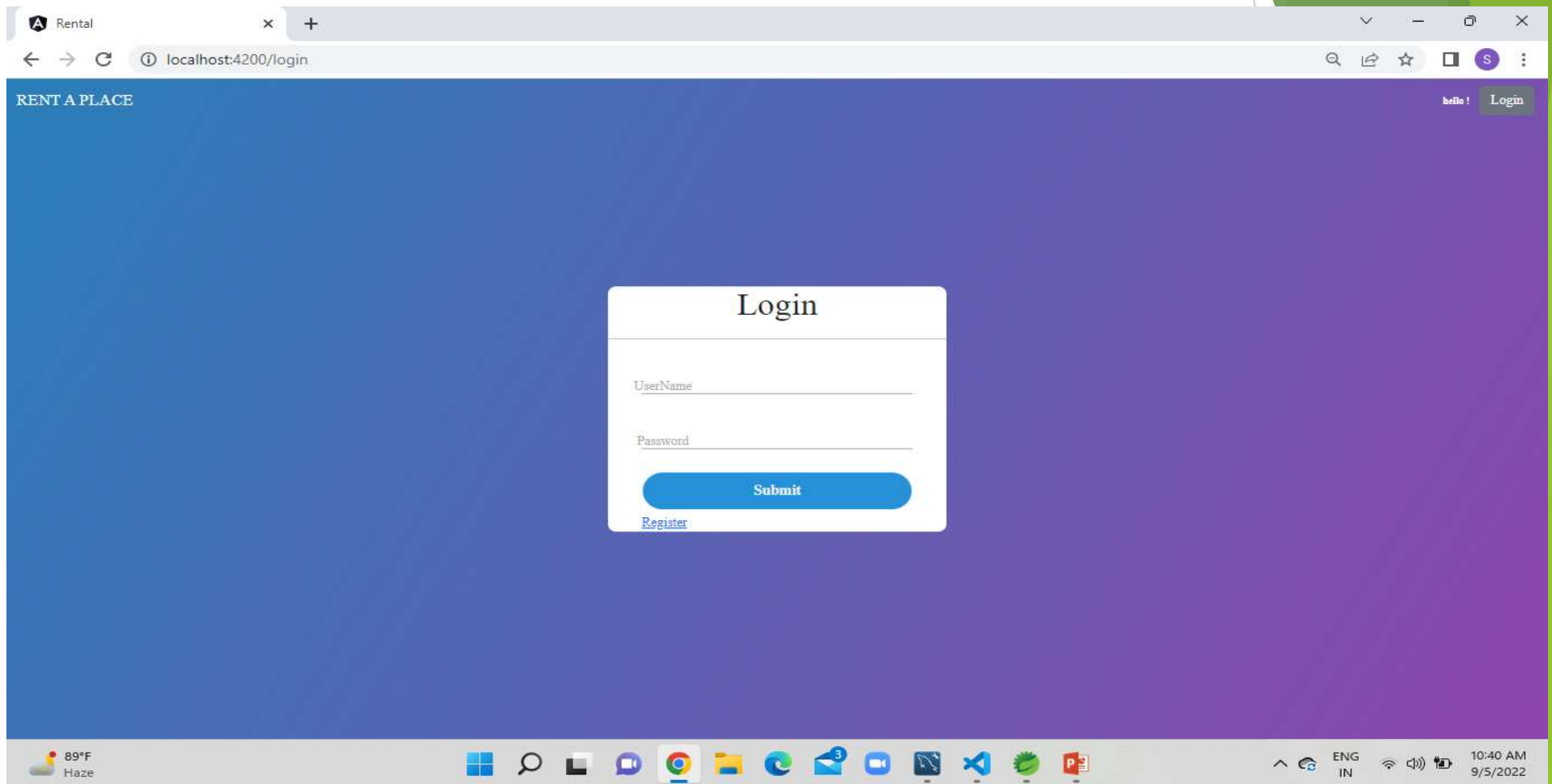
Frontend SnapShots..



Home Page:



Login Page:



The screenshot shows a web browser window with the title 'Rental' and the address bar displaying 'localhost:4200/login'. The page has a blue and purple gradient background. In the top left corner, the text 'RENT A PLACE' is visible. In the top right corner, there is a 'hello !' link and a 'Login' button. The main content is a white login form with the title 'Login'. It contains two input fields labeled 'UserName' and 'Password', a blue 'Submit' button, and a blue link labeled 'Register'.

RENT A PLACE

hello ! Login

Login

UserName

Password

Submit

[Register](#)

89°F Haze

ENG IN

10:40 AM 9/5/2022

Registration Page:

Rental

localhost:4200/register

Registration

UserName
Enter your name

Email
Enter your email
We'll never share your email with anyone else.

Password
Enter your password

Phone
Enter your phone

Register

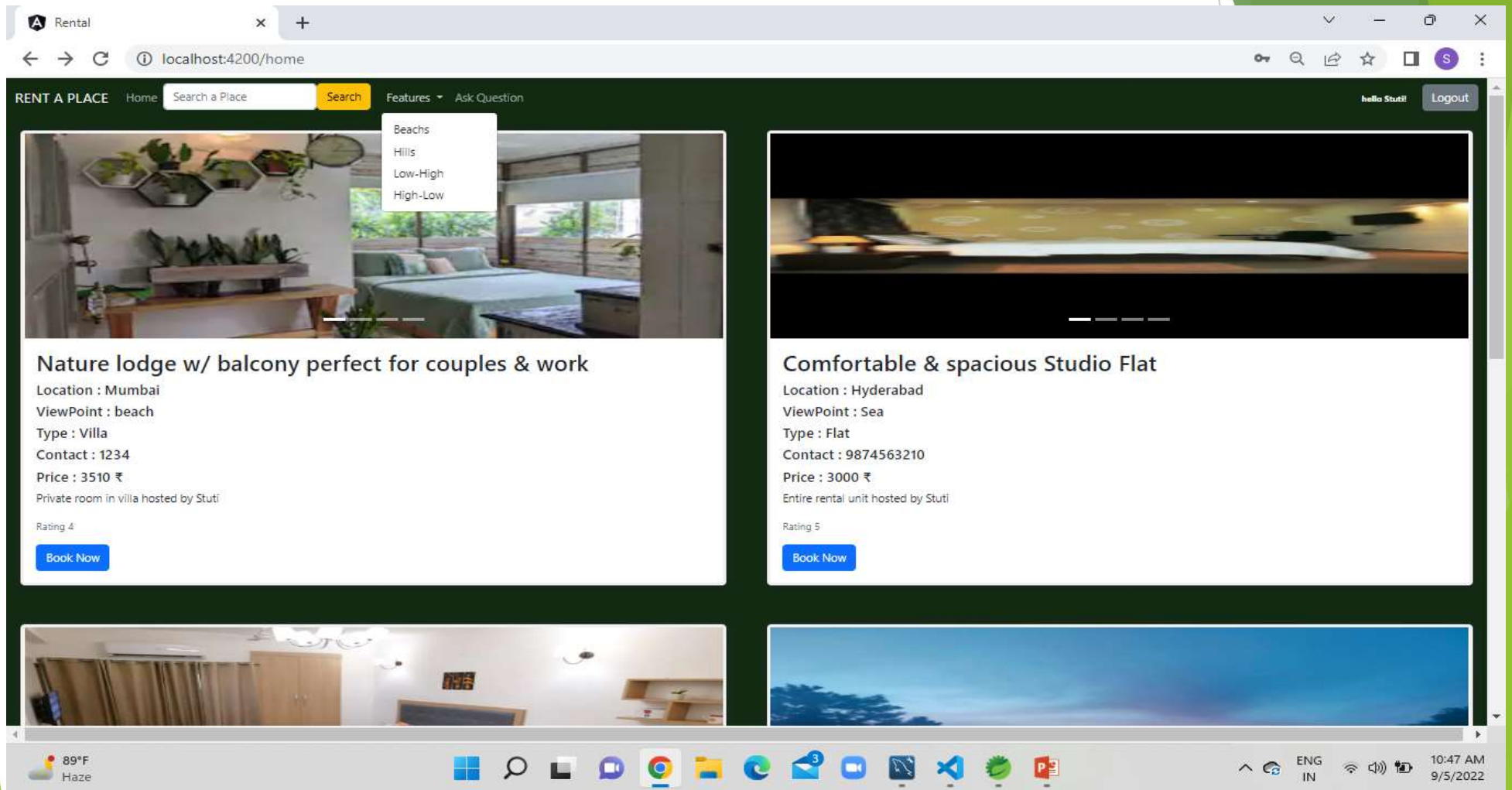
Already a user? [Login](#)

89°F Haze

Windows taskbar icons: File Explorer, Edge, Mail, Teams, VS Code, Docker, PowerPoint, etc.

ENG IN 10:45 AM 9/5/2022


Features:



Booking:

Rental

localhost:4200/checkout



Days :

Total Amount= ₹ 9750

Location : Noida

ViewPoint : Near Market


Type : Flat

Entire serviced apartment hosted by Stuti

Rating 5

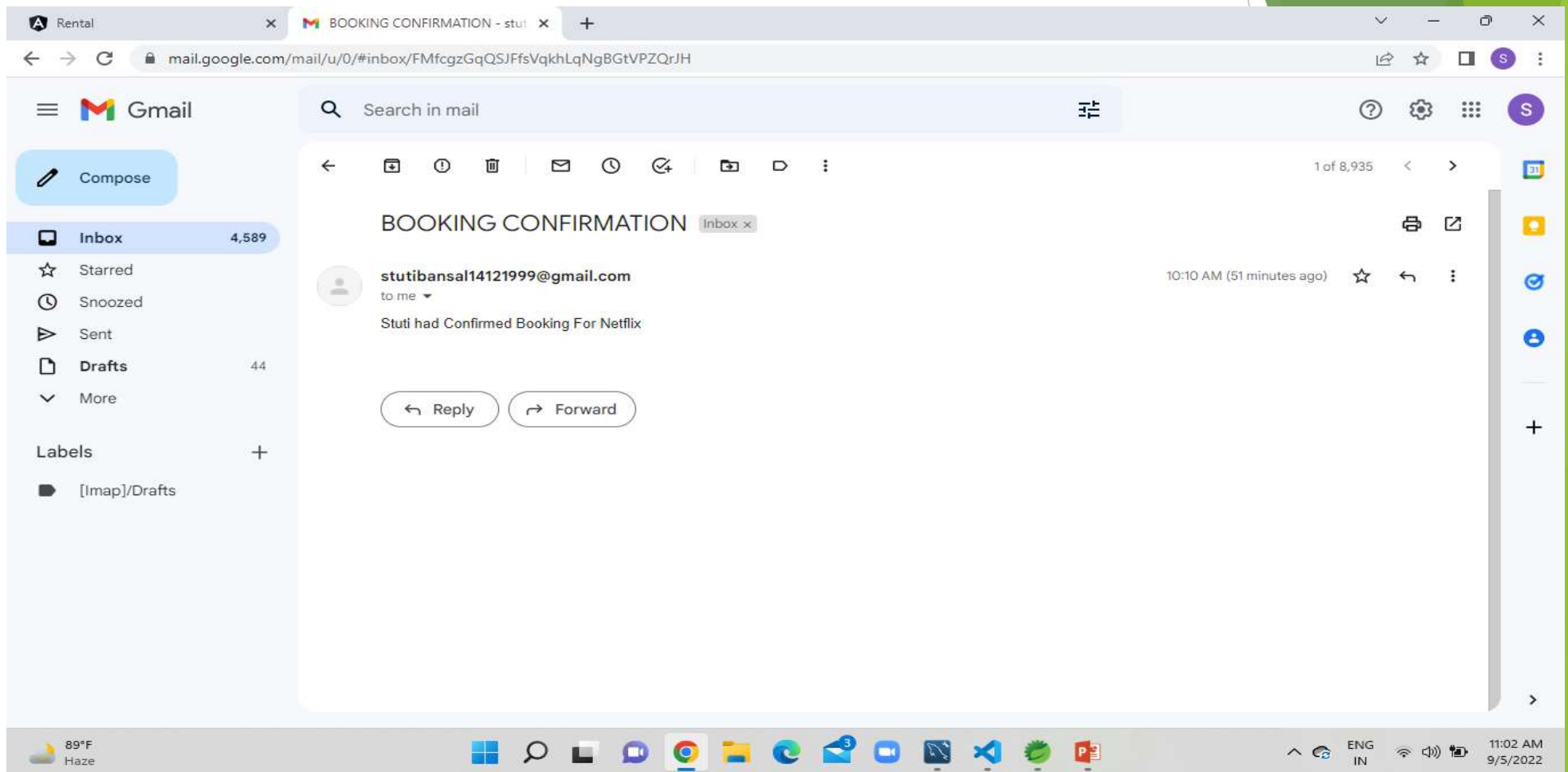
CheckOut

89°F
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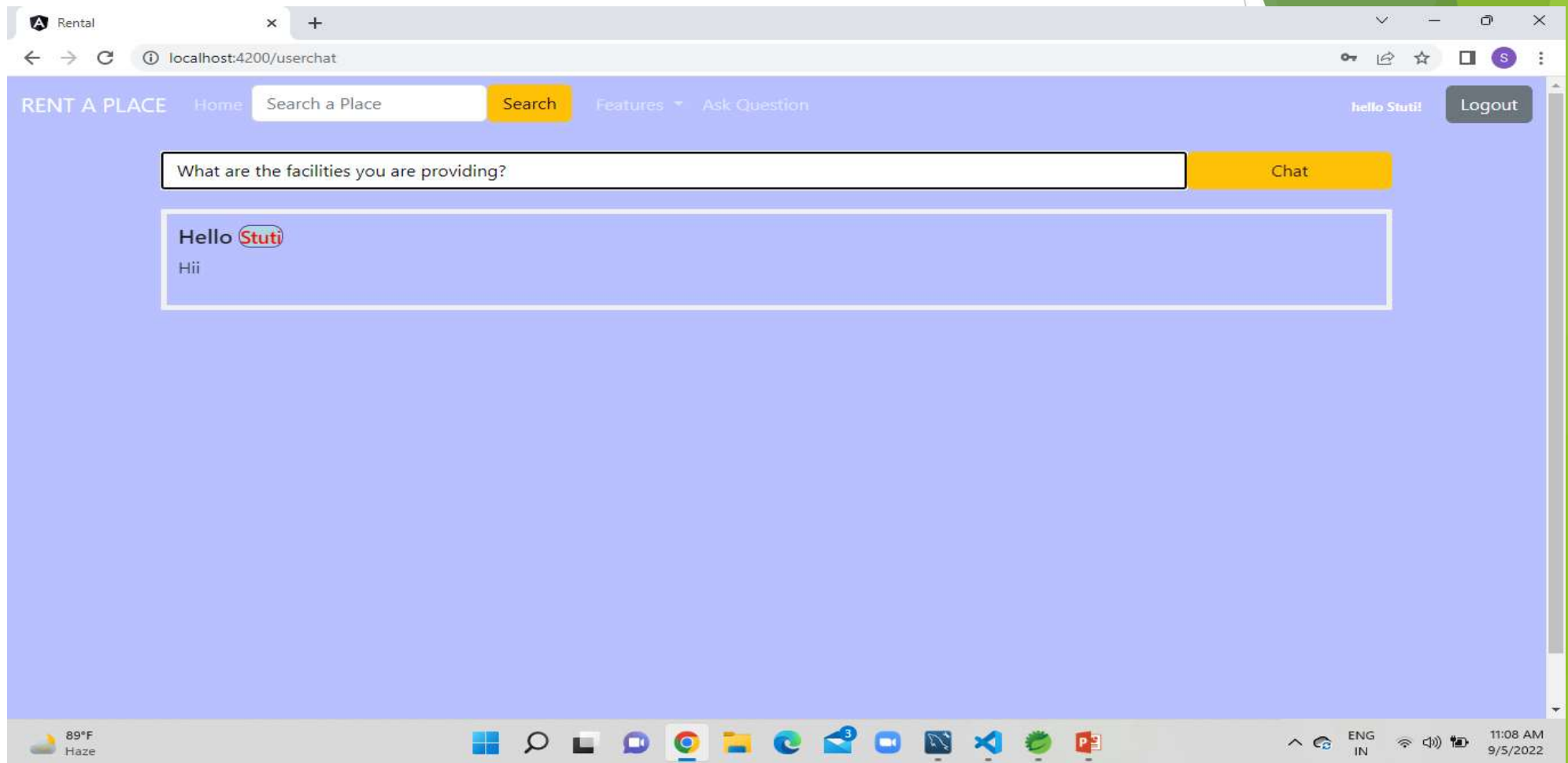


ENG
IN 11:05 AM
9/5/2022

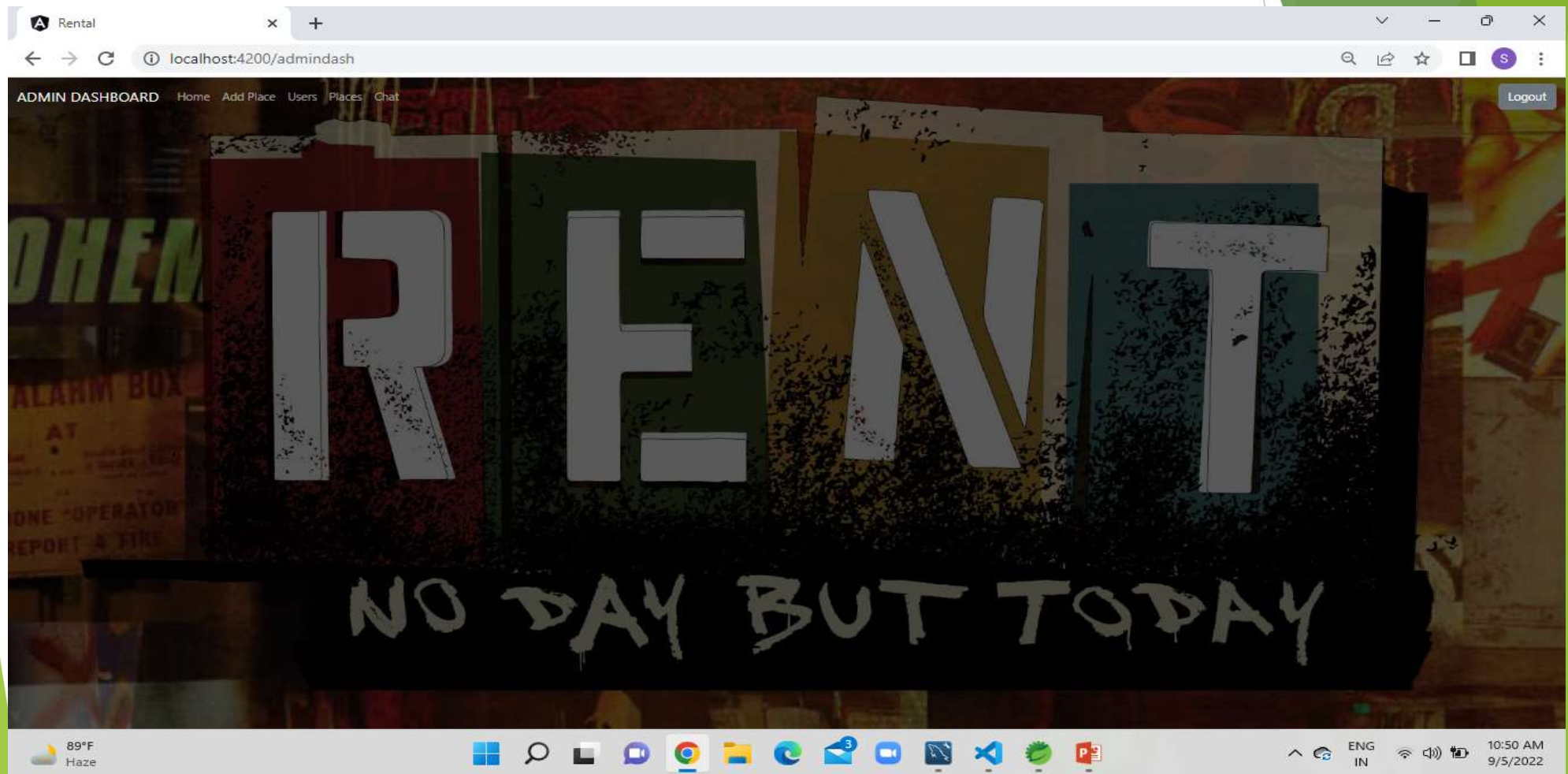
Booking Confirmation Mail:



User can ask a question:



Admin HomePage:



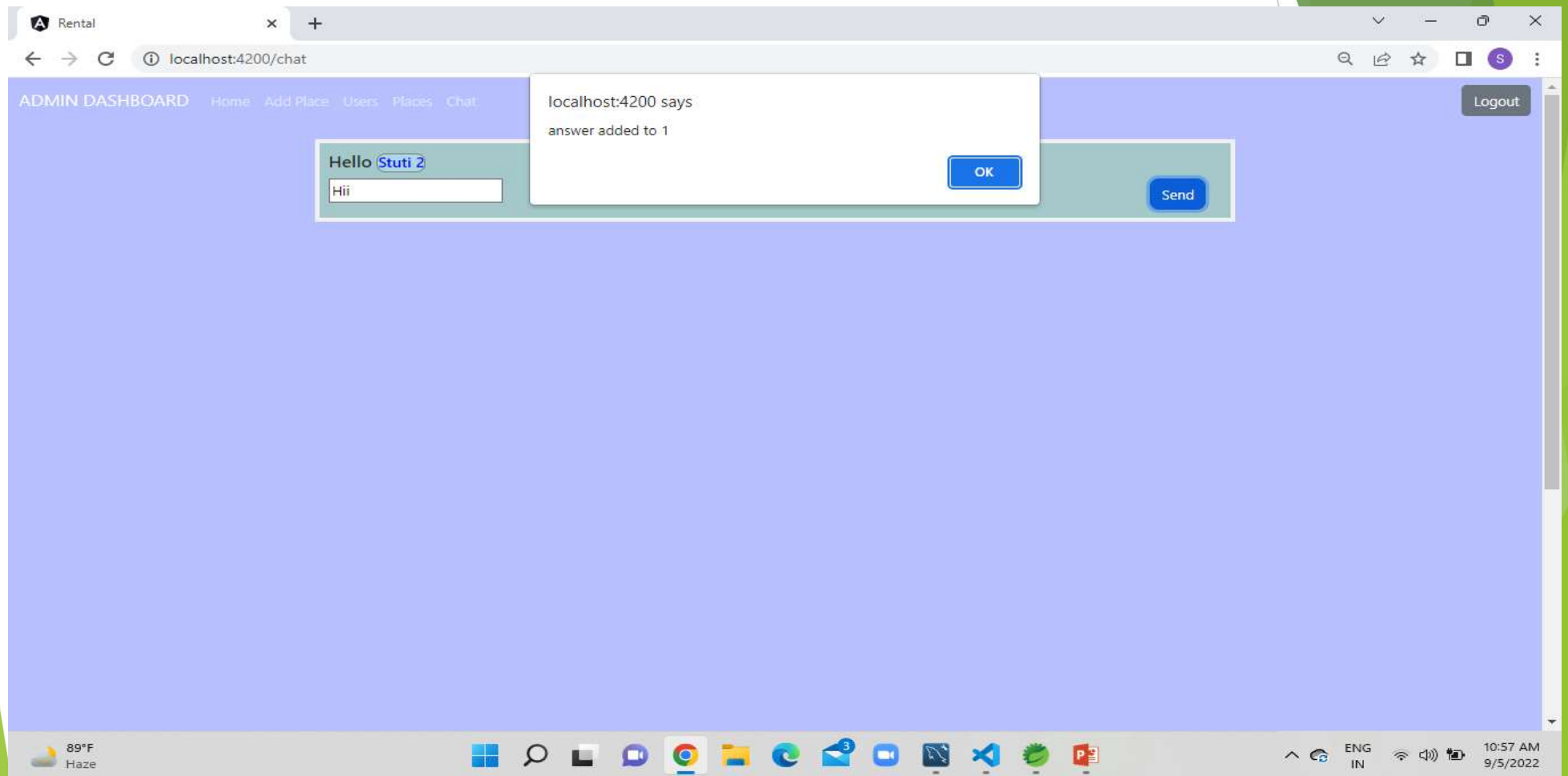
Users:

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/users'. The page title is 'Rental'. The main content area is titled 'ADMIN DASHBOARD' and features a navigation menu with links: Home, Add Place, Users, Places, and Chat. A 'Logout' button is located in the top right corner. The dashboard displays a list of six users, each represented by a card with a placeholder profile picture, name, email, phone number, and 'Update' and 'Delete' buttons.

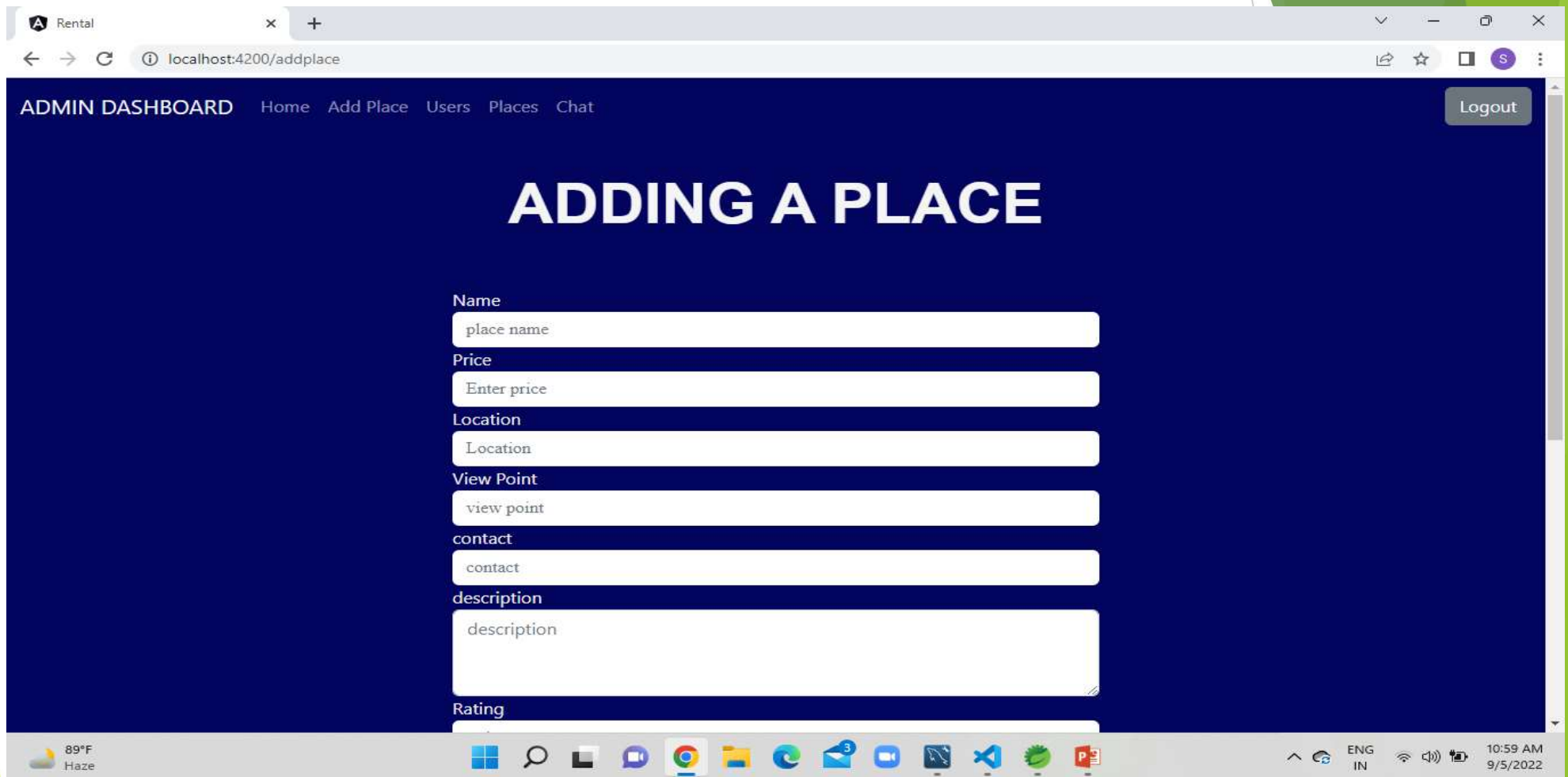
Name	Email	Phone Number	Actions
Owner	owner@gmail.com	1234567890	Update, Delete
Stuti	stuti@gmail.com	9638527410	Update, Delete
Manish	Manish4@gmail.com	7418529630	Update, Delete
Raja	Raja@gmail.com	9638527410	Update, Delete
Lallita	lallita@gmail.com	8523697410	Update, Delete
Varalakshmi	varalakshmi@gmail.com	7418523690	Update, Delete

The bottom of the browser window shows a Windows taskbar with various application icons, a system tray with weather information (89°F Haze), language (ENG IN), and date/time (10:56 AM 9/5/2022).

Admin Chatbox:



Adding a new place:



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/addplace'. The browser's tab is labeled 'Rental'. The page has a dark blue header with the text 'ADMIN DASHBOARD' and a navigation menu with links: 'Home', 'Add Place', 'Users', 'Places', and 'Chat'. A 'Logout' button is in the top right corner. The main content area has a large white heading 'ADDING A PLACE'. Below this heading is a form with several input fields, each with a label to its left: 'Name' (placeholder: 'place name'), 'Price' (placeholder: 'Enter price'), 'Location' (placeholder: 'Location'), 'View Point' (placeholder: 'view point'), 'contact' (placeholder: 'contact'), 'description' (placeholder: 'description'), and 'Rating' (no placeholder visible). The browser's taskbar at the bottom shows the system clock as 10:59 AM on 9/5/2022, the language set to 'ENG IN', and various application icons including Windows, Search, File Explorer, Edge, Mail, and others.

ADMIN DASHBOARD Home Add Place Users Places Chat Logout

ADDING A PLACE

Name
place name

Price
Enter price

Location
Location

View Point
view point

contact
contact

description
description

Rating

Future Scope:

- According to several reports, the rental sector is on a more robust path to substantial future development. Cities like Noida, Gurgaon, Mumbai, Bangalore, and Hyderabad are experiencing a strong rise in rental demand in Q1 (Jan-Mar) 2022 since they are home to a majority of corporate offices. Bangalore and Mumbai Metropolitan Region (MMR) were the most preferred cities for rentals over this time period, accounting for 27 percent and 30 percent of total demand, respectively. Rental housing demand in Hyderabad increased by 150 percent year on year and 30 percent quarter on quarter, respectively. Nonetheless, rates for mid-range and affordable flats have stayed stable in many cities, while luxury unit rentals have increased by 10-15 percent, mainly in places like Bangalore and Gurgaon.

Pros.

- Helps finding a suitable home within your pocket with ease.
- Simplifies the paperwork formalities and other activities.
- The Tenants can pay their rent through the app.
- No Presence of Broker or any Middlemen.
- Offering the Rewards and Attractive Offers.

Cons

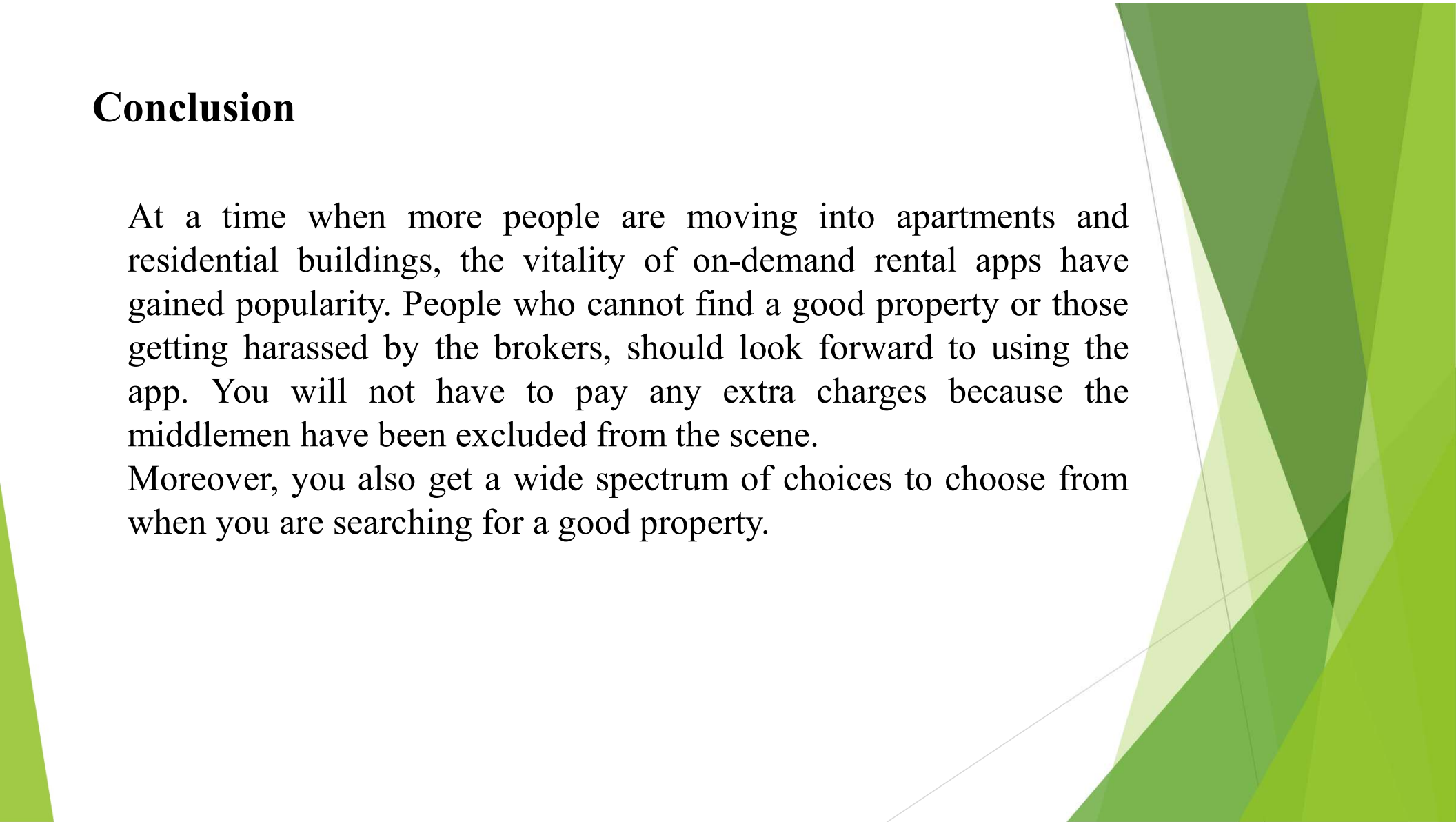
- No return on rental paid
- Maintenance issue
- Rental agreement renewals are difficult
- Too much restrictions
- No right of ownership.



Conclusion

At a time when more people are moving into apartments and residential buildings, the vitality of on-demand rental apps have gained popularity. People who cannot find a good property or those getting harassed by the brokers, should look forward to using the app. You will not have to pay any extra charges because the middlemen have been excluded from the scene.

Moreover, you also get a wide spectrum of choices to choose from when you are searching for a good property.



Thank You..

