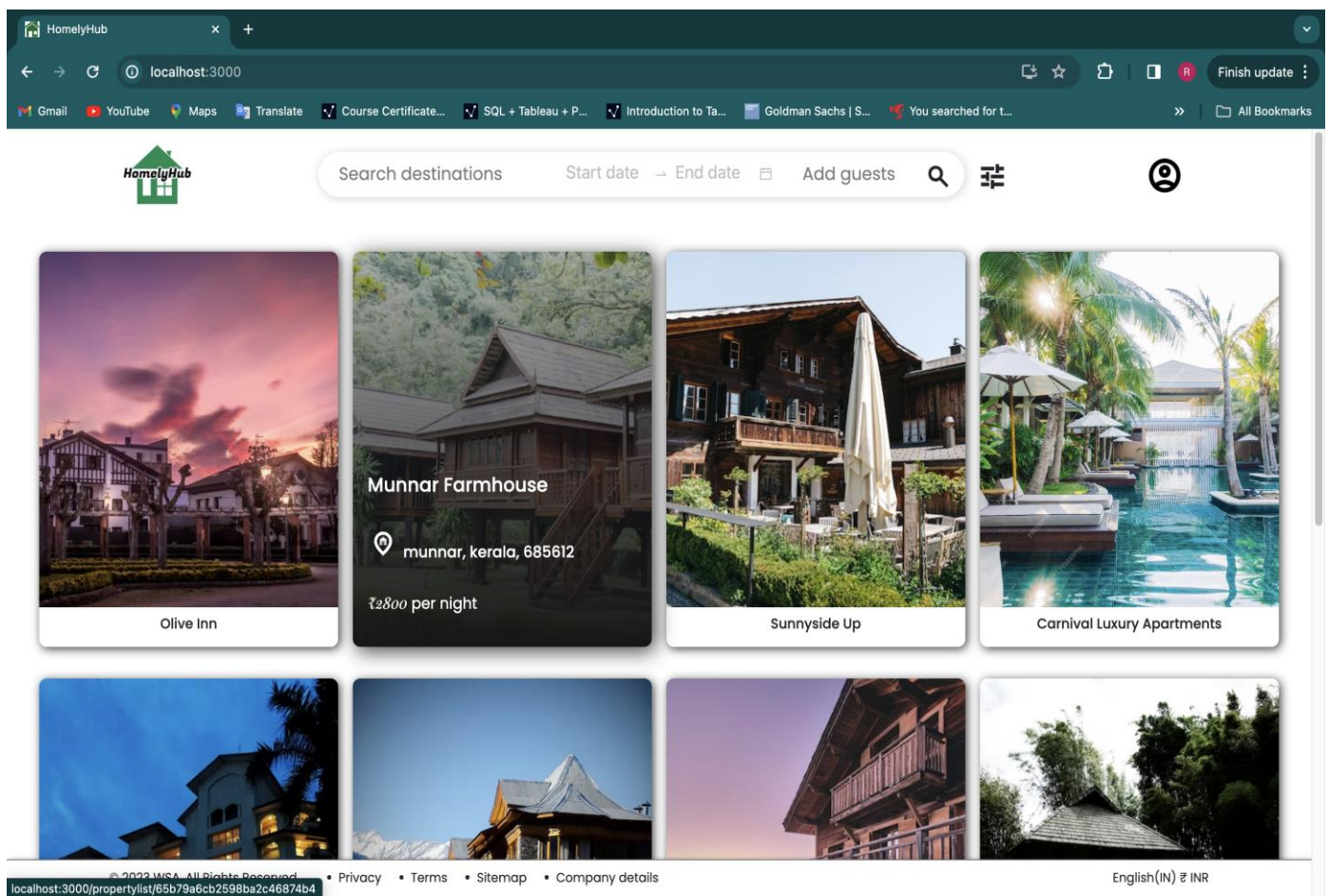


HomelyHub app using MERN Stack

HomelyHub is a platform that lets people find and book unique places to stay while traveling. Whether it's a cozy home or a fancy villa, or room, you can experience a personalized stay. Hosts can also earn money by sharing their spaces. so, Explore the world with HomelyHub for a unique and comfy adventure!"



Architecture:

The HomelyHub project using the MERN (MongoDB, Express.js, React, Node.js) stack is designed to replicate the core functionalities of the Airbnb platform. The architecture comprises a MongoDB database to store property and user data, while Express.js handles server-side logic and API endpoints. React is employed for building the user interface, providing a dynamic and responsive experience for property listings and bookings. Node.js serves as the runtime environment for server-side execution, ensuring seamless communication between the front and back ends. The project follows a modular structure, with components for user authentication, property search, and booking features. Redux is integrated for efficient state management, enabling a smooth flow of data within the application. Additionally, the project employs RESTful API principles to facilitate communication between the client and server, ensuring a scalable and maintainable codebase.

Features:

- **User Authentication:** Allow users to sign up, login, and manage their profiles i.e., update users profile and password.
- **Search and Filters:** Implement a search feature with filters to enable users to easily find properties based on location, dates, pricing, and amenities, enhancing the overall user experience.
- **View Listings:** Users can view detailed information about each accommodation, including photos, descriptions, amenities.
- **Property Listings:** Allow property owners to list their accommodations, providing details such as images, descriptions, amenities, and pricing, etc.
- **Booking System:** Develop a booking system that allows users to select desired dates, view pricing, and confirm reservations, with real-time updates on availability and booking status.
- **User Profiles:** Implement user profiles where individuals can manage their bookings, update personal information, and track their property listing activity.

- **Payment Integration:** Integrate a secure payment gateway to handle transactions, allowing users to make reservations and property owners to receive payments seamlessly.
- **Responsive Design:** Ensure a responsive and visually appealing design that adapts to various devices, providing a consistent and user-friendly experience on both desktop and mobile platforms.

SCREENSHOTS

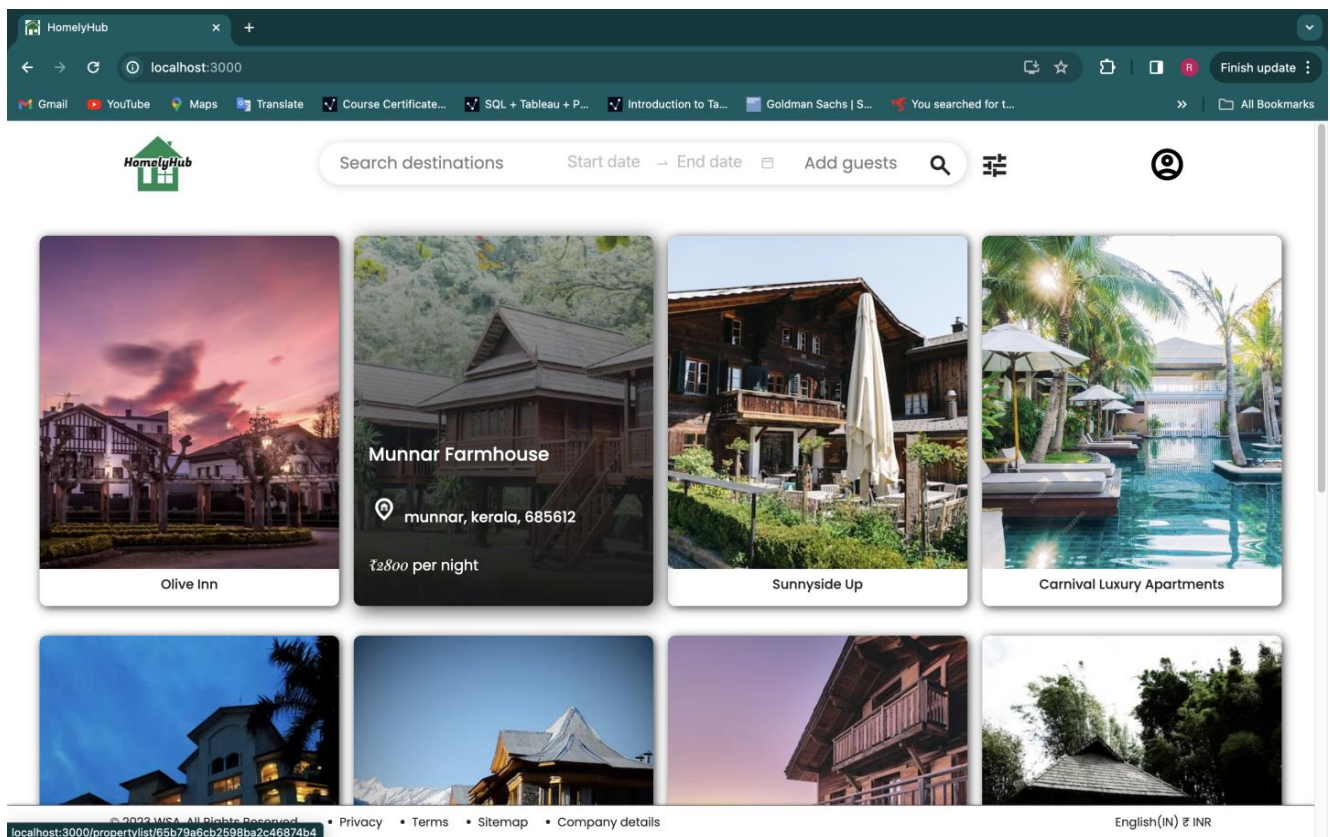


Fig 1: Home Page

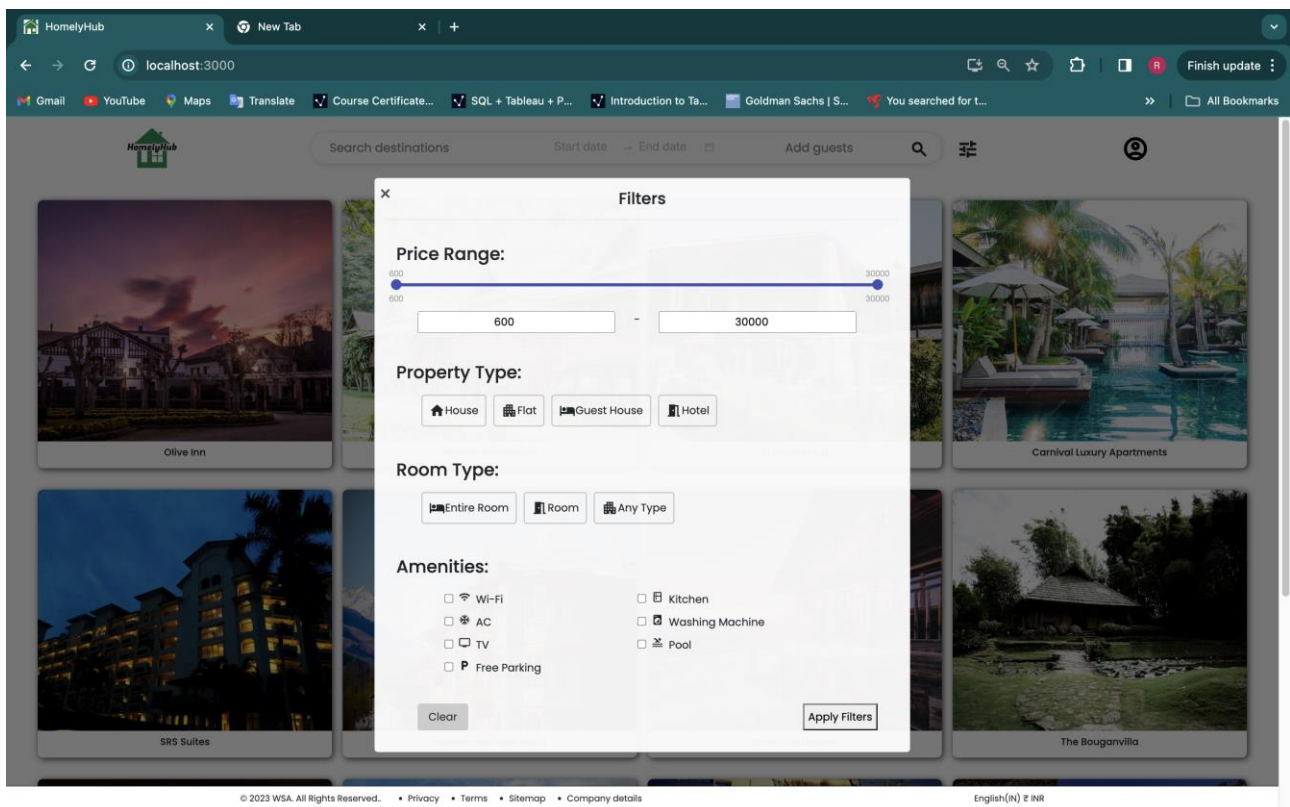


Fig 2: Filter

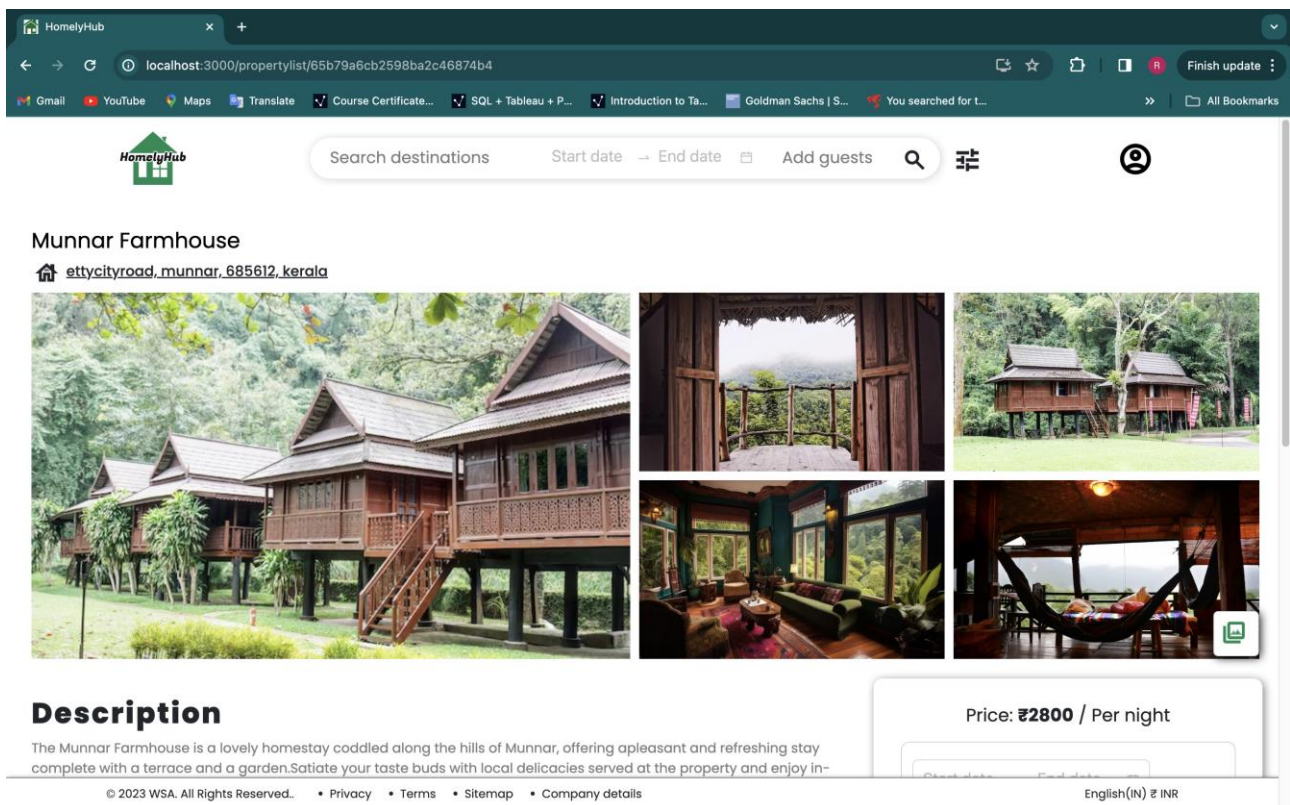




Fig 3: Property Details Page



 →







Description

The Munnar Farmhouse is a lovely homestay coddled along the hills of Munnar, offering apleasant and refreshing stay complete with a terrace and a garden.Satiate your taste buds with local delicacies served at the property and enjoy in-room dining.Soak up some fun on the terrace or spend some quality time with your loved ones in the garden.

Max number of guests : 8

What this place offers

 Wifi
  Free Parking

 Ac
  Washing Machine

Price: ₹2800 / Per night

→

Number of guests:

Your full name:

Phone Number:

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English(IN) ₹ INR



 →



 Ac
  Washing Machine

Phone Number:

Where you'll be



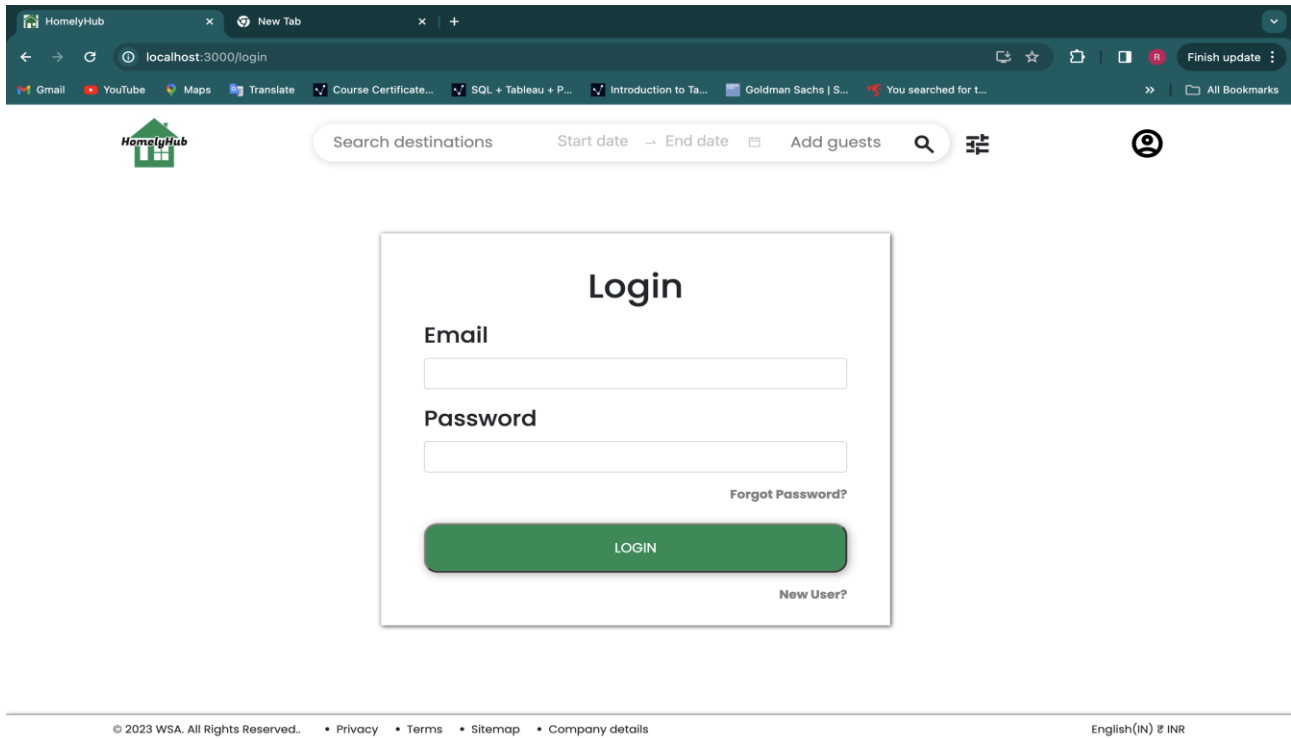
Extra Info

-Check-in time is 1pm & Check-out time is 10 am. Early check-in or late checkout is permitted based on availability and prior intimation. *Based on availability, early checkin is permitted from 10am onwards. If you wish to check-in before 10am, an early checkin fee will be applicable. *Late checkout is permitted based on availability and a fee may be applicable based on checkout time. Please contact host regarding the same.

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Fig 4 & 5: Property Details Page



The screenshot shows a web browser at localhost:3000/login. The page features a 'HomelyHub' logo with a house icon. A search bar at the top contains 'Search destinations', 'Start date', 'End date', and 'Add guests'. The main content area is a white box titled 'Login' with fields for 'Email' and 'Password'. A green 'LOGIN' button is at the bottom. Links for 'Forgot Password?' and 'New User?' are on the right. The footer includes copyright information and a language selector.

HomelyHub

Search destinations Start date → End date Add guests

Login

Email

Password

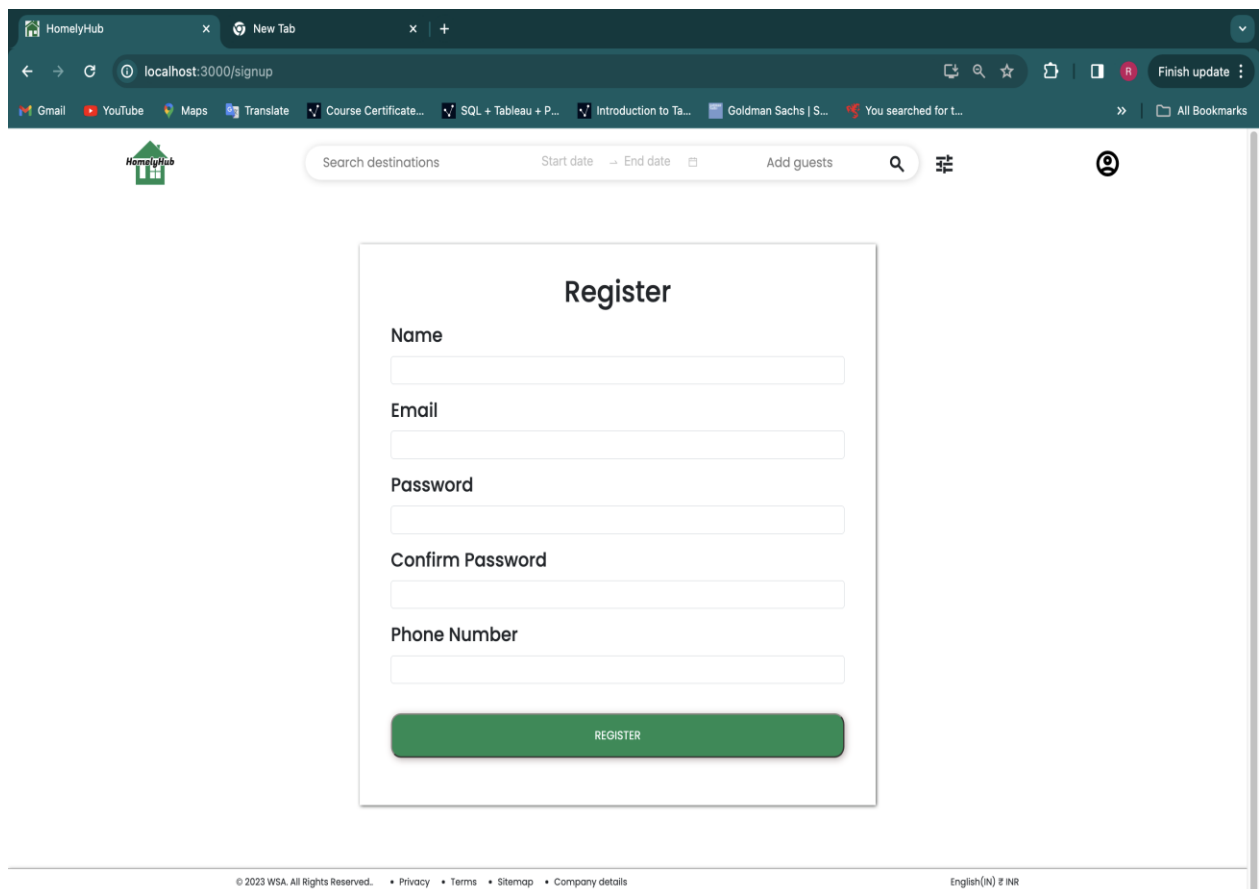
Forgot Password?

LOGIN

New User?

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Fig 6: Login Page



The screenshot shows a web browser at localhost:3000/signup. The page features a 'HomelyHub' logo with a house icon. A search bar at the top contains 'Search destinations', 'Start date', 'End date', and 'Add guests'. The main content area is a white box titled 'Register' with fields for 'Name', 'Email', 'Password', 'Confirm Password', and 'Phone Number'. A green 'REGISTER' button is at the bottom. The footer includes copyright information and a language selector.

HomelyHub

Search destinations Start date → End date Add guests

Register

Name

Email

Password

Confirm Password

Phone Number

REGISTER

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Fig 7: Signup Page

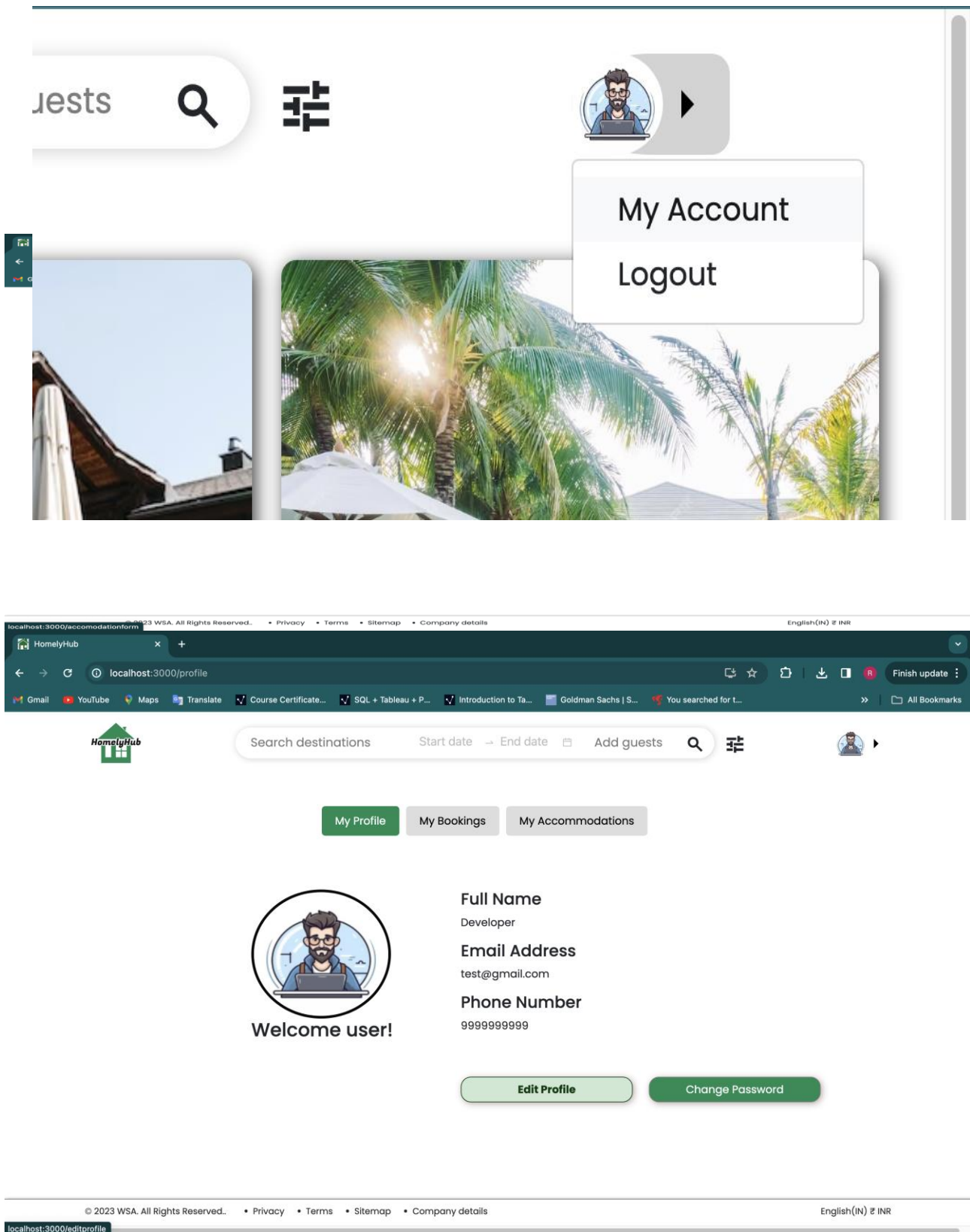


Fig 9: Profile Page

HomelyHub

localhost:3000/editprofile

Search destinations Start date → End date Add guests

Update Profile


Name

Developer

Phone Number

9999999999

Avatar*

 Choose Avatar (Image size should be less than 20 kb) Browse

Update

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Fig 10: Update Profile Page

HomelyHub

localhost:3000/payment/65b79a6cb2598ba2c46874b4

Search destinations Start date → End date Add guests

Payment Page

Card Number

1234 1234 1234 1234

Card Expiry

MM / YY

Card CVC

CVC

Pay - 2800

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Fig 11: Payment Page

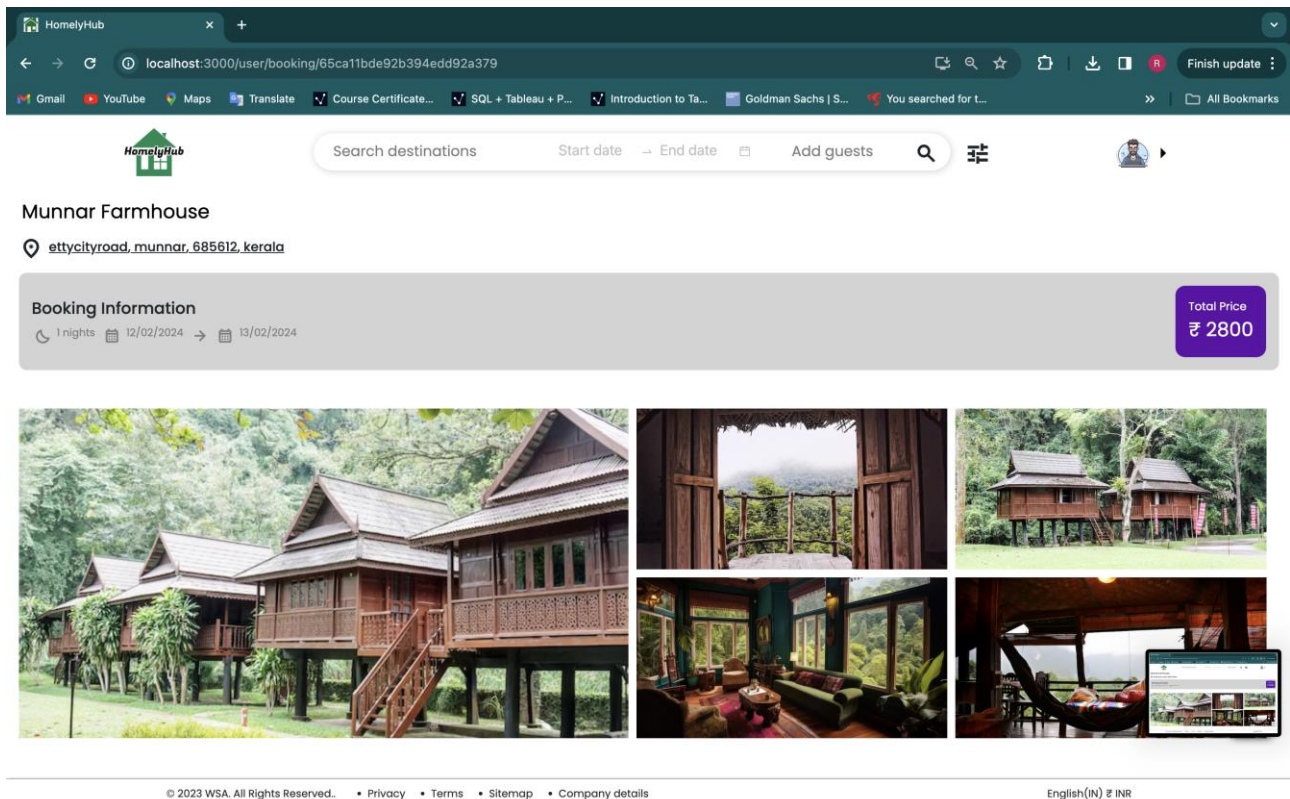


Fig 12: Booking Detail Page

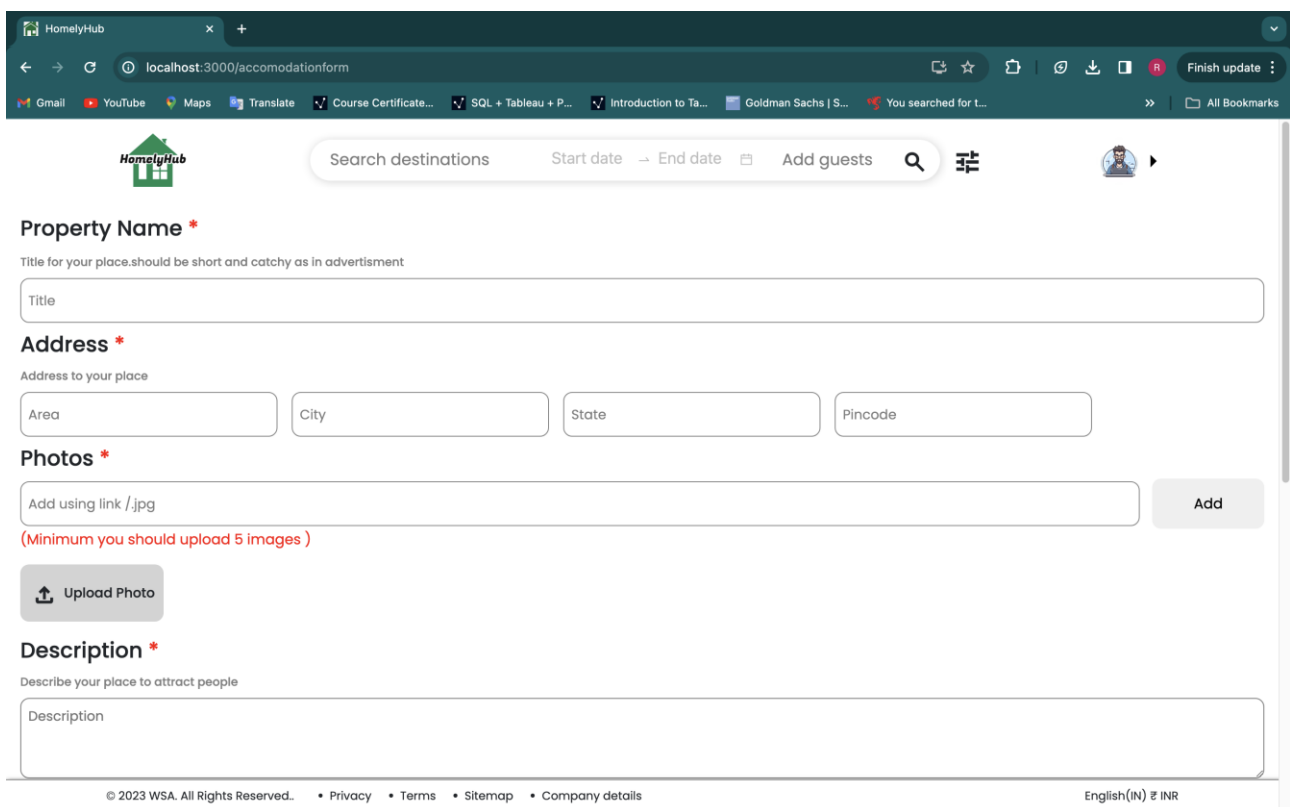
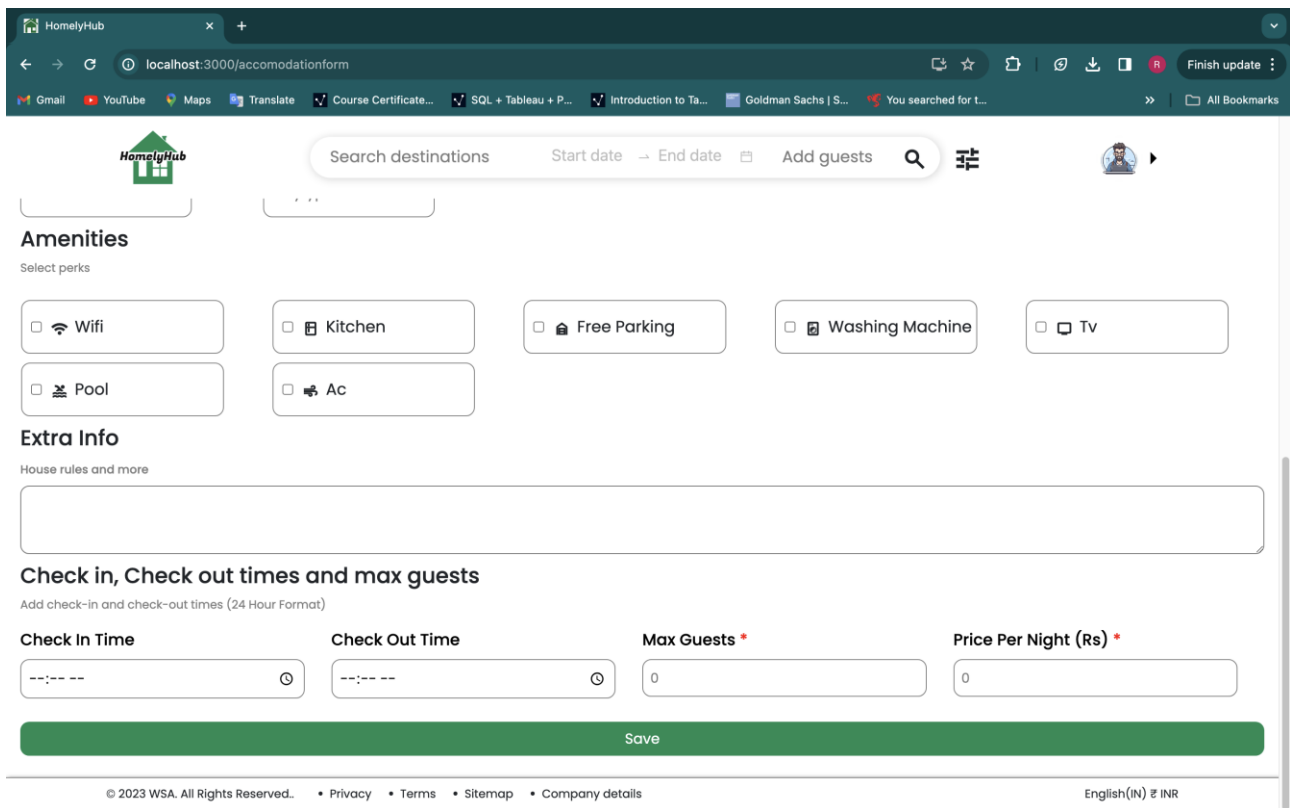


Fig 13: Accommodation Page



HomelyHub

localhost:3000/accommodationform

Search destinations Start date → End date Add guests

Amenities
Select perks

☐ Wifi ☐ Kitchen ☐ Free Parking ☐ Washing Machine ☐ TV

☐ Pool ☐ Ac

Extra Info
House rules and more

Check in, Check out times and max guests
Add check-in and check-out times (24 Hour Format)

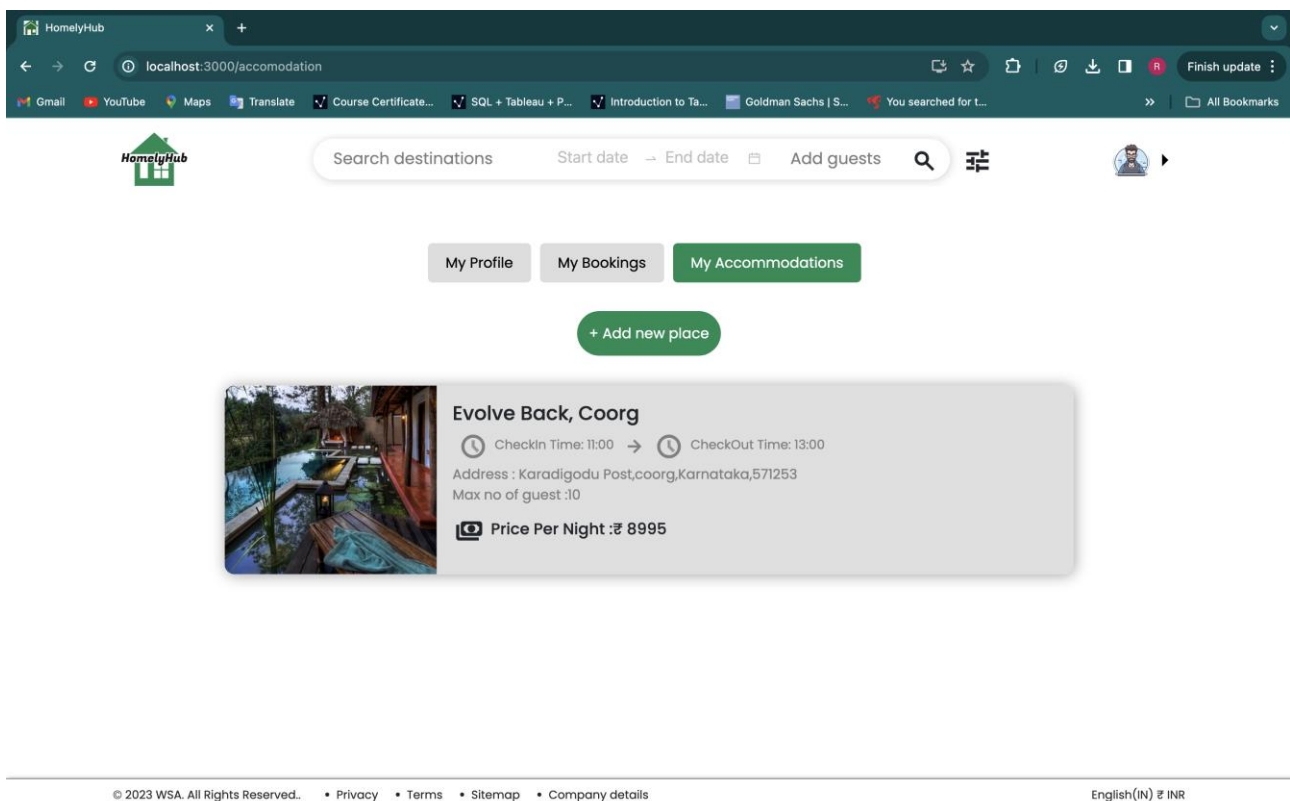
Check In Time Check Out Time Max Guests * Price Per Night (Rs) *

---:--:-- ---:--:-- 0 0

Save

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Fig 14: Accommodation Page



HomelyHub

localhost:3000/accommodation

Search destinations Start date → End date Add guests

My Profile My Bookings My Accommodations

+ Add new place

Evolve Back, Coorg

Checkin Time: 11:00 → Checkout Time: 13:00

Address : Karadigodu Post,coorg,Karnataka,571253

Max no of guest :10

Price Per Night :₹ 8995

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Fig 15: Lists of Accommodation

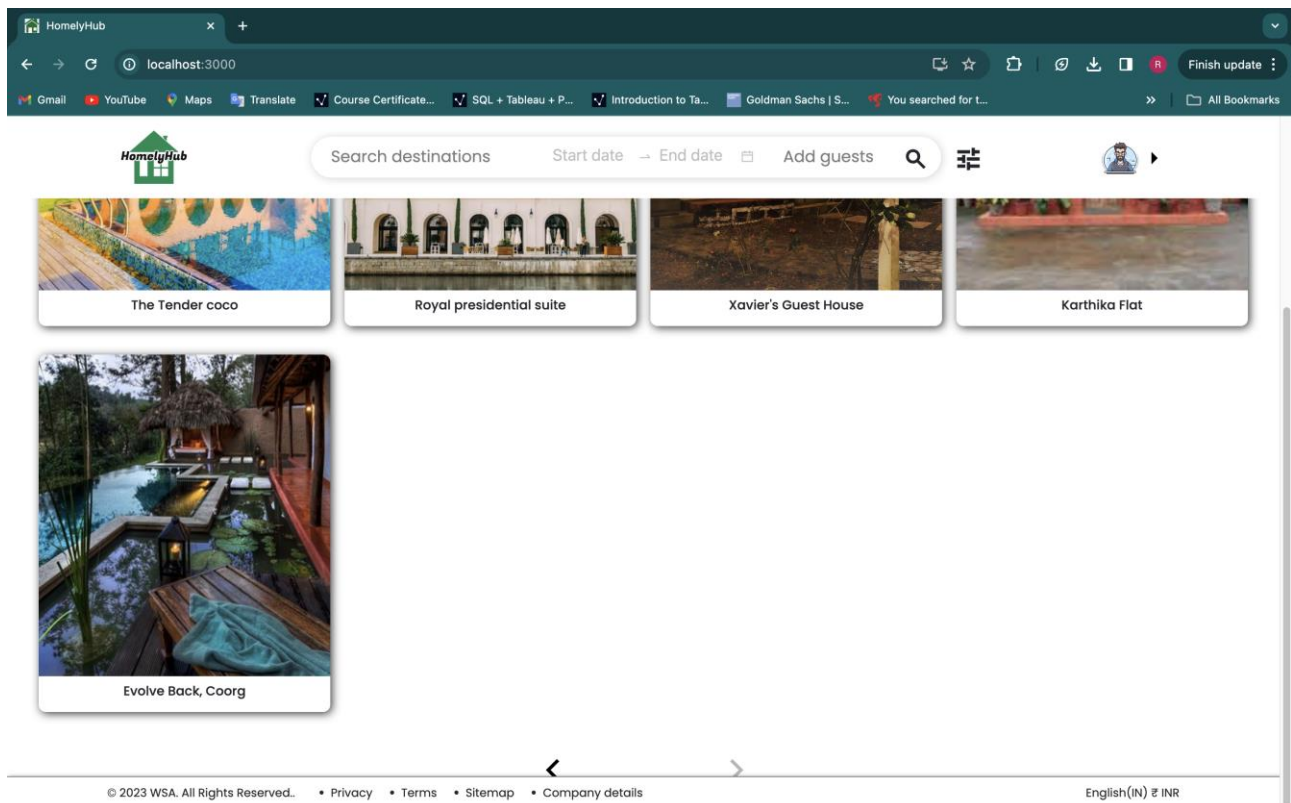


Fig 16: Accommodation showing in property Page