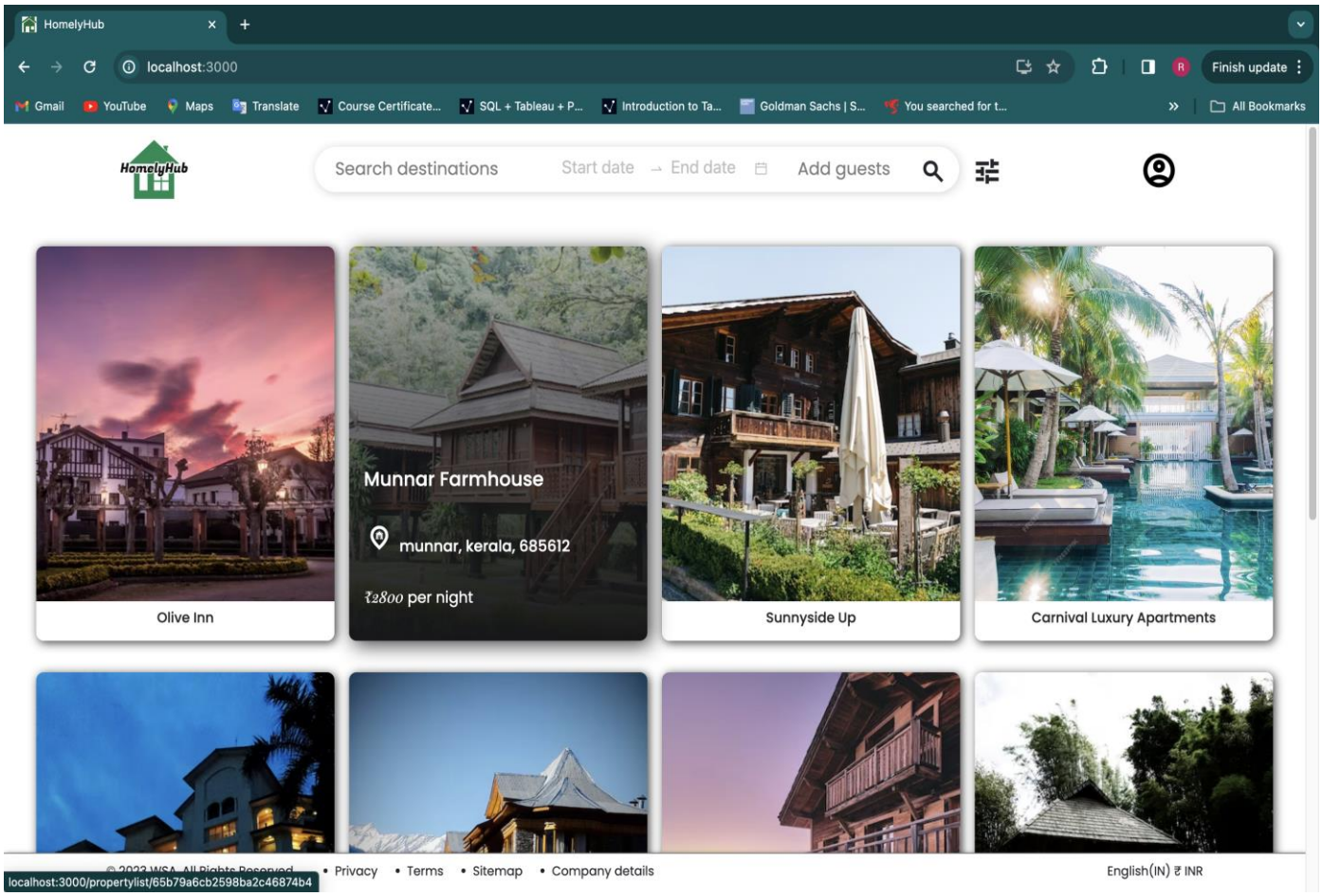
HomelyHub app using MERN Stack

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

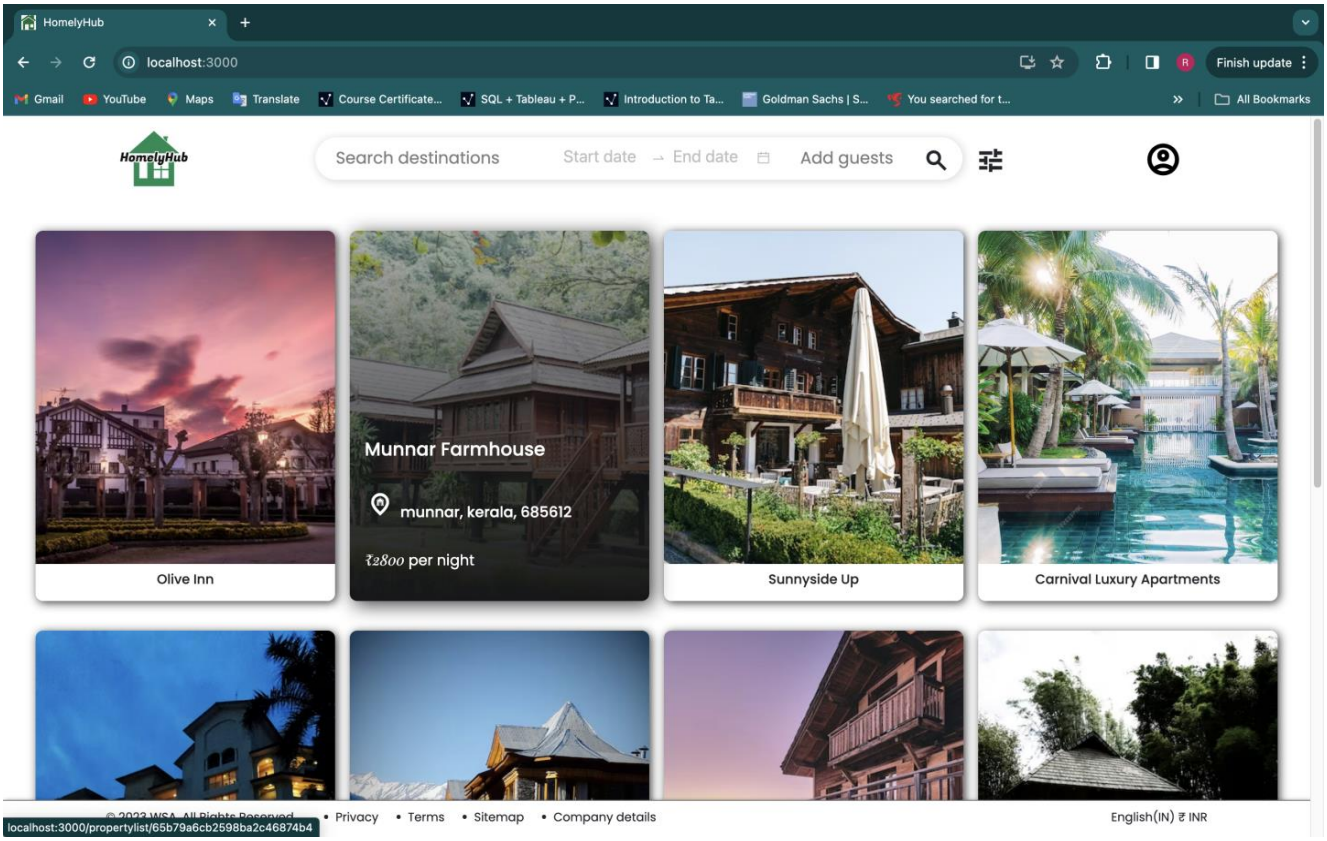


Fig 1: Home Page

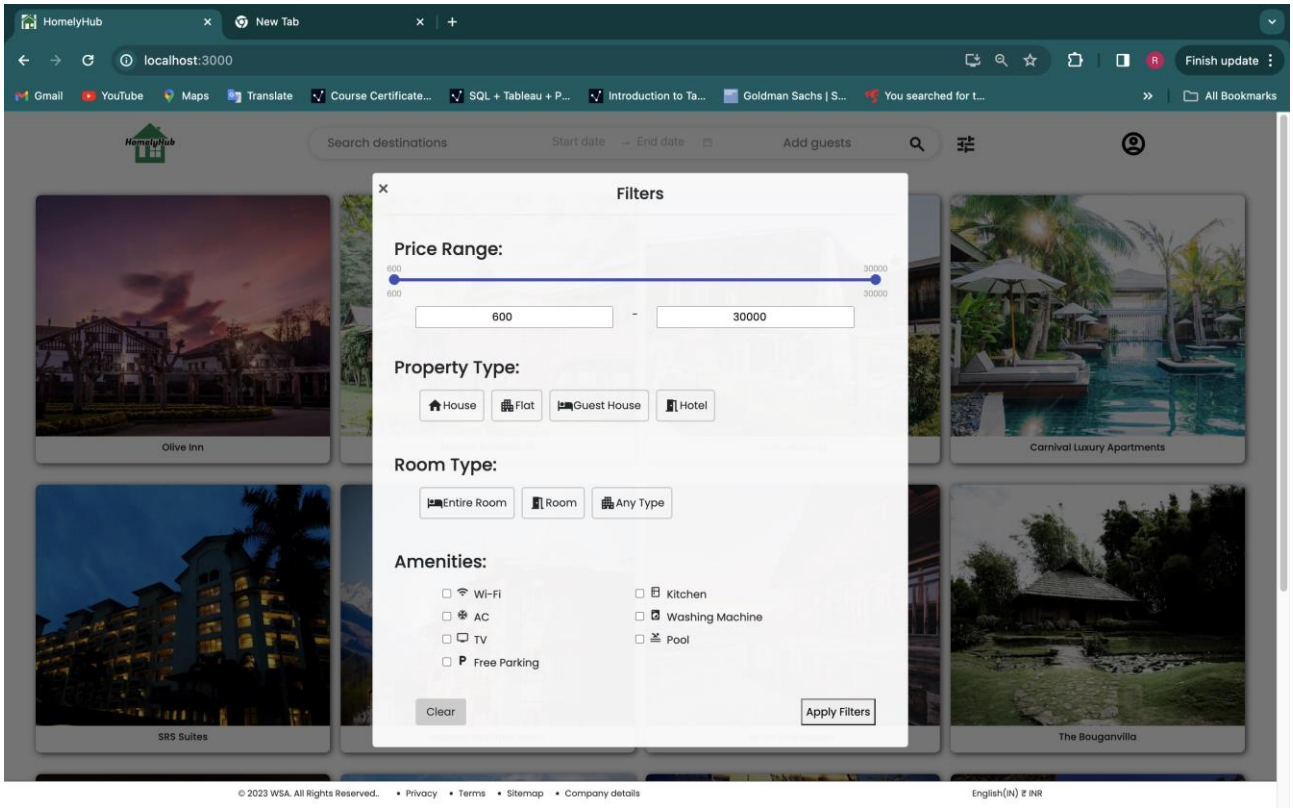


Fig 2: Filter

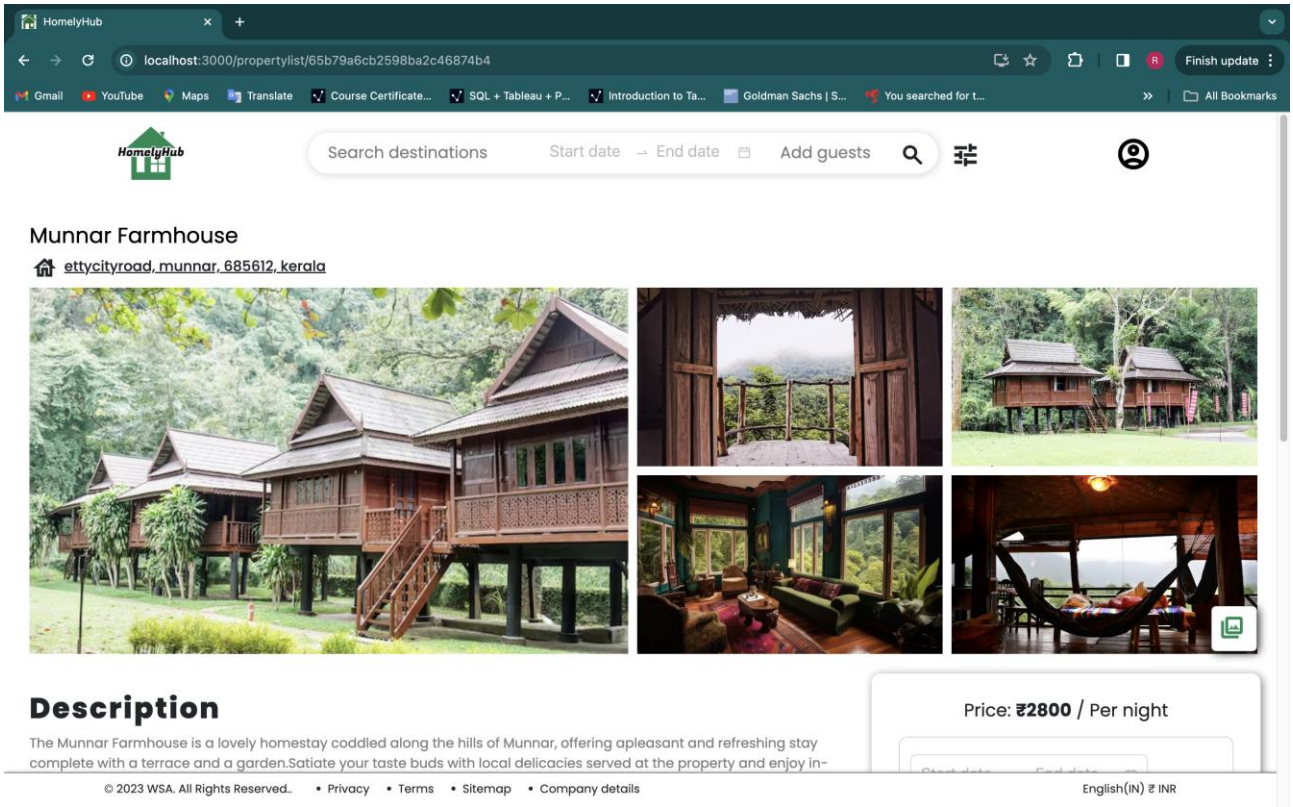
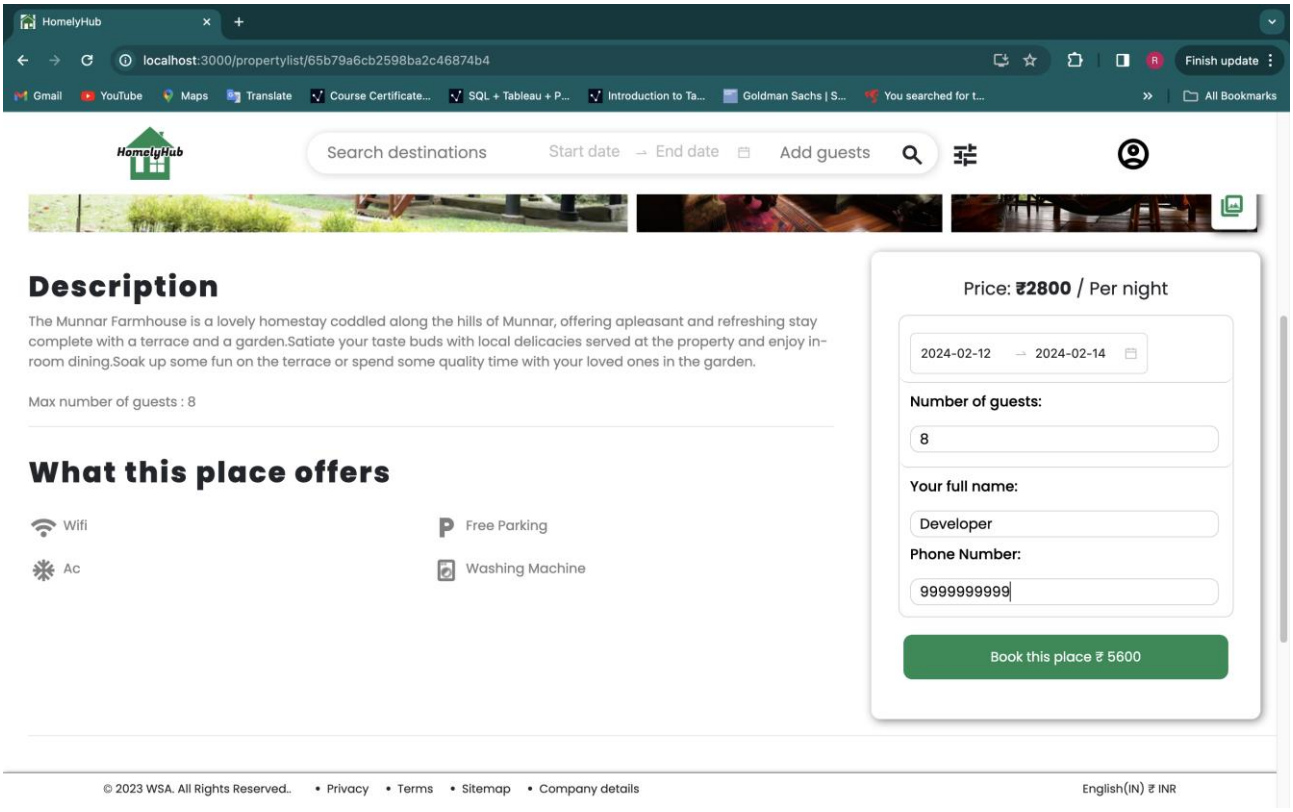


Fig 3: Property Details Page



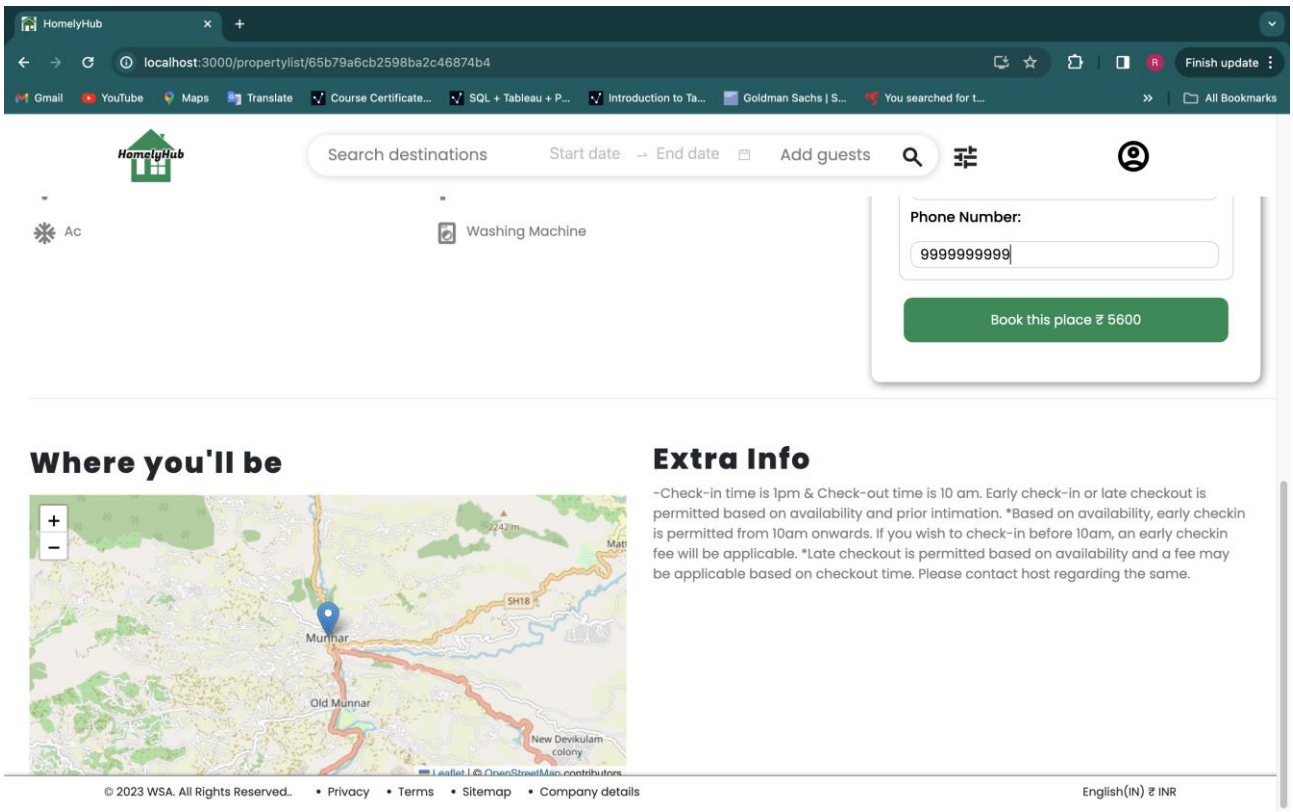


Fig 4 & 5: Property Details Page

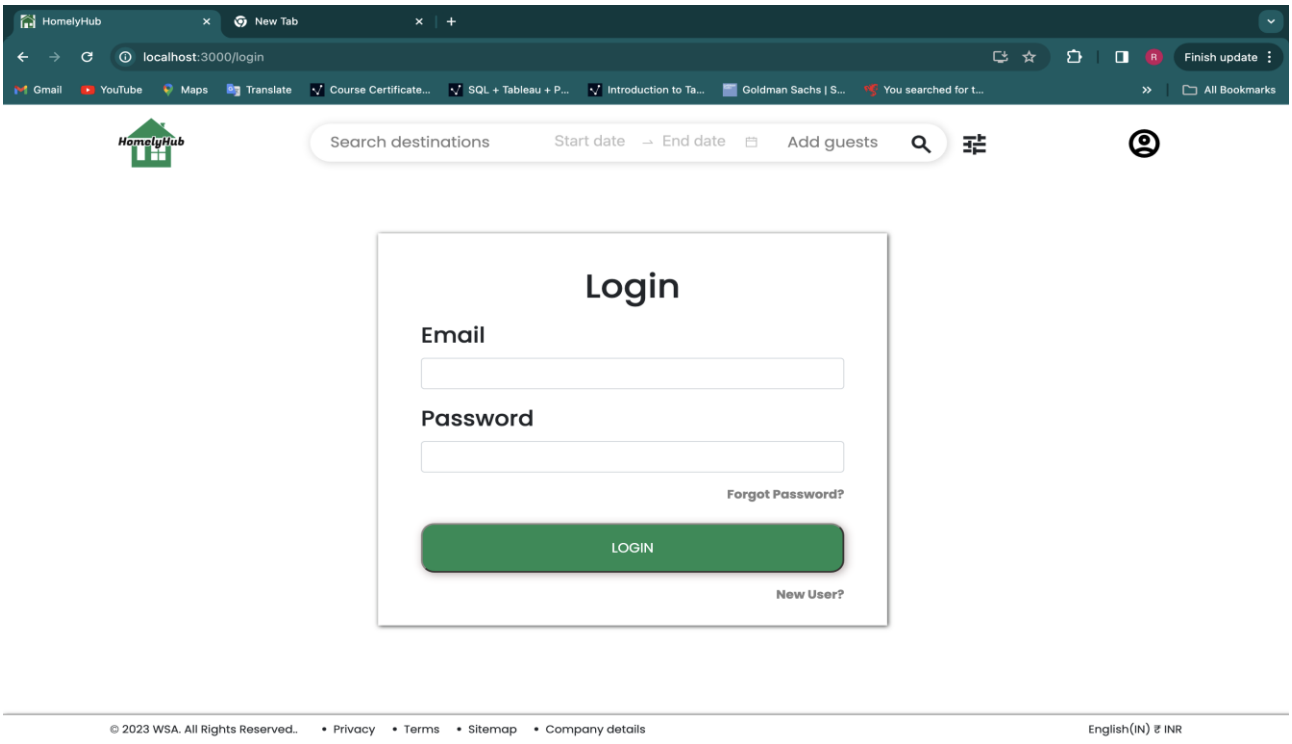


Fig 6: Login Page

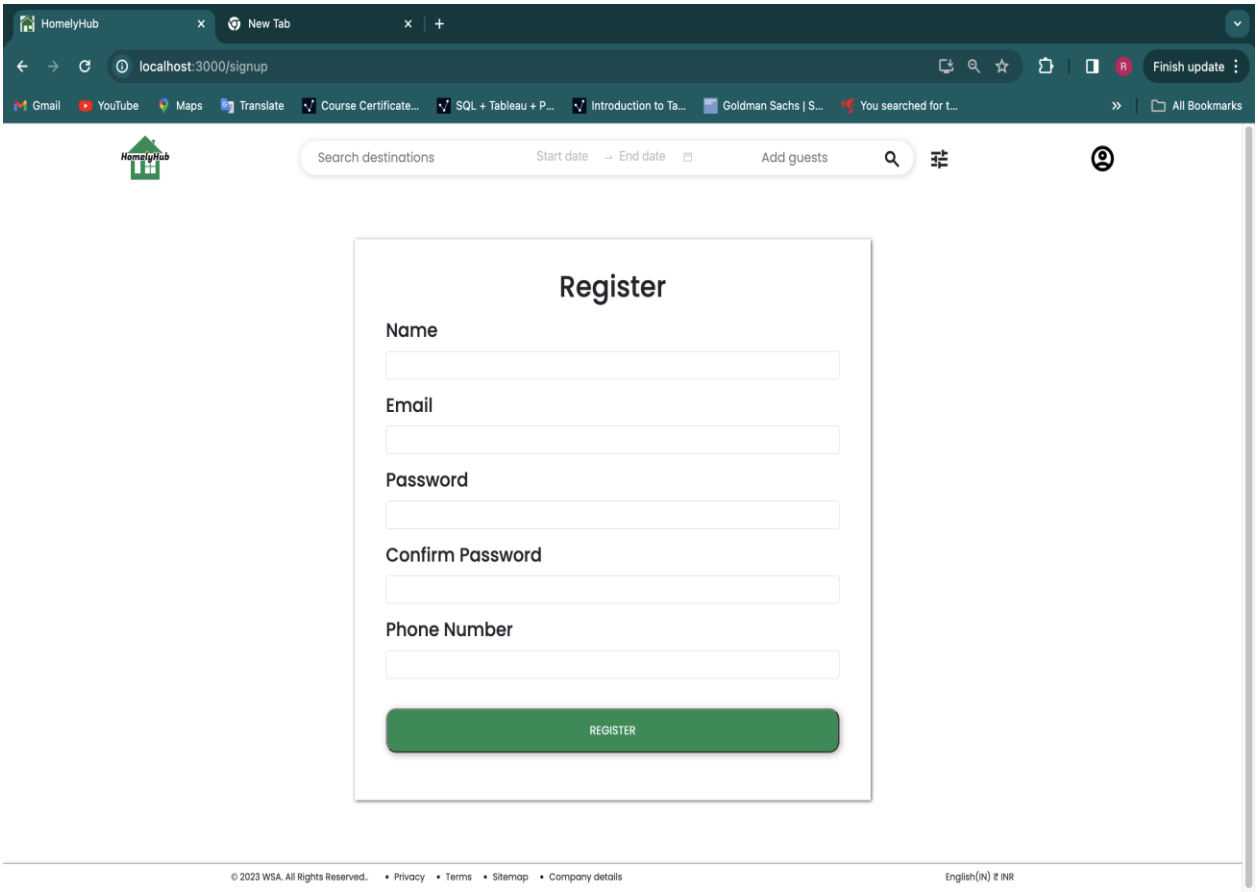


Fig 7: Signup Page

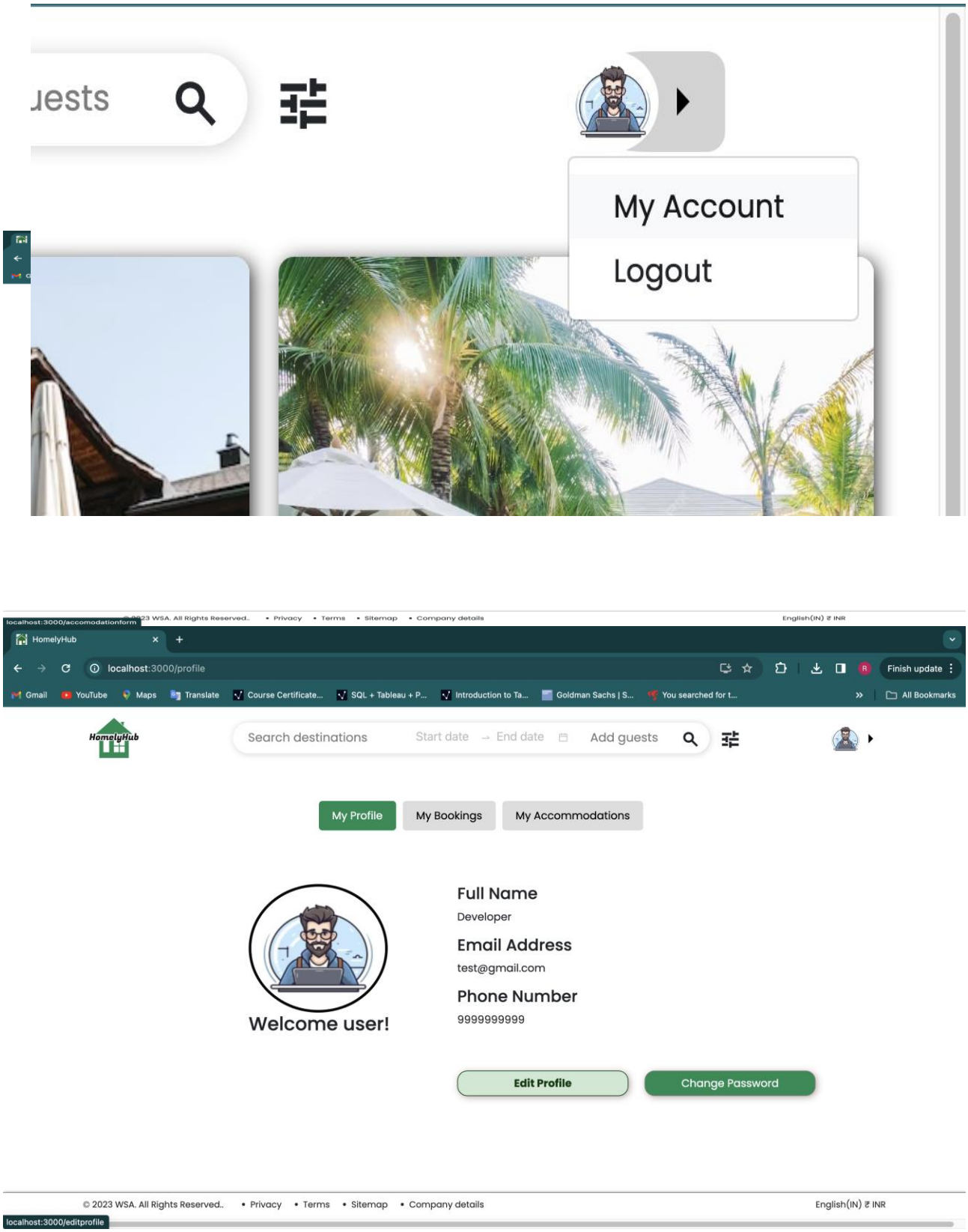


Fig 9: Profile Page

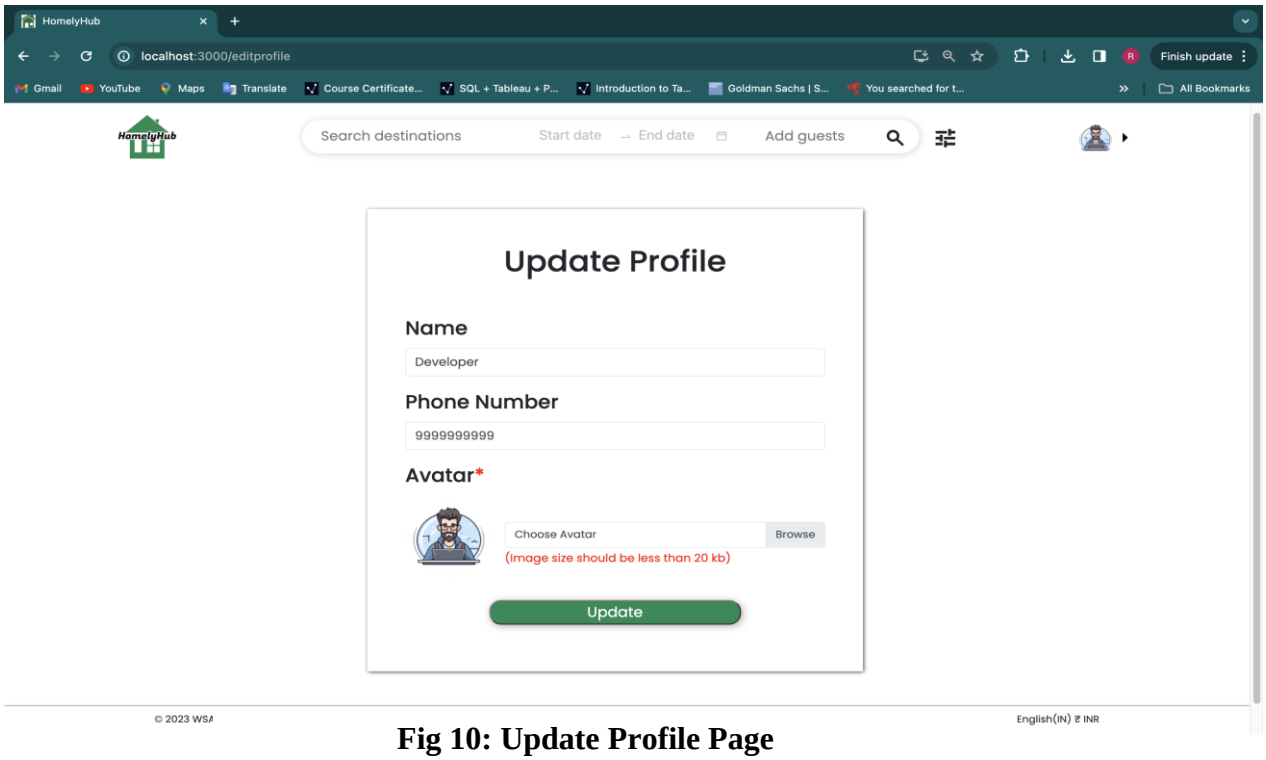


Fig 10: Update Profile Page

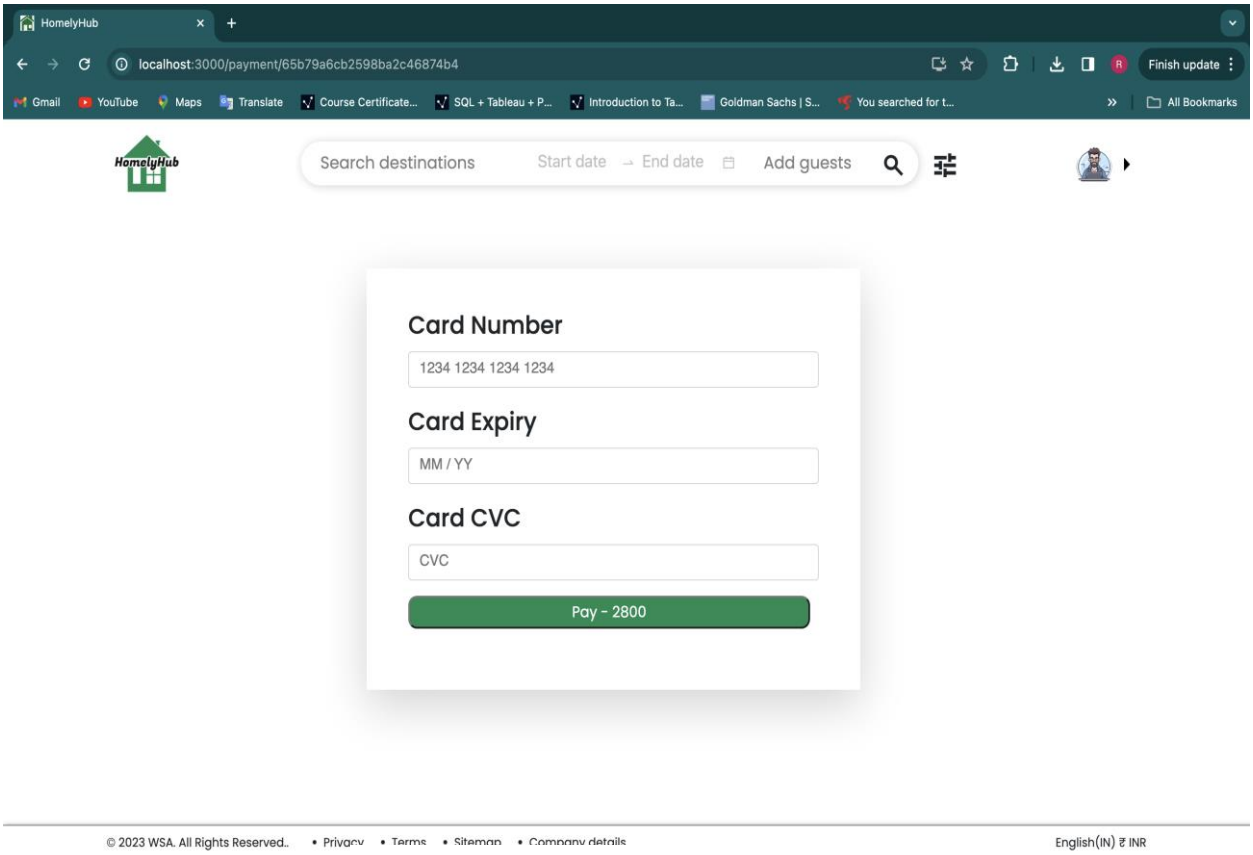


Fig 11: Payment Page

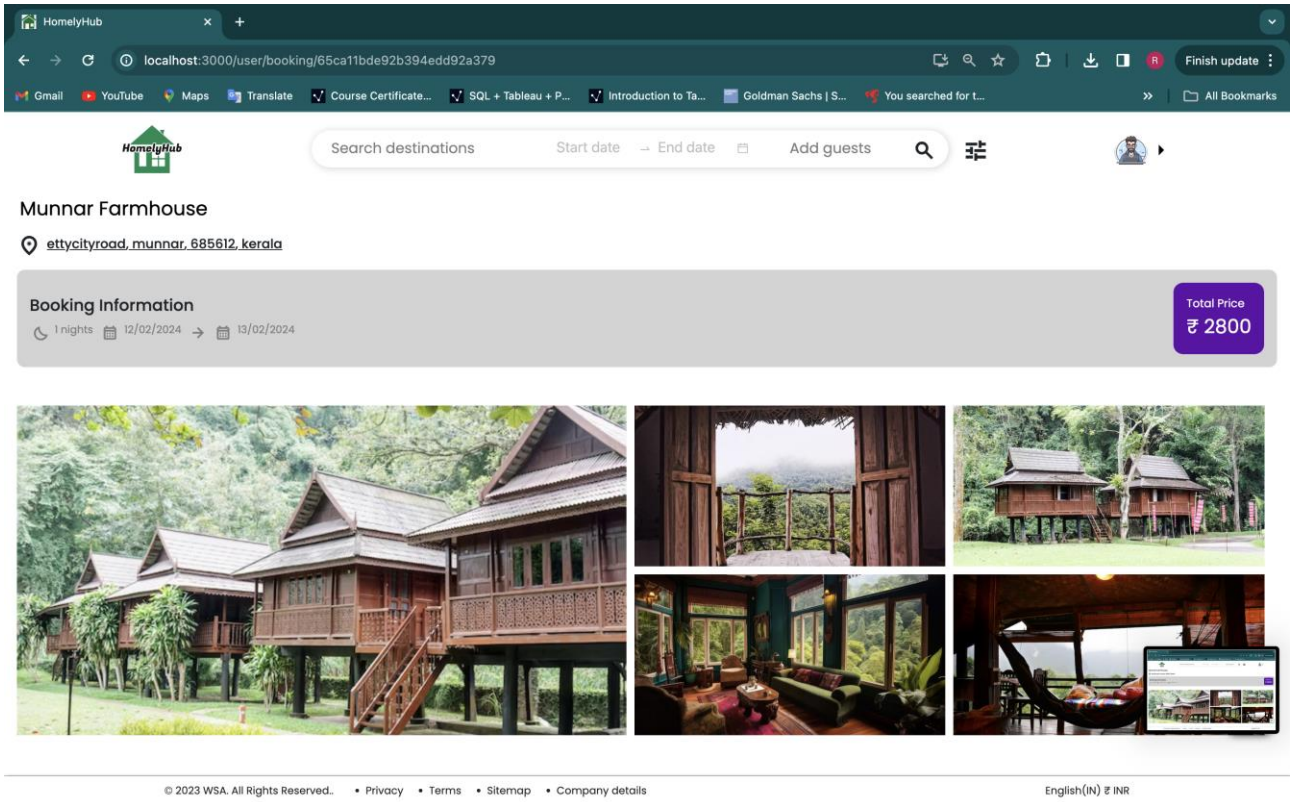


Fig 12: Booking Detail Page

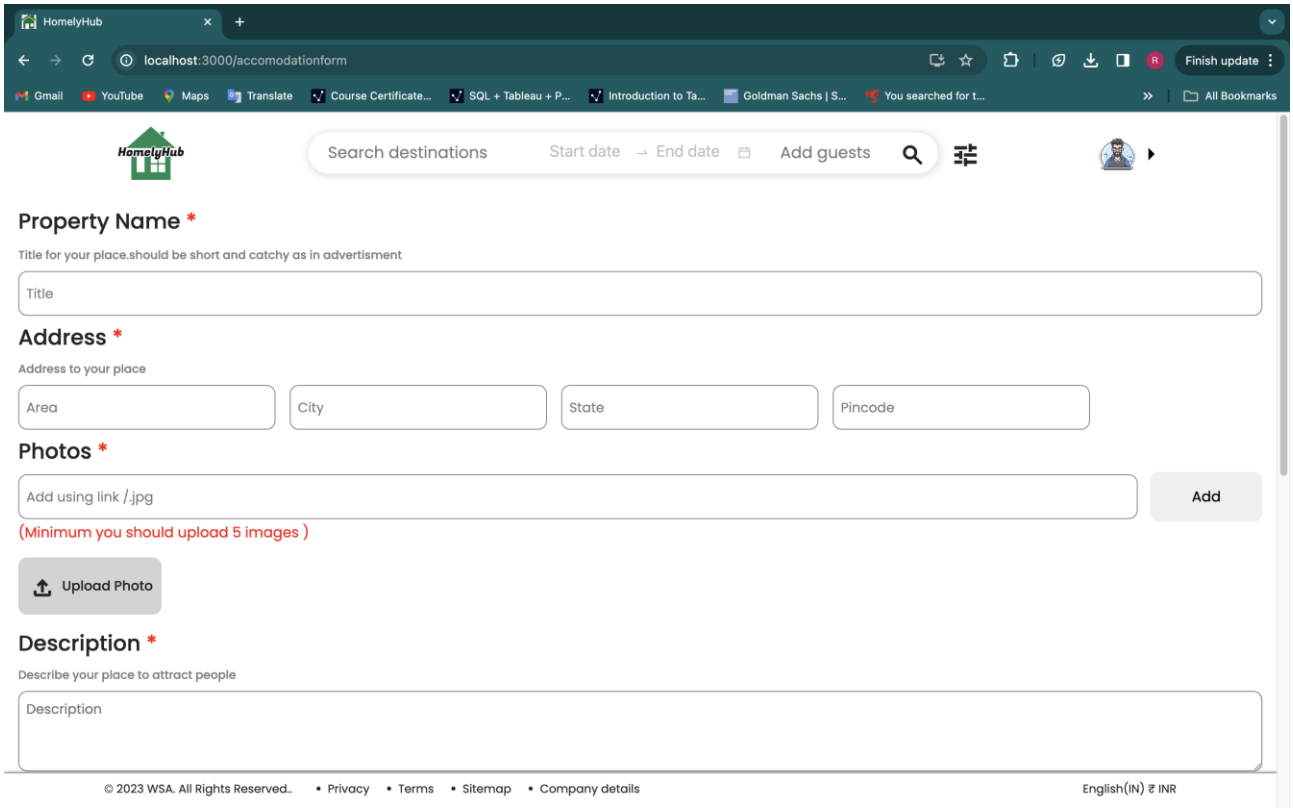


Fig 13: Accommodation Page

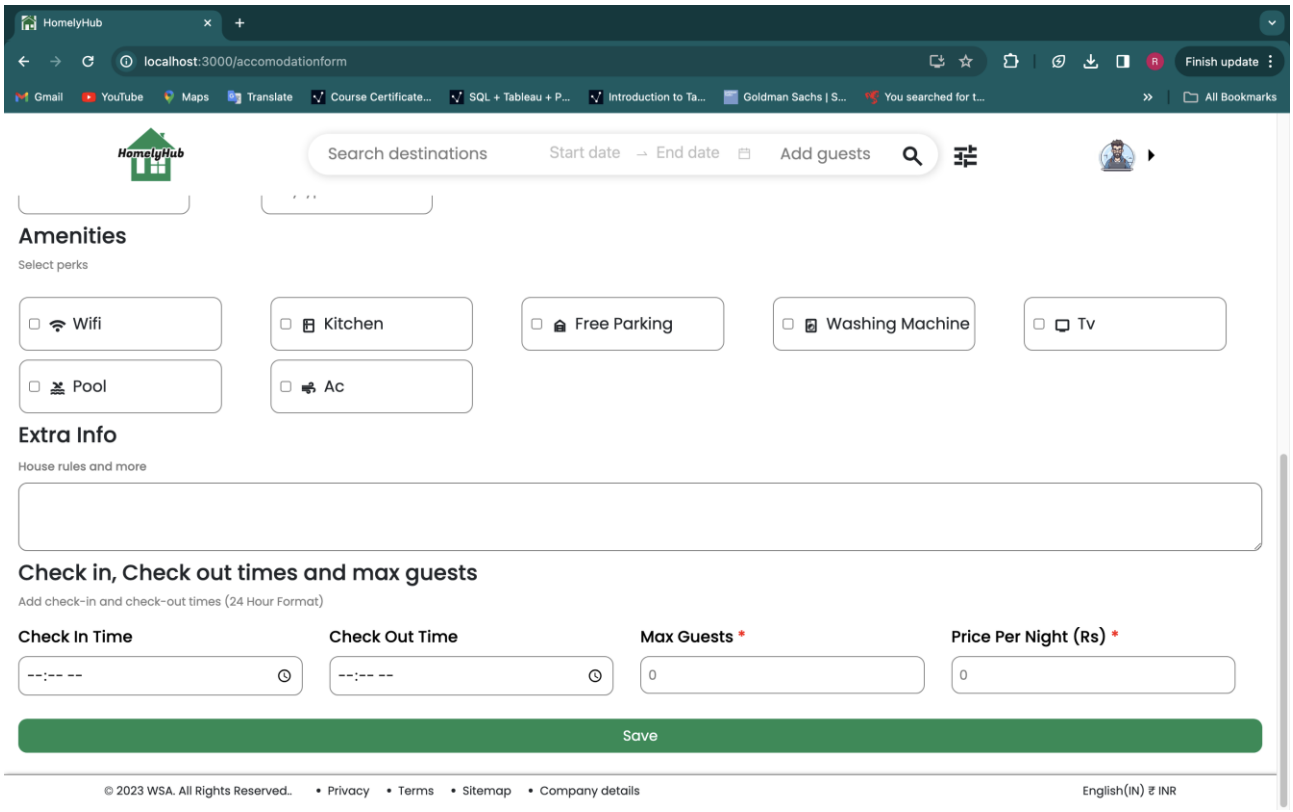


Fig 14: Accommodation Page

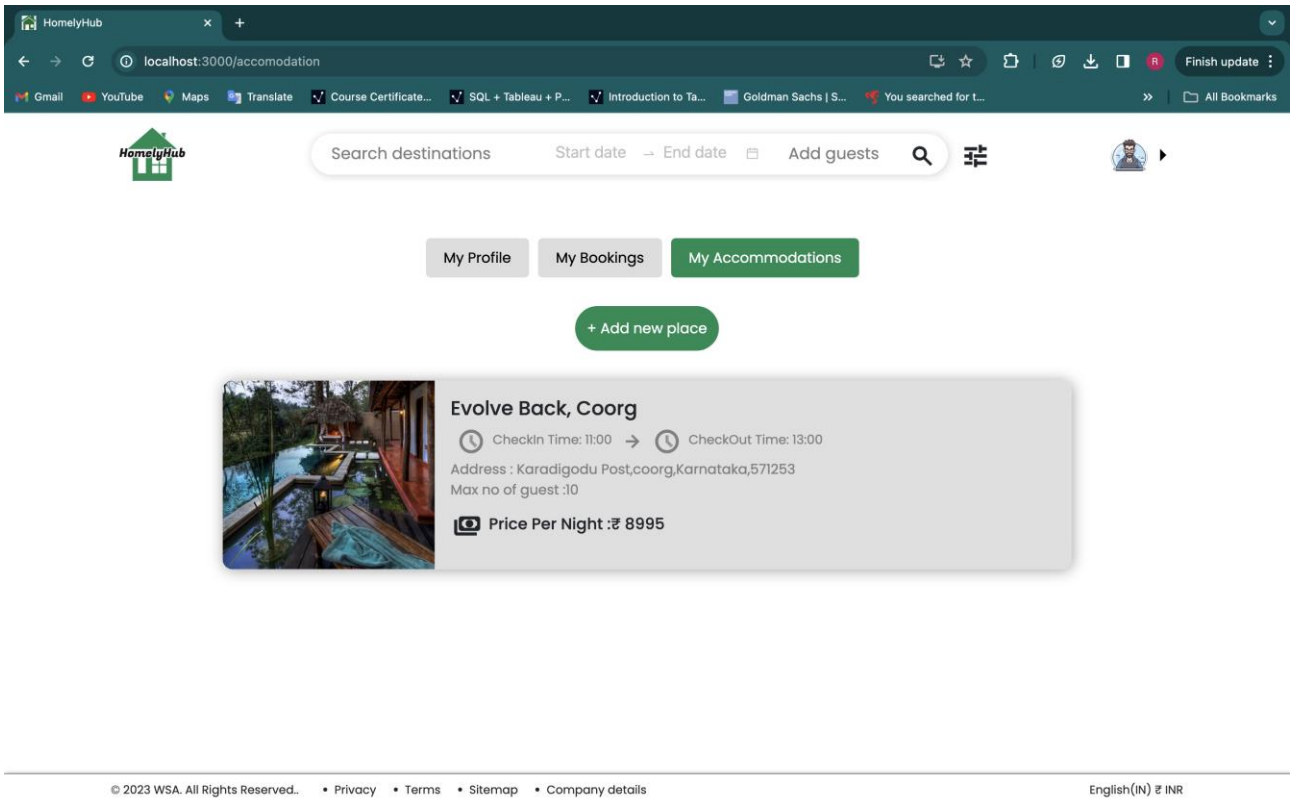


Fig 15: Lists of Accommodation

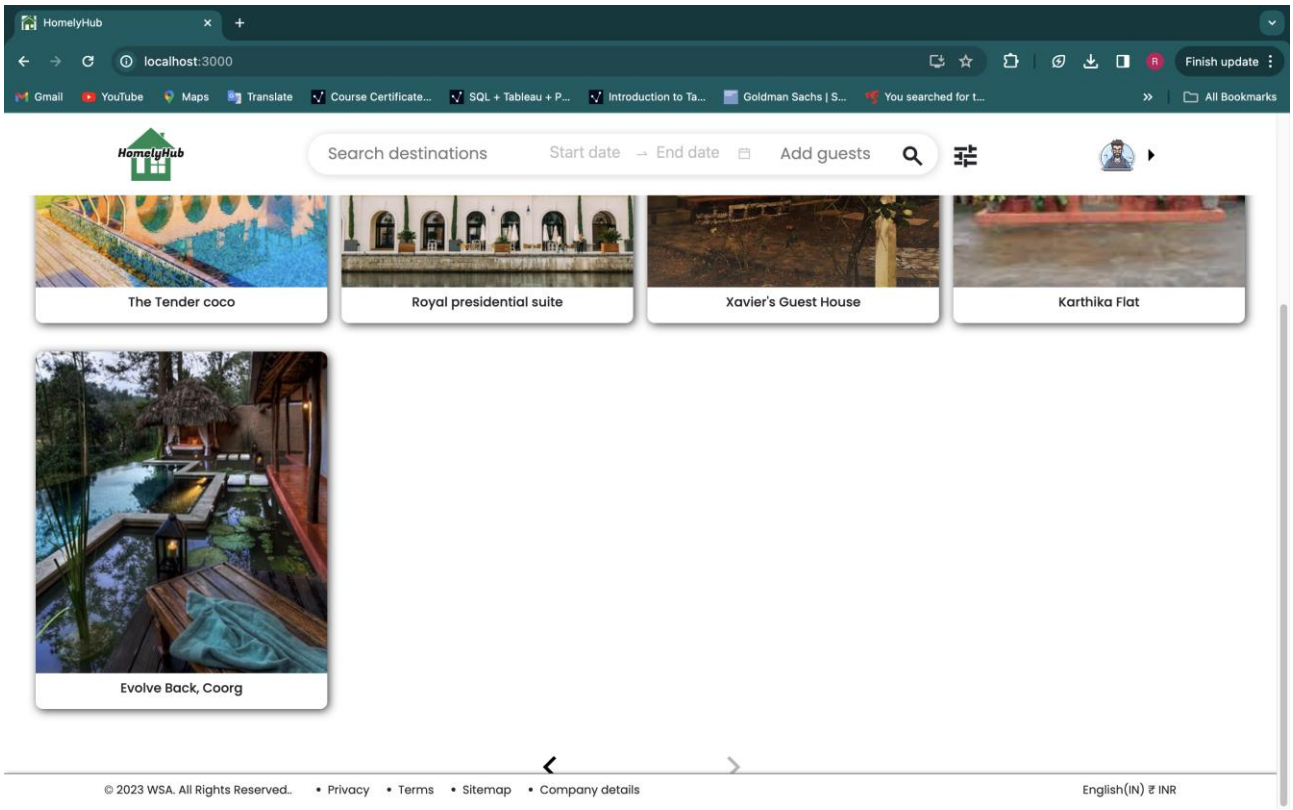


Fig 16: Accommodation showing in property Page