Homi App

The Room Rental App with Billing and Complaint Management is a mobile application built using React Native and Redux that simplifies the process of renting rooms or accommodations. The app provides a convenient platform for both room owners and tenants, allowing room occupants to receive bills and make payments directly through the app. It also enables users to report complaints or issues related to their rented rooms, facilitating efficient communication and problem resolution.
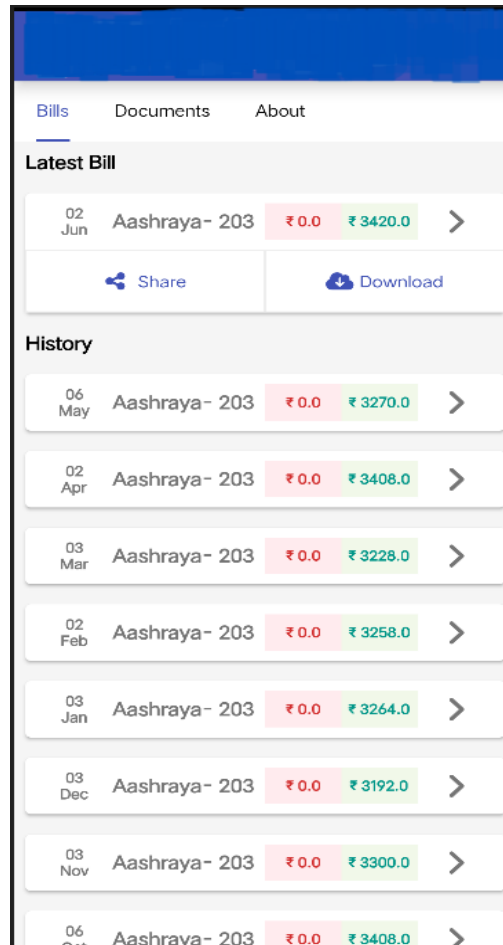
Key Features and Functionalities:

1. *User Registration and Authentication:*

- Secure user registration and login functionality.

- User authentication using tokens or session management.

- Password reset and account management features.

2. *Room Listing and Booking:*

- Display a list of available rooms with relevant details, such as location, price, amenities, and room type.

- Ability for users to book rooms directly through the app, subject to owner approval.

- Real-time availability updates to ensure accurate room status.

3. *Billing and Payment Management:*

- Generation of bills and invoices for each room occupant based on the rental period and agreed-upon terms.

- Integration with payment gateways to facilitate secure and convenient online payments.

- Payment reminders and notifications for upcoming or overdue bills.

- Option to view payment history and receipts within the app.

4. *Complaint and Issue Reporting:*

- Dedicated functionality for users to report complaints or issues related to their rented rooms.

- Ability to attach images or additional information to provide context for the complaint.

- Real-time notifications and updates on the complaint status.

Bills	Documents	About

Property Details:

Property Name	Aashraya
Address	sector 9 CDA Cuttack Odisha India

Property Owner Details:

Owner Name	
PAN	

Rent Details:

Rent	₹ 3000.0
Maintenance	₹ 120.0
Rent Cycle	Monthly

Electricity:

Electricity Type	Sub-metered

Late Fees:

- Communication channel between users and room owners for issue resolution.

5. *Occupancy Management:*

- Track and manage room occupancy status, indicating whether rooms are vacant or occupied.

- Timely updates on room availability to help potential tenants make informed decisions.

- Automated notifications to room owners when rooms become vacant or are about to become vacant.

6. *User Profiles and Preferences:*

- User profiles with personal information, rental history, and payment details.

- Personalized notifications and recommendations based on user preferences.

- Ability to update profile information and manage notification preferences.

7. *Analytics and Reporting:*

- Collection and analysis of payment data, occupancy rates, and complaint trends.

- Generation of reports and insights to help room owners optimize their rental operations.

8. *Security and Privacy:*

- Implementation of secure protocols and encryption to protect user data and payment information.

- Privacy controls to ensure compliance with data protection regulations.

9. *Maintenance and Support:*

- Ongoing maintenance and support to ensure the app's optimal performance and functionality.

- Regular updates and bug fixes to address any issues or enhancements.

- Responsive customer support to address user inquiries or technical difficulties.

Technologies Used:

- React Native: For cross-platform mobile app development.

- Redux: For state management and data flow.

- React Navigation: For seamless navigation within the app.

- Firebase or Node.js: For backend services, real-time messaging, and user authentication.

- Payment Gateway Integration: Razor pay payment gateways.