**PROJECT ABSTRACT**

**SUBMITTED BY,**

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**ROLL NO:23**

**MINI PROJECT**

**Topic: Property Rental Platform**

The "Property Renting Platform" mini project proposes the development of an intuitive and effective online platform geared towards bridging the gap between property owners and potential tenants in the realm of property rentals. In today's fast-paced urban environment, where property rentals are increasingly in demand, this project endeavors to create a comprehensive solution that addresses the challenges faced by property owners and prospective tenants alike.

Properties: Apartments,Houses,Commercial Spaces,P G etc…

**Modules with Functionalities**

**Admin Module:**

Admins have privileged access and control over various aspects of the platform to ensure smooth operations and user satisfaction. Key functionalities include:

**User Management:** Admins can manage user accounts, including verification, suspension, and deletion of accounts if necessary.

**Property Management:** Admins can review and approve property listings.

**System Maintenance:** Admins can monitor and maintain the technical aspects of the platform, ensuring uptime and resolving technical issues.

**Transaction Fees:** The admin can charge a small transaction fee for processing payments securely through the platform.

**Buyers (Tenants) Module:**

The Buyers module is designed to cater to individuals seeking properties for rent.

**User Registration and Profile:** Tenants can create accounts, set preferences, and manage their profiles.

**Property Search:** Tenants can search for properties based on various filters such as location, price range, property type, and amenities.

**Property Details:** Tenants can view detailed property listings, including descriptions, images, floor plans, and rental terms.

The terms according to the property (if with house,for commercial purpose,plot/land(agriculture purpose,construction etc..))

**Communication:** Tenants can initiate communication with property owners to inquire about details or arrange viewings.

**Booking and Payments:** Tenants can initiate the rental process, schedule viewings, and make payments securely through the platform. An agreement is placed b/w buyers and property owners to avoid any fraud practises.

**Property Owners Module:**

The Property Owners module empowers individuals who have properties available for rent to list them on the platform and manage their interactions with potential tenants.

**Property Listing:** Property owners can create detailed listings with descriptions, images, amenities, and rental terms.

**Profile Management:** Property owners can manage their profiles, including contact information and property portfolio.

**Communication:** Property owners can receive inquiries from tenants, respond to questions.

**Tenant Screening:** Property owners can review tenant profiles, before approving rental requests.

**Rent Collection:** Property owners can manage rental payments and security deposits through integrated payment gateways.(Notifications)

Guest User

. Property Listings: Guest users can browse and view the available property listings on the platform. They can see thumbnail images, short descriptions, locations, and basic rental information for each property.

. Property Details: Guests can click on a property listing to access more details about the property, including high-quality images, descriptions, floor plans (if available), and essential rental terms such as monthly rent and security deposit.

**Main Project**

**Adding the functionality of Selling the Properties also in the platform,Buyer to third party.**

The property owners can sell their properties to the potential buyers.

**Admin Module:**

**Advanced Analytics Dashboard:** Develop a comprehensive analytics dashboard for admins to track platform performance, user engagement, popular property types, and other relevant metrics.

**Automated Property Approval:** Implement machine learning algorithms to automatically approve or reject property listings based on content quality and compliance with platform guidelines.

**Subscription Plans:** Admins can introduce subscription plans for property owners who want to list multiple properties or access advanced features.

**Property Owners Module:**

**Advanced Listing Management:** Allow property owners to manage multiple properties from a single dashboard, with features for bulk editing, pricing optimization, and availability management.

**Buyers (Tenants) Module:**

**Advanced Search Filters:** Expand search options to include more detailed filters like property age, proximity to landmarks, transportation options, and eco-friendly features