

**ABSTRACT**  
**MAINPROJECT**  
**-: Property Rentals**

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The "Property Renting Platform" main project aims to modernize the property rental experience by incorporating advanced technologies like machine learning . With a focus on meeting the growing demand for efficient property solutions, this platform will revolutionize the way property owners and tenants connect. The goal is to create a user-friendly and data-driven system that simplifies decision-making for both property owners and tenants, making the rental process more intuitive and effective.

### **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.

**Communication Management:** Monitor and facilitate communication between property owners and tenants. Implement tools for notifications.

### **Property Owners Module:**

**Bulk Editing:** Enable property owners to perform bulk edits on multiple listings simultaneously. Streamline processes such as updating pricing or availability across multiple properties.

**Communication Tools:** Facilitate communication with potential tenants through messaging features. Receive and respond to inquiries about properties.

**Availability Management:** Manage and update the availability status of properties.

**Transaction History:** View and manage the financial transactions related to property rentals.

Track rental payments, deposits, and other financial interactions.

### **Tenant Module:**

**Notification Preferences:** Enable tenants to customize their notification preferences for property updates, rent reminders, and other relevant information.

**Feedback and Ratings:** Allow tenants to provide feedback and ratings for properties and landlords. Use reviews to improve the overall quality of listings and services.

**Communication with Property Owners:** Implement a messaging system for direct communication between tenants and property owners. Facilitate discussions about property details, lease terms, and other inquiries.

### **Service Providers Module:**

**Service Provider Registration and Profile:** Service providers can create accounts, provide details about their services, and manage their profiles. Include information such as the type of services offered, service areas, availability, and contact details.

**Service Listing:** Service providers can create detailed listings for their services, including descriptions, pricing, and any certifications or qualifications. Specify the types of properties they specialize in (residential, commercial, etc.) or the specific services they offer (maintenance, cleaning, legal services, etc.).

**Service Availability and Scheduling:** Service providers can set their availability and schedule appointments for property visits or service delivery. Include a calendar feature to help property owners and tenants see when a service provider is available.

**Service Booking and Payments :**Property owners or tenants can book services directly through the platform. Implement a secure payment system for service transactions, and allow service providers to set their pricing.