AMERICAN INTERNATIONAL UNIVERSITY -BANGLADESH

FACULTY OF SCIENCE & TECHNOLOGY

Course Title

Object Oriented Programming 2

SPRING 2023-2024
Section: P

Project Proposal:

Real State Management System

Submitted to:

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Introduction: The Real Estate Management System (REMS) is a comprehensive software solution designed to streamline the management of real estate properties, facilitate transactions, and enhance client relationships. This system aims to provide a user-friendly interface for administrators, property managers, buyers and sellers to efficiently handle property listings, client inquiries, and transaction processing.

Objectives:

- Develop a centralized platform for managing real estate properties, clients, and transactions.
- Provide role-based access control to accommodate the needs of administrators, property managers, buyers and sellers, .
- Enable real estate agents to list properties, manage client inquiries, and schedule property viewings effectively.
- Allow property managers to oversee property maintenance, handle tenant relations, and enforce lease agreements.
- Facilitate property search, offer submission, and transaction management for buyers/sellers.

List of users and their activities:

■ Administrator:

- **User Account Management:** Administrators can create, edit, and deactivate user accounts, assign roles, and manage permissions.
- **Property Listing Administration:** Administrators can approve property listings, edit listing details, and remove outdated listings.
- **System Configuration:** Administrators can configure system settings, customize email templates, and manage system preferences.
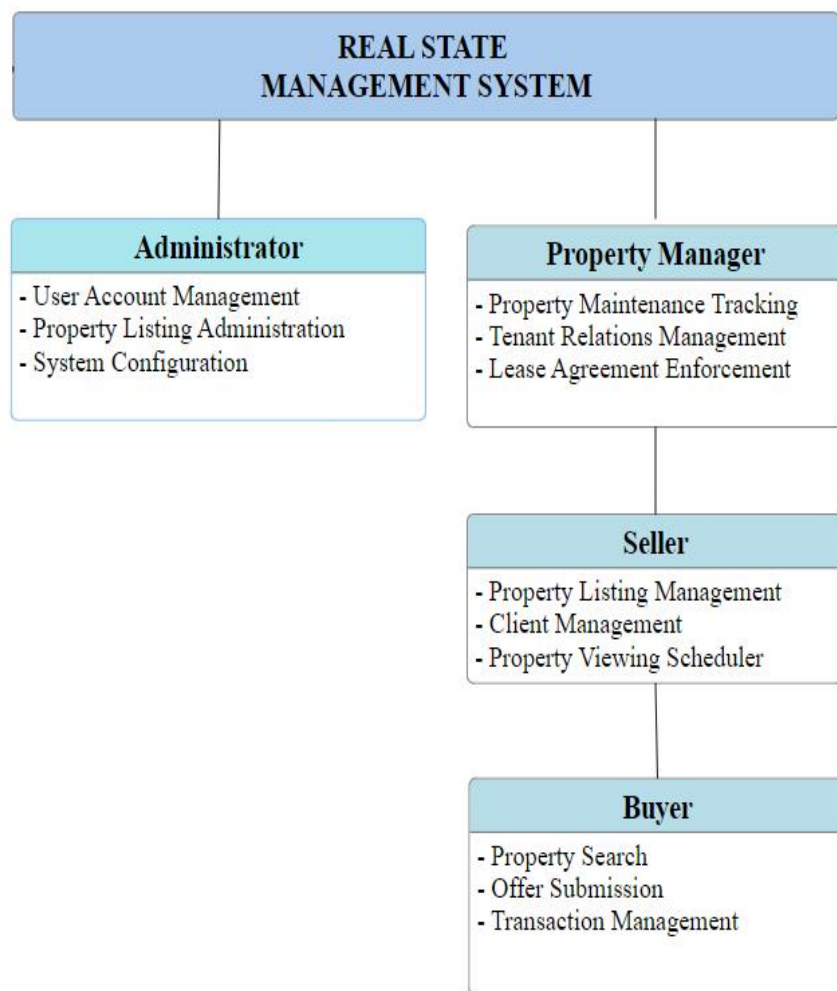
■ Property Managers:

- **Property Maintenance Tracking:** Managers can track maintenance requests, schedule repairs, and monitor property upkeep.
- **Tenant Relations Management:** Managers can communicate with tenants, handle lease renewals, and address tenant concerns.
- **Lease Agreement Enforcement:** Access the menu, view item details, and suggest specials or recommendations.

■ Buyer:

- **Property Search:** Users can search for properties based on criteria such as location, price range, and property type.
- **Document Upload:** Buyers can upload supporting documents such as pre-approval letters or proof of funds.
- **Document Access:** Users can access and review contract documents, disclosures, and addendums throughout the transaction process.

■ **Seller:**

- Sellers can create and manage listings for their properties, including detailed descriptions and photos.
- **Listing Editing:** Sellers can edit listing details such as price, description, and property features.
- **Listing Status:** Sellers can set the status of their listings (active, pending, sold) and update it as needed.
- **Response Options:** Sellers can accept, counter, or decline offers, and communicate their decision to the buyer through the platform.
- **Document Access:** Users can access and review contract documents, disclosures, and addendum throughout the transaction process.
- **Task Management:** Users can view and complete tasks required for closing, such as providing escrow deposits or scheduling final walk-thorough.

REAL STATE MANAGEMENT SYSTEM

Administrator
- User Account Management
- Property Listing Administration
- System Configuration

Property Manager
- Property Maintenance Tracking
- Tenant Relations Management
- Lease Agreement Enforcement

Seller
- Property Listing Management
- Client Management
- Property Viewing Scheduler

Buyer
- Property Search
- Offer Submission
- Transaction Management

Conclusion: The Real Estate Management System (REMS) will revolutionize the way real estate properties are managed, transactions are processed, and client relationships are nurtured. By leveraging cutting-edge technologies and robust features, REMS will empower real estate professionals to streamline their workflows, enhance customer experiences, and drive business growth.