Project Proposal

Project Topic: Real Estate Management System

I plan to develop a Real Estate Management System - a web application that connects property owners, real estate agents, and potential buyers or renters on a single platform. The system will facilitate property listings, property search and discovery, viewing appointments, and application processing.

System Users and Their Roles

Property Owners

- List properties for sale or rent
- Upload property photos and details
- Manage their property listings
- Review and respond to viewing requests
- Approve or reject buyer/renter applications

Real Estate Agents

- Manage multiple property listings
- Update property information and availability
- Schedule property viewings with potential buyers
- Process applications on behalf of property owners

Buyers and Renters

- Search for properties using various filters
- View property details and photo galleries
- Save favourite properties
- Request property viewings
- Submit purchase or rental applications
- Communicate with property owners

System Administrators

- Approve new property listings before they go live

- Manage user accounts
- Monitor platform activity
- Handle disputes and maintain system quality

Key Functionality

Property Owners and Agents will post properties with complete details and images.

Buyers and Renters will be able to search for properties, save favorites, request viewings, and submit applications.

Administrators will approve property listings and manage the overall platform.

The system follows the Web 2.0 model where owners/agents produce content (property listings) and buyers/renters consume and interact with that content through searches, applications, and communication.