APPLICATION ENGINEERING DEVELOPMENT INFO-5100
FINAL YEAR PROJECT PROPOSAL

PROBLEM DEFINITION

Finding a property in the Real Estate Industry can become tedious at times. Online Rental House Web Portal is an internet portal dedicated to meet every aspect of the customer needs in the Real Estate Industry. It is an application where property owners, brokers and tenants can exchange information effectively. It features residential properties for sale, rent and lease the fore properties, rates, locations.

APPLICATION KEY FUNCTIONALITIES

1. The portal provides real estate directory for brokers,sellers and buyers.
2. Search based on keywords such as location and price.
3. Dynamic content updation
4. The system must provide login access to the registered users.
5. The system must provide a registration page to enable new users (Buyers, brokers, owners) to be registered.
6. The registered users must be able to save and modify their profiles which can be viewed by interested parties.
7. The registered users must be able to view the summary of their activities.
8. The brokers/owners are provided with a form to update their property details.
9. The brokers/owners have options to see who is interested in their property.
10. The seller can show interest in any property and later can also delete this request or update it.
11. Once the buyer rents a particular house that house will no longer be seen in renting list.

PROPOSED ENTITIES

1. Business.Enterprise
    a. Enterprise
    b. EnterpriseDirectory
2. Business.Role
    a. Role
    b. SystemAdminRole
3. Business.Customers

a. Buyer
b. Seller
c. Broker
d. BuyerDirectory
e. Seller Directory
f. BrokerDirectory
4. Business.Organization
a. Organization
b. OrganizationDirectory
5. Network
6. Business.UserAccount
a. UserAccount
b. UserAccountDirectory

ECOSYSTEM ARCHITECTURE

EcoSystem

Network

Enterprise Directory → E2-Banking

E1- Rental Company

Organization Directory

Organization

Customer Directory | User Account Directory | Buyer Organization | Seller Organization | Broker Organization | Admin Organization

Customer → User Account → Work Queue

Work Queue → Work Request

User Account → Role

Role → Buyer | Seller | Broker | Admin