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Basic understanding of the system

Homeowner

1. A homeowner would like to sell their property.
2. He will register/login.
3. He will list his properties as well as the property information
4. Confirm his property listing

Estate agents

1. An estate agent would like to view properties
2. He will login / register
3. He can view properties listed in a certain area
4. He selects a desired property and makes a bid on it
   His bid can include the services he offers eg: open house, magazine advertises etc.
   As well as his fee price

Homeowners receive a list of bids from **estate agents** and selects the best offers from their list of bids.

Possible Use cases:

Register Subsystem
1. Login *{Homeowner + Estate agent}*
2. Logout *{Homeowner + Estate agent}*

Homeowner subsystem
1. Create homeowner (personal details register) *{ Homeowner}*
2. Search homeowner *{Homeowner +Estate agent}*
3. Edit homeowner (Edit his personal details) *{Homeowner}*
4. Delete homeowner (delete himself) *{Homeowner}*

Estate Agent subsystem
1. Create estate agent (personal details register) *{Estate agent}*
2. Search estate agent (system must be able to search for an estate agent) *{Estate agent}*
3. Update estate agent (update his personal details) *{Estate agent}*
4. Delete estate agent (delete himself) *{Estate agent}*

Property listing subsystem
1. Add property details *{Homeowner}*
2. Search property (system must be able to search for a property with location) *{Homeowner + Estate agent}*
3. Edit property details *{Homeowner}*
4. Delete property *{Homeowner}*

Bid subsystem
1. Create bid *{Estate agent}*
2. Send a bid *{Estate agent + Homeowner}*
3. View a bid *{Estate agent + Homeowner}*
4. Delete a bid *{Estate agent}*

ERD Tables (basic overview – 1NF)

Homeowner

Estate Agent

Properties

Bid

Location