Solution2

This UML Class Diagram representing the main entities and relationships in a real estate system."Attributes prefixed with '_' indicate primary keys, uniquely identifying each record."

House
+bedroomCount

Land
+area

Real Estate Properties
+fullAddress
+city
+street
+type
+_house0rLotNumber
+askedPrice

+ownership 0..*

interest 0..*

Owners
+_mobileNumber
+firstName
+lastName
+makeDecision()

An owner can have multiple properties, but each property has only one owner

Used by the owner to accept or reject a buyer's offer.

1

0..*

Potential Buyers
+_mobileNumber
+firstName
+lastName
+maxPrice
+minPrice
+offeredPrice

0..*

+Representation of Owner

+Assistance to Buyer

0..*

Real Estate Agents
+_employeeNumber
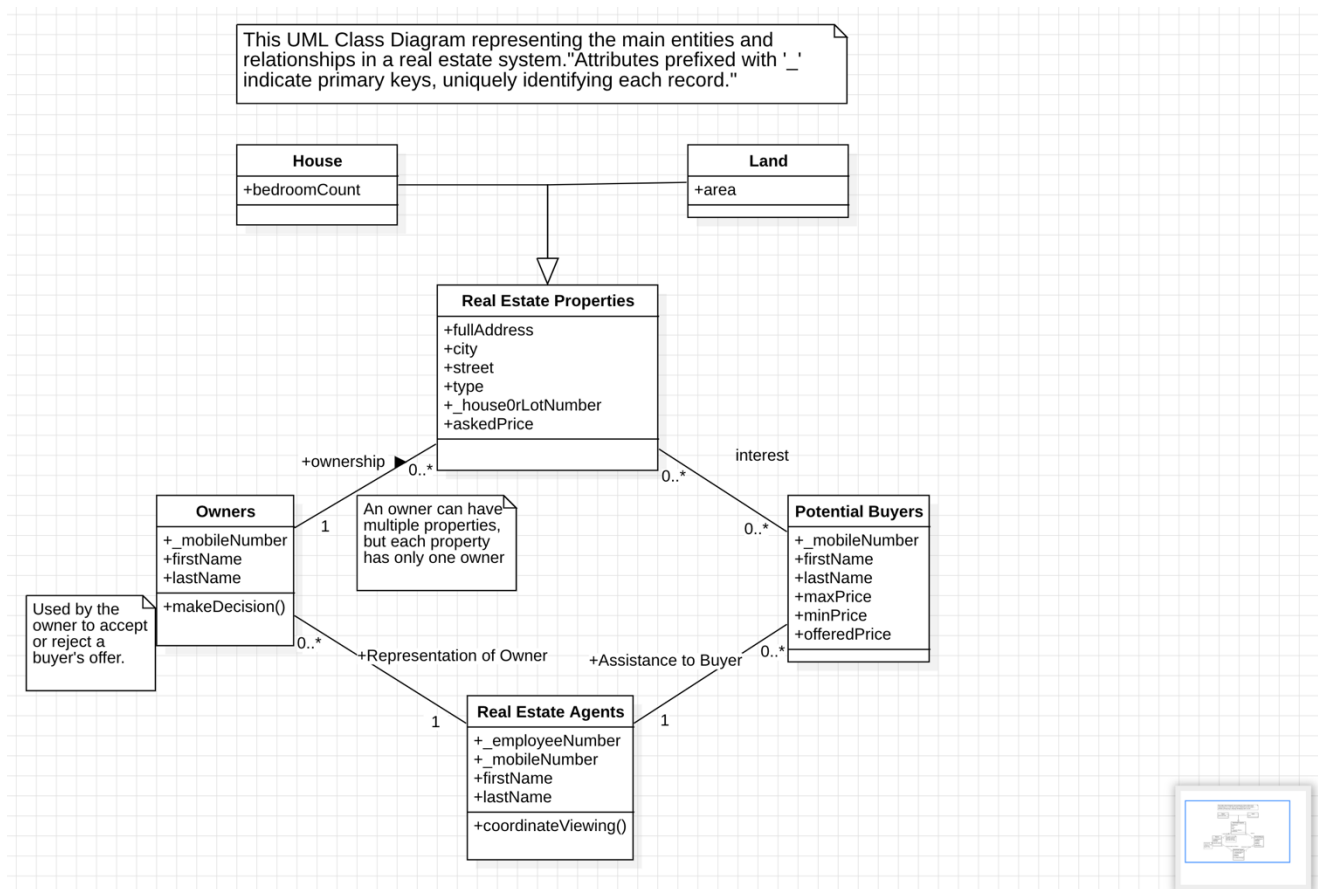+_mobileNumber
+firstName
+lastName
+coordinateViewing()

1

1

This UML diagram represents the main entities of the real estate system and their relationships. These entities include houses, land, real estate properties, owners, potential buyers, and real estate agents.

 "**Attributes prefixed with '_' indicate primary keys**, uniquely identifying each record."