

Following is the explanation of conceptual data modelling:

1. A realtor works for a brokerage.
2. Every brokerage will have multiple realtors working for it.
3. A realtor is a primary source of contact for the customer.
4. A customer can schedule an appointment with the realtor to visit the property. We have showcased a ternary relationship between the entity's realtor, customer, and schedule.
5. A customer may or may not schedule an appointment with the realtor to plan the property visit. Therefore, there is a one-to-one to optional many relationships between the realtor, the customer, and the schedule.
6. A user can create an account on UtahRealEstate.com with a username, email, and password. Those fields will be unique to that user.
7. A property can get multiple visits from customers. If a property is new on the market, it may or may not have received any visits from the customers, Therefore, the type of relationship between the property and the schedule is 'one to optional many'.
8. A customer can calculate the Mortgage using a Mortgage Calculator. The annual interest rate, sales price, and term of the loan are some of the mandatory inputs that the system takes to calculate the possible mortgage on the property. You can view the calculated mortgage on the description page of each property for the logged-in customer.