

卖房

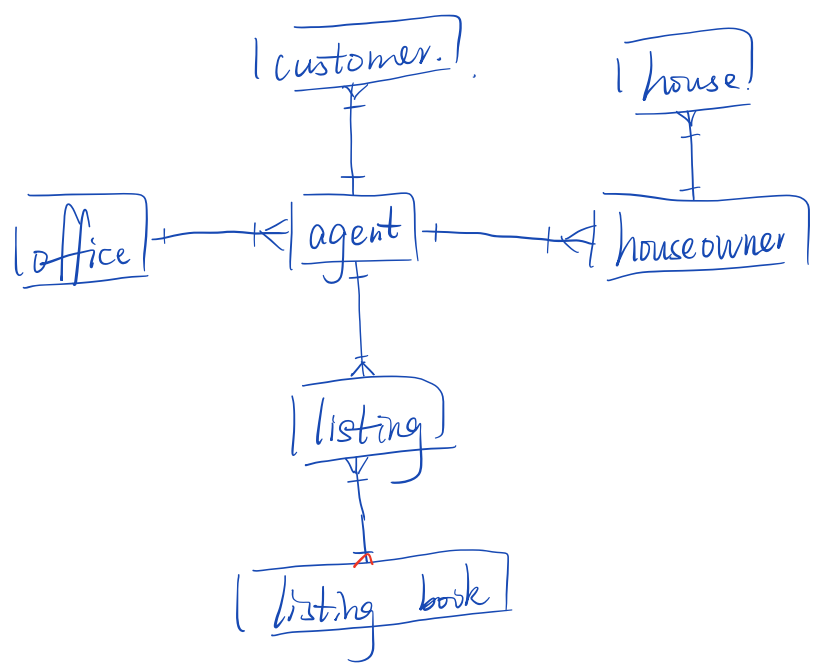
好评 上市

house
h2

The Real Estate Multiple Listing Service (REMLS) system supplies information that local real estate agents use to help them sell houses to their customers. During the month, agents list houses for sale (listings) by contracting with homeowners. The agent works for a real estate office, which sends information on the listing to the multiple listing service. Therefore, any agent in the community can get information on

请求信息

Information on a listing includes the address, year built, square feet, number of bedrooms, number of bathrooms, owner name, owner phone number, asking price, and status code. At any time during the month, an agent might directly request information on listings that match customer requirements, so the agent contacts the multiple listing service with the request. Information on the house, on the agent who listed the house, and on the real estate office the agent works for is provided. For example, an agent might want to call the listing agent to ask additional questions or call the homeowner directly to make an appointment to show the house. Twice each month (on the 15th and 30th), the multiple listing service produces a listing book that contains information on all listings. These books are sent to all of the real estate agents. Many real estate agents want the books (which are easier to flip through), so they are provided even though the information is often out of date. Sometimes agents and owners decide to change information about a listing, such as reducing the price, correcting previous information on the house, or indicating that the house is sold. The real estate office sends in these change requests to the multiple listing service when the agent asks the office to do so.



part .

the system

数据交互关系

customer

- (1) Draw the Context Data Flow Diagram and Functional Decomposition Diagram for REMLS System. 15
- (2) Produce an Entity Relationship Diagram (Logical Data Model) and a set of Normalized Tables for the scenario. 20
Sample table: Tblname (primarykey#, foreignkey#, attr1, attr2)
- (1) It has been decided that the system will be developed using object oriented analysis and design (OOA/OOD) methodology.
 - a) Draw a UML Use Case diagram for REMLS System and write the expanded description of ONE primary use case (表格形式). 15
 - b) Design an initial Analysis Class Model that shows the process and data required to support REMLS System. 10.

针对一个用例给出表格形式的详细描述

识别对象和消息