

Prepare an E-R diagram for a real estate firm that lists properties for sale. The following describes this organization:

The firm has a number of **sales offices** in several states. Attributes of the sales office include Office_Number and Location.

Each sales office is assigned one or more **employees**. Attributes of employees include Employee_ID and Employee_Name. An employee must be assigned to only one sales office.

For each sales office, there is always one employee assigned to manage that office.

The firm lists **property** for sale. Attributes of property include Property_ID and Location. Components of Location include Address, City, State, and Zip_Code.

Each property must be listed with one (and only one) of the sales offices. A sales office may have any number of properties listed, or may have no properties listed.

Each property may have zero or more **owners**. Attributes of owners are Owner_ID and Owner_Name. An owner may own one or more properties. The system stores the percent owned by each owner in each property.