

Exercise 2 : Electronyx Brooms

The Electronyx company sells brooms. Electronyx' sales department has sales agents who represent its' clients. The company wants us to develop a database that contains information about meetings organized by sales agents, and the clients who attend them. The database should store the first and last names of customers, their address, phone number, family status (single, marries without kids, married with kids, not married with kids). For each meeting recorded, we should know what time the meeting took place, where it took place, the its duration. We also want to keep track of our sales agents, their address, phone number, and the date they were hired. Unique numbers are assigned to each client, agent, and meeting to identify them. A sales agent may have one or more clients, but a client may only be represented by one agent. A representative can only meet with one client at a time, and can not meet the same customer twice in the same day.

Identify the following :

- a) entities, their attributes and identifiers,
- b) relationships,
- c) cardinalities.