

Entity Association exercise

A person wants to model an information system that could help to organize a dinner. This information system should help to establish the list of guests, as well as the menu and the list of wines. A reception takes place at a given date, in a given place. People whose first names, last names, sex, age and profession are known, are invited to the reception. A person can be fully identified using his/her first name and last name. The meal includes a given number of dishes identified by their names (e.g., "Cassoulet") and their type (e.g., "Main dish"). For each dish, there is a list of suitable wines. Each wine is characterized by its provenance region (e.g., "Bordeaux") and its type (e.g., "red"). In order to have a successful dinner, the menu should contain dishes that guests like, and one should avoid serving dishes that guests do not like. Finally, it is necessary to avoid disagreements that could spoil the event. To do so, it is essential to know the friendship and enmity relationship between guests.