SUMMER CAMPS

We want to design a database for the management of booking in several summer camps.

The following description explains in detail the aspects of user requirements to be taken into account in making the conceptual design of future database:

a) Each summer camp has a name that identifies it. We also want to know, besides the name, capacity (the maximum number of children that can be accommodated), the region where it is located and offers of activities that provides. A summer camp can offer activities such as swimming, skiing, rowing, painting, photography, music, etc.

b) Keep in mind that in a summer camp you can practice various activities (in fact, each summer camp has to offer at least one) and it may happen that the same activity can be carried out in several summer camps. Any activity that is recorded in the database must be offered at least by one of the camps.

c) We want to have an assessment of the activities offered by the summer camps. A numerical rating is assigned to every activity for indicating the quality level.

d) Children have signed up to spend a little vacation in summer camps. We want to keep track of children staying at each of the camps at present. We assume that there are camps that are empty (without children) during some seasons.

e) Children currently staying at one of the camps are identified by a code. We also need to know their names, last names, phones of their parents, and their country of residence.

f) About the regions where there are summer camps or where children live, we want to know their surface and number of inhabitants. You should consider that there may be regions where no children live (but where some summer camps are allocated) and regions that have no summer camp.