**Database Management**

**Unit 01 Project**

**Database Business Rules for SYCA (Summer Youth Camp Association) database entities**

1) 1 camp is owned by many camp leaders.

2) Many camp leaders own 1 camp.

3) 1 guest speaker speaks at many camps.

4) Many camps are spoken at by 1 guest speaker.

5) Many camps do many activities.

6) many activities are done by many camps.

7) Many activities are run by many program staff.

8) Many program staff run many activities.

9) 1 camp contains many cabins.

10) Many cabins are contained by 1 camp.

11) 1 cabin is led by 1 cabin leader.

12) 1 cabin leader leads 1 cabin.

13) 1 cabin is assigned to many campers.

14) Many campers are assigned to 1 cabin.

15) 1 cabin leader is assisted by many assistants.

16) Many assistants assist 1 cabin leader.

**Database Entities**

* Camp
* Camp leader
* Guest speaker
* Cabin
* Cabin Leader
* Assistant
* Camper
* Activities
* Program staff

**Database Chen Diagram**

Diagram, schematic

Description automatically generated