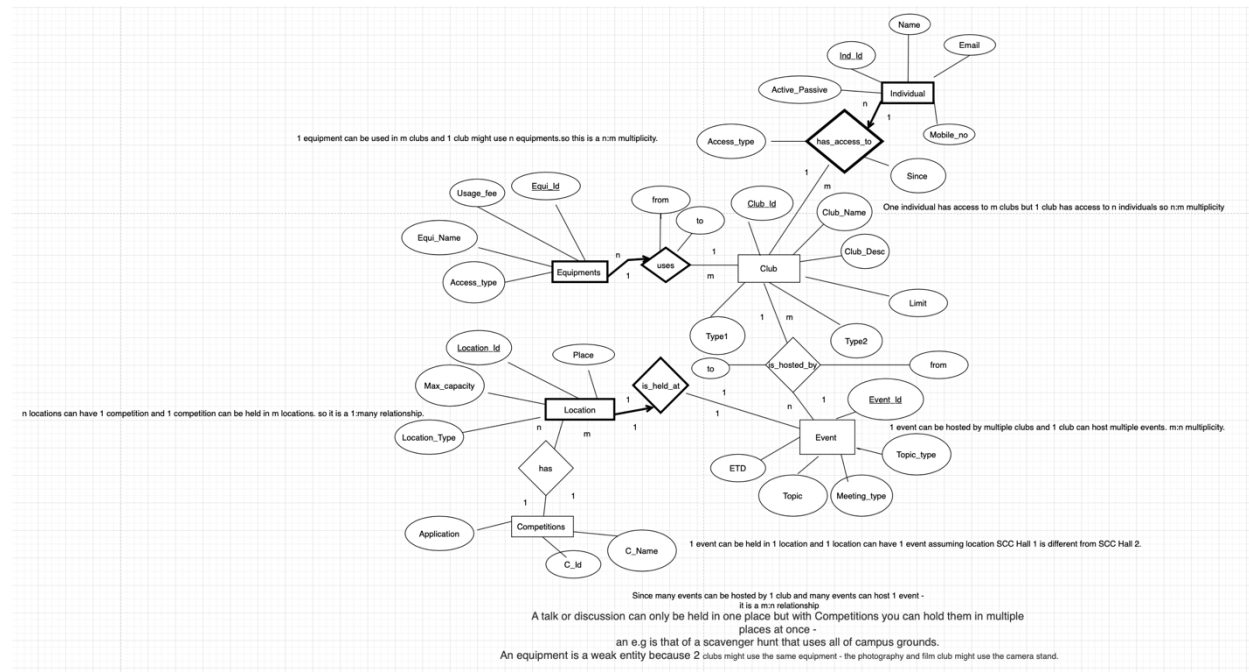


## Group Topic: Club Catalogue for Jacobs University Bremen

Group Members: Fizza Usman, Shronim Tiwari, Suyash Thapa and Chun Hei Wong



We are trying to implement a club catalogue so that it is easy for people on campus to know what clubs are functional and their different properties.

We have different variables in our schema which we have identified and described below:

We made a club table with Club\_ID as the primary key because it uniquely identifies the club so an id of 127837 would point to the 'Name' Rowing Club. The description just describes what the club is about so for the rowing club an example would be 'club for the sport for racing boats using oars.' Type1 indicates whether the club is basic, standard or varsity. Type2 indicates whether the club is related to board games, physical activity, visual arts or more. Limit tells the upper bound on how many people are allowed in the club – it tells us that the club cannot exceed a certain number of participants. The WMeeting\_place and WMeeting\_time just means weekly meeting place and times for each club. The social media can be the whatsapp link for the club. Reg\_Form\_Link means the link for the registration form. Alumni is the people who had participated in the club actively but are now graduated. Merch\_ID and Merch\_Name just indicate the different things with the club logo that you can buy – for e.g tshirts or cups. The subsc\_target means what area is the club focusing on – the physics club will try to target physics students and math students to join. Membership\_fee means the cost to join the club of every member. Safety\_measures mean the precautions you need to take – for the rowing club there can be a lifeguard present – this is done to show the members of the club that their concerns are taken care of.

We made an equipments table for all the equipments used in a club – for e.g in a photography club you would have a camera stand or in the chess club you would have the chess board. In the Equipments table we have Equipment\_Id as the primary key because it uniquely identifies equipments. Name would just describe what the Equipment\_Id refers to so PC1234 can just

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mean photography club article 1234. Usage\_fee describes the cost incurred on the user when the equipment is used. Access\_type means is a member of a club using that article or has it been taken by the admin for repair.

Another table is the Location – this describes where all the club meetings are held. The location\_ID describes what location is being referred to. For e.g location\_Id of 12344 might refer to the IRC Group Study Area. Max\_Capacity refers to the maximum number of people that can be present in that location – either due to Covid restrictions or just general seating problems.

The table Event describes every event being held. An example for the 'Topic' for the event may be 'talks with the famous photographer John Doe'. The Meeting\_type describes whether the meeting is in – person , virtual or hybrid with 2-3 numbers. For e.g number 0 indicates virtual, number 1 indicates in person etc.

The table Individual describes the admin as well as applicants as well as members of the club. This is indicated by the role. Access type means what kind of access do they have to sensitive club information – for admin it will be full , for applicants it will be none and for members it will be partial.

The table competitions describes what the C\_ID is (a C\_ID of 56445 indicates a C\_Name of "Singing with the stars"). Location\_ID is where the competition is being held, Limit is the limit to the number of participants in the competition and ETD is the date and time of the competition. Application is the link for the application form for the competition.

Constraints:

1. You can only have only one 1 whatsapp group per club.
2. A person can submit only one application per club.
3. Only people within the university can register for the clubs.
4. Only one application form for a club – otherwise application might get too confusing.
5. For one date you can have a hybrid meeting (so both in person and virtual).
6. University funding for clubs – minimum amount 20 euros per month.
7. No membership fee – 0 for all clubs.
8. If a club has a meeting in SSC, another club cannot have a meeting in SSC at the same time.
9. 1 applicant\_id for each applicant. 2 applicants cannot have the same applicant\_id.
10. You can have multiple subscription targets – one club can have multiple subsc\_target.  
Physics club targets physics students and math students.
11. Multiple advisors or faculty for the club.