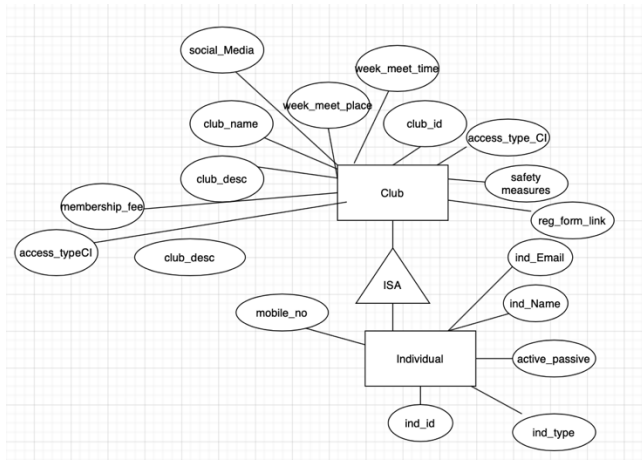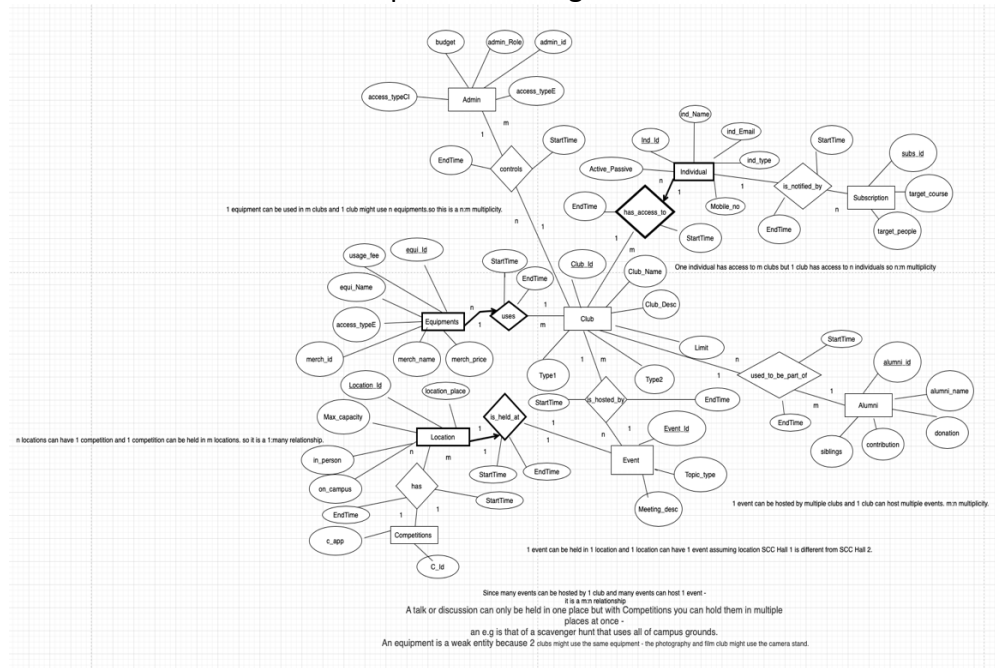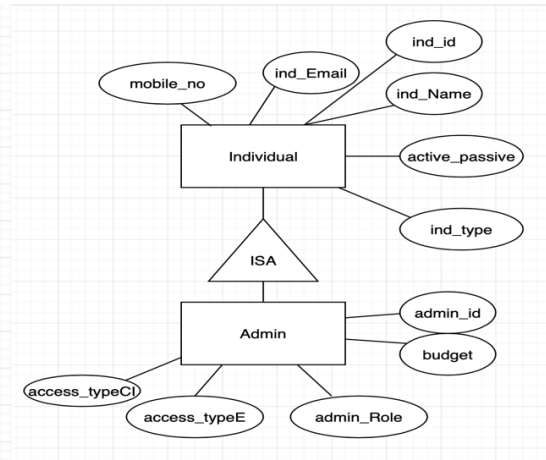Group Topic: Club Catalogue for Jacobs University Bremen
Group Members: Fizza Usman, Shronim Tiwari, Suyash Thapa, Chun Hei Wong
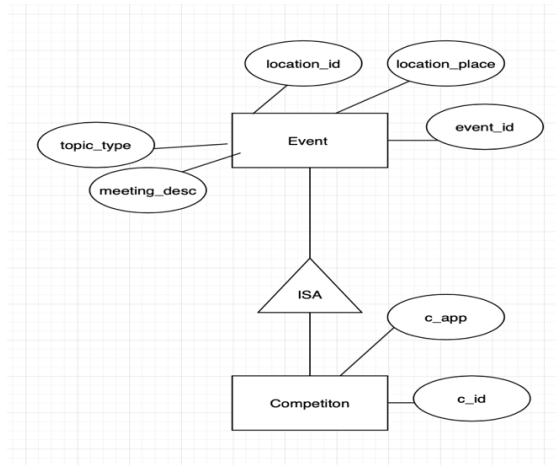
Updated ER diagram:

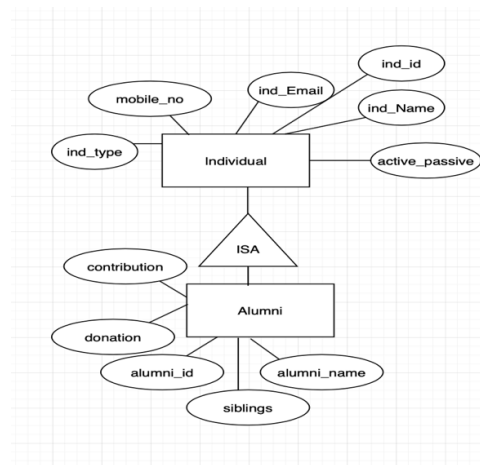

ISA DIAGRAM 1   ISA DIAGRAM 2

ISA DIAGRAM 3

ISA DIAGRAM 4

The code is implemented in 'hw3.sql'.

Description of the different tables:

Equipment

1. access_typeE means the type of access of club equipment e.g access to the cameras of the photography club. For e.g full will be indicated by f, l for low, p for partial, and h for high.
2. equi_Name means equipment name for e.g photography stand or a projector.
3. usage_fee means the cost incurred on the usage of the equipment.
4. An equi_Id of 1234 can just mean article 1234. This article might have equi_Name of '30-45 mm lens of a Canon 650D'.
5. merch_ID of 1298can just mean p merch article 12. This article might have merch_Name of 'A pack of 10 Logo stickers of Jacob's photography club'.
6. merch_Price is in euros. A pack of 10 Logo stickers of Jacob's photography club might be of 5 euros available on JUSTORE.

subscription

1. A 'subs_id' of 7891 can just mean subscription into mailing list for the physics club.
2. A target_course can be computer science for the robotics club.
3. target_people is how many people to reach forward to and tell about the club.

location

1. location_ID describes what location is being referred to. A location_Id of 12344 might refer to the 'location_place' IRC Group Study Area and there might be a default value 00000 to indicate that the location is off campus.

2. In_person would be 1 if the event needs physical attendance and 0 if virtual, 2 if it is hybrid.
3. on_campus would be 1 if the event is on campus and 0 if it is off campus.
4. max_Capacity refers to the maximum no of people that can b epresent in that location - either due to COVID restrictions or just general seating problems.

Club

1.club_Id is a primary key because it uniquely identifies the club - so a Club_Id of 1278367 would refer to the club_name Rotaract Club.

2.The club_desc just describes what the club is about so a rowing club would be 'club for the sport for racing boats using oars'.

3.The week_meet_place indicates the location of where the weeklu meeting will be held – for e.g for the chess club the WMP is Krupp Ground Floor Servery.

4. week_meet_day tells what day of the week is decided for the weekly meetings.

5. week_meet_time tells what time of the day of the week – for e.g what time on each Thursday the club meeting is.

6. The social_Media indicates links to different platforms, for e.g a whatsapp group link for the physics club.

7. The membership_fee means the fee that each member needs to pay to be part of the club.

8. Safety_measures is a long description of how safety will be maintained in the club. For e.g, for the rowing club an emergency kit would be present in case someone gets a wound.

9. reg_form_link means the link to the registration form for the club.

10.access_typeCI means the type of access of sensitive club information e.g the matriculation ids for the people who are present in the club or other such info. For e.g full will be indicated by f, l for low, p for partial, and h for high.

Admin

1. Admin_Name means the name of that specific person from admin e.g John Doe.
2. Admin_Role means the role(s) of that specific person for e.g John Doe might manage funding for the different clubs but may also be responsible for admitting undergraduates at Jacobs University.

Event

1. Topic for the event may be 'how to get a perfect monochromic picture by John Doe'
2. The meeting_type indicates whether the meeting is in – person , virtual or hybrid with numbers. 0 indicates virtual, 1 indicates in person, etc.
3. Topic_type would mean is the topic about how to get a job/internship or is it just a general talk.

Individual

1. The ind_id means the unique id given to each individual. For e.g Joe Biden might have the id of 13234.

2. The Email and mobile_no refers to the email address and the phone number of the individual respectively.
3. active_passive means whether the individual is active or passive. 0 might indicate that the individual is no longer in the club or not a part of the club, 1 might indicate hes an active member of the club and 2 might indicate that he is a member of the club but he does not have an active stance in that club.
4. ind_type means whether the individual is an applicant, admin or a member of the group.

Alumni
1. alumni_name: name of the alumni.
2. donation: how much money they have given to the university.
3. Contribution: this is specific to the club. It can not only be money but its representation off- campus.

Competition
1. c_app means competiton application
2. c_id means competition id