Fishing Club Database Design Project

This project creates a database for a fishing club to track members, trips, catches, events, and locations. The goal is to store all the information in one clean place instead of using messy spreadsheets. The database has seven main tables: Members, Fishing\_Trips, Fish\_Catches, Events, Locations, Attendance.

Members stores people in the club. Locations keeps addresses for events and trips. Fishing\_Trips records each fishing trip. Events stores club events like tournaments or meetings. Fish\_Catches links to trips and members to record what fish were caught.

I struggle with creating many-to-many and one-to-one sample data. I’m not always sure how to connect the tables correctly. I figured out the one-to-one tables and added a new table for fish types. I think the fish type table could work as a one-to-one relationship with fish catches. The overall structure looks good now, but I feel I still need more examples of many-to-many relationships. I also need to better understand which tables should use many-to-many relationships and how to connect them properly.