

A) Husky Gym is an athletics facility in the University District that offers monthly memberships for weight-training to students, staff and faculty. The following are facts established in a preliminary phone interview with the owners:

- There are 11 certified Nutrition and Athletic Well-Being Advisors on staff.
- In addition to a full-size basketball court and an Olympic-grade lap pool, there are 57 independent exercise machines as well as over 85,000 pounds in free-weights.
- There is a gender-neutral sauna and free towel service after 3:00 PM on week days
- The facility has 4 racquetball courts that can be converted to pickle ball if reservations are made a day prior
- The 25-bike spin room and yoga floor has a side-entrance to Brooklyn Avenue.
- Anyone registering for the 3-month Yoga for Life and Beauty class is eligible for complimentary child-care at 'Teen-Toddlers' across the street.

The owners of Husky Gym would like a database designed to keep track of staff, members, their visits, exercise equipment, all maintenance and any incidents arising during operating hours. One of their primary goals is to lower the occurrence of injuries related to faulty equipment. Design a database ERD in 3NF that will allow them to better operate the business. Do not include payroll or accounting.

