

Manager: A primary actor in the system. Managers can sign up trainers and customers, as well as add equipment into the inventory.

Trainer: A primary actor in the system. Trainers create workout routines and assign customers to them.

Customer: Entered by manager. A customer is signed up for a gym and signed to workouts by trainers.

Workout Routine: A routine that a trainer has created for customers. A routine has a name and a series of exercises. A routine may or may not use equipment in the inventory. Routines can be assigned to customers.

Exercise: An exercise is a number of sets and number of repetitions per set or duration for a given workout.

Qualification: Qualifications for a trainer being entered into the system. Qualifications have a name to describe the type of qualification.

Equipment: A machine in the gym's inventory, entered by manager. Each piece of equipment has a name, picture, quantity.

