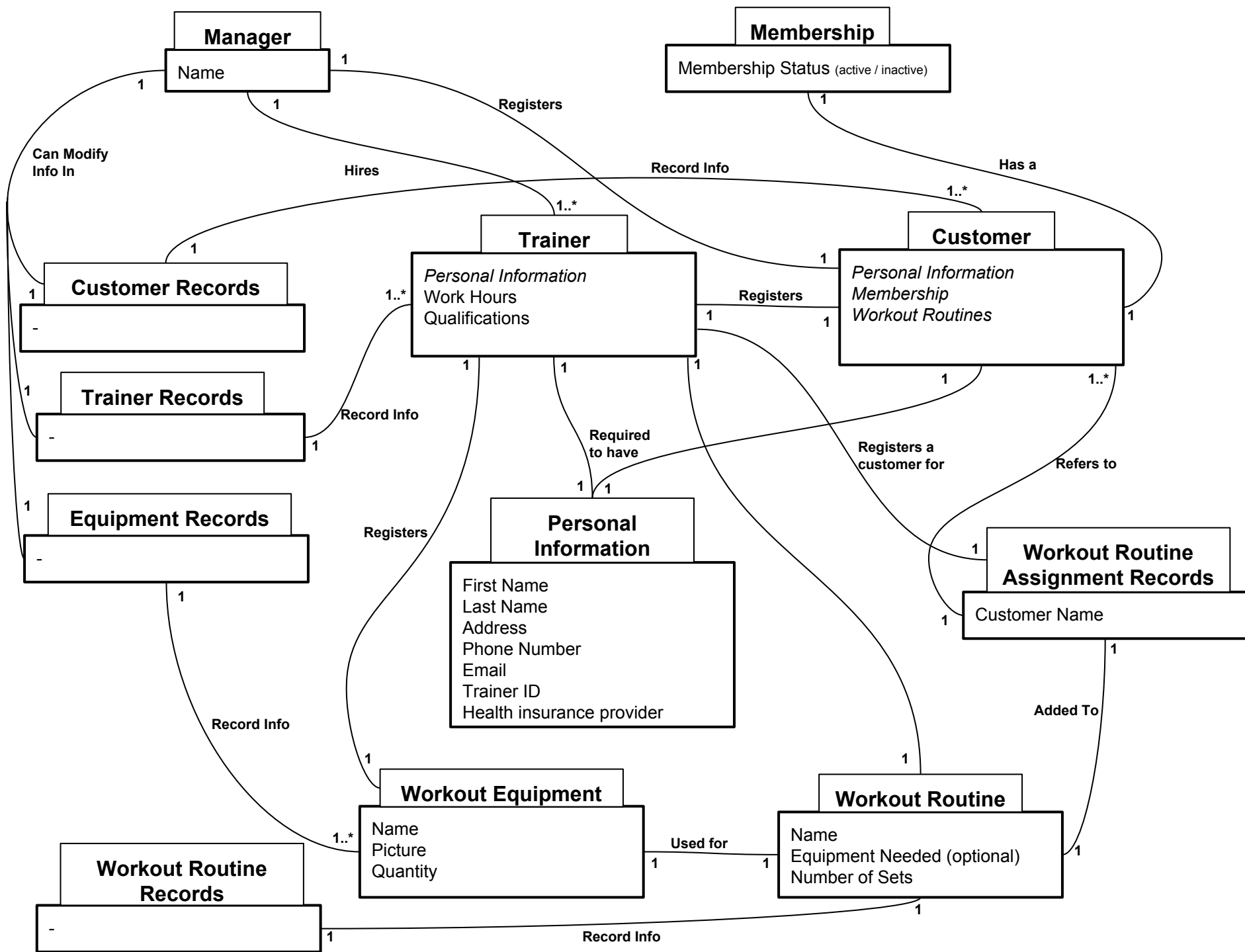


Crane Gym System 2.0
Domain Model



Glossary

Manager: Runs the Gym System and is control of Hiring and Firing, can register / modify Customers, Trainers, and Equipment Records.
Customer: Someone who is registered to this gym, with either an Inactive or Active Membership. Their Personal Information is stored and they can be associated with none, or many Workout Routines.
Trainer: Someone who registers Equipment, Customers, and creates new Workout Routines. He can assign Workout Routines to Customers. We have their Personal Information on file.
Personal Information: A reusable template to store Personal Info.
Workout Equipment: A piece of workout equipment currently available at the Gym. We have picture, name, and quantity of these.
Workout Routine: A Description of a workout routine including it's name, what equipment may be needed, and the number of sets.
Customer Records: All Customers will be stored in these records.
Trainer Records: All Trainers will be stored in these records
Equipment Records: All Equipment will be stored in these records
Workout Routine Assignment Records: All Workout Routine Assignments will be stored in these records. These workout routines are then associated with a Customer for future use.
Workout Routine Records: All Workout Routines are stored here.

Legend

1: Exactly one instance
2..6: At least 2 but not more than 6 instances
1..*: At least one instance
3,5,8: Exactly 3, 5, or 8

