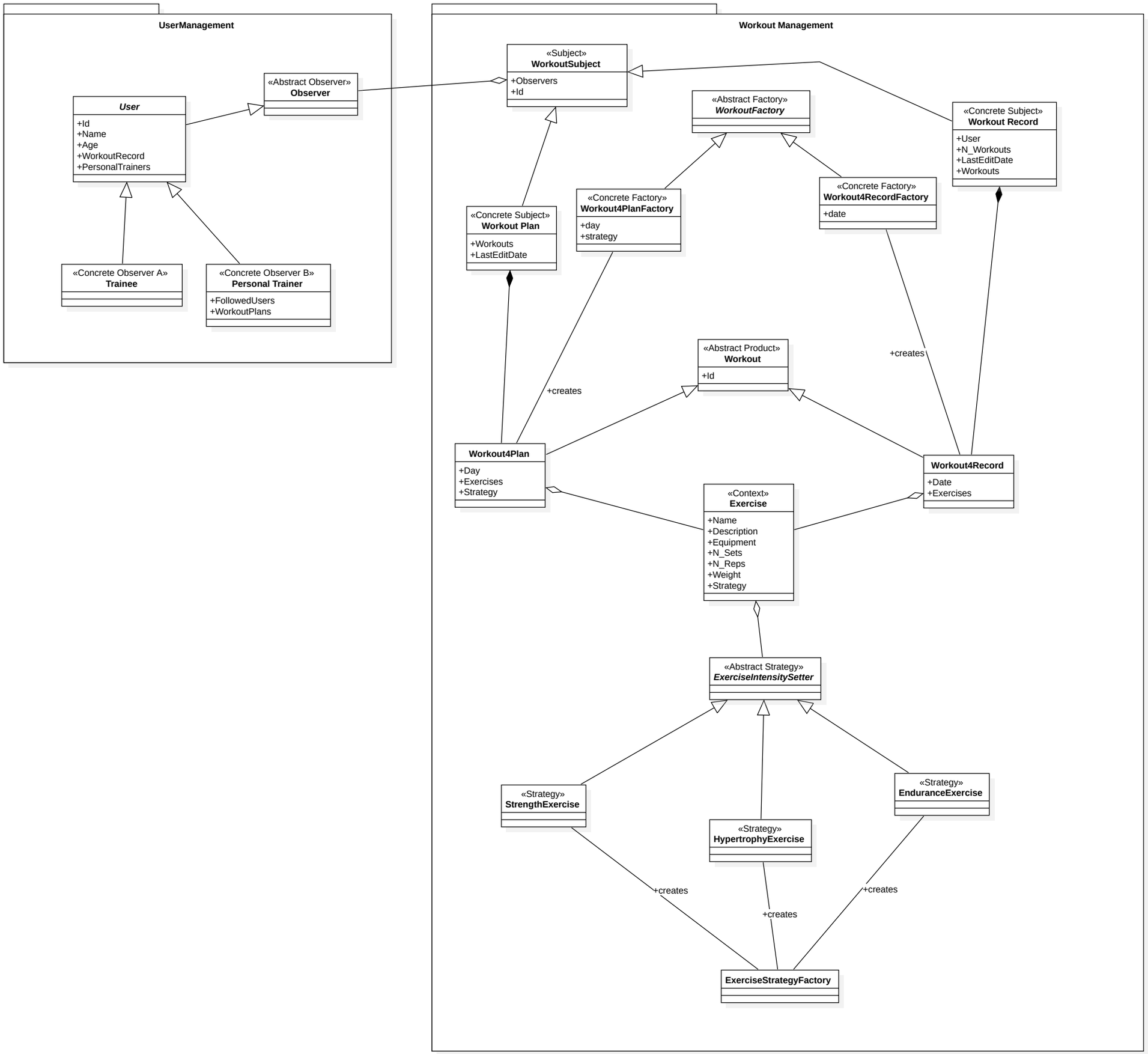
Model


UserManagement
«Abstract Observer»
Observer
User
+Id
+Name
+Age
+WorkoutRecord
+PersonalTrainers
«Concrete Observer A»
Trainee
«Concrete Observer B»
Personal Trainer
+FollowedUsers
+WorkoutPlans
Workout Management
«Subject»
WorkoutSubject
+Observers
+Id
«Abstract Factory»
WorkoutFactory
«Concrete Subject»
Workout Record
+User
+N_Workouts
+LastEditDate
+Workouts
«Concrete Subject»
Workout Plan
+Workouts
+LastEditDate
«Concrete Factory»
Workout4PlanFactory
+day
+strategy
«Concrete Factory»
Workout4RecordFactory
+date
«Abstract Product»
Workout
+Id
+creates
+creates
Workout4Plan
+Day
+Exercises
+Strategy
Workout4Record
+Date
+Exercises
«Context»
Exercise
+Name
+Description
+Equipment
+N_Sets
+N_Reps
+Weight
+Strategy
«Abstract Strategy»
ExerciseIntensitySetter
«Strategy»
StrengthExercise
«Strategy»
HypertrophyExercise
«Strategy»
EnduranceExercise
+creates
+creates
+creates
ExerciseStrategyFactory