Model::Main

User Management

User *(italic)*
+Id
+Name
+Age
+WorkoutPlan
+WorkoutRecord

Trained
+PersonalTrainers

+AddPersonalTrainer()
+RemovePersonalTrainer()

Personal Trainer
+FollowedUsers
+PersonalTrainers

+CreateWorkoutPlan()
+EditWorkoutPlan()
+DeleteWorkoutPlan()
+AddUser()
+RemoveUser()
+AddPersonalTrainer()
+RemovePersonalTrainer()
+ViewWorkoutRecord()
+UpdateProgress()

ProgressObserver

Main

Workout Plan

Workout Plan
+Creator
+Workouts
+LastEditDate

+AddWorkout()
+EditWorkout()
+RemoveWorkout()

Workout
+Day
+Exercises

+AddExercise()
+EditExercise()
+RemoveExercise()

Exercise
+Name
+Description
+Equipement
+N_Sets
+N_Reps
+Weight

Workout Record

«Subject»
ProgressSubject
+Observers

+Attach()
+Detach()
+Notify()

«Concrete Subject»
Workout Record
+User
+N_Workouts
+LastWorkoutDate
+Workouts

+AddWorkout()
+EditWorkout()
+RemoveWorkout()
+Attach()
+Detach()
+Notify()

Workout
+Date
+Exercises

+AddExercise()
+EditExercise()
+RemoveExercise()

Exercise
+Name
+N_Sets
+N_Reps
+Weight