Model: Main Workout Management «Subject» WorkoutSubject +Observers «Abstract Observer» Observer +Id «Abstract Factory» +Attach() +Detach() +Notify() «Concrete Subject» WorkoutFactory User Workout Record +Update() +Id +Name +CreateWorkout() +User +N\_Workouts +LastEditDate +Age +WorkoutRecord +Workouts +AddWorkout() «Concrete Factory» «Concrete Factory» +EditWorkout() Workout4RecordFactors Workout4PlanFactory +RemoveWorkout() «Concrete Subject» +date +Notify() Workout Plan +strategy +CreateWorkout() +Workouts +CreateWorkout() +LastEditDate +AddWorkout() +EditWorkout() «Concrete Observer B» returns Workout4Plan returns Workout4Record +RemoveWorkout() +Notify() Personal Trainer +FollowedUsers «Concrete Observer A» Trained +PersonalTrainers +WorkoutPlans «Abstract Product» Workout +PersonalTrainers +CreateWorkoutPlan() +EditWorkoutPlan() +AddPersonalTrainer() +DeleteWorkoutPlan() +AddUser() +RemoveUser() +AddPersonalTrainer() +Update() +AddExercise() +EditExercise() +RemoveExercise() +RemovePersonalTrainer() +ViewUserWorkoutRecord() UpdatePlan +Update() Workout4Plan Workout4Record +Day +Exercises +Strategy +Date +Exercises «Context» Exercise UpdateProgress +AddExercise() +EditExercise() +AddExercise() +EditExercise() Name +RemoveExercise( +Description +RemoveExercise +N\_Sets +N\_Reps +Weight +Strategy +SetN\_Reps() «Abstract Strategy» ExerciseIntensitySetter +SetN\_Sets() +SetN\_Reps( «Strategy» EnduranceExercise «Strategy» StrengthExercise +SetN\_Sets() +SetN\_Reps() +SetN\_Sets() +SetN\_Reps() «Strategy» HypertrophyExercis +SetN Sets() ExerciseStrategyFactory