Pushdatabase schema

# **Tables**

Person (Name, **PersonID**, Experience, Goal, WorkoutsPerWeek, Username, Password)

Equipment (Name)

Workout(WorkoutID, PersonID)

Exercise(Name, Difficulty, DefaultKg, Description, Equipment, Muscle, Type)

Muscle(Name)

Goal(Name)

Exercise\_Type(Name)

Log(Weight, Reps, Set, Pause, Date, PersonID, WorkoutID)

Routine(Name, PersonID)

Equipment\_Access(PersonID, Equipment)

Exercise\_Goal(Goal, Exercise)

Exercises\_In\_Workout(WorkoutID, Exercise)

Muscles\_In\_Exercise(Exercise, Muscle)

# **Foreign keys**

Log(WorkoutID) -> Workout(WorkoutID)

Log(personID) -> Person(PersonID)

Person (Goal) -> Goal(Name)

Workout(PersonID) -> Person(PersonID)

Exercise(Equipment) -> Equipment(Name)

Exercise(Muscle) -> Muscle(Name)

Exercise(Type) -> Exercise\_Type(Name)

Equipment\_Access(PersonID) -> Person(PersonID)

Equipment\_Access(Equipment) -> Equipment(Name)

Exercise\_Goal(Goal) -> Goal(Name)

Exercise\_Goal(Exercise) -> Exercise(Name)

Exercises\_In\_Workout(Exercise) -> Exercise(Name)

Exercises\_In\_Workout(WorkoutID) -> Workout(WorkoutID)

Muscles\_In\_Exercise(Exercise) -> Exercise(name)

Muscles\_In\_Exercise(Muscle) -> Muscle(name)