Strava Project

Main

athletes:
ArrayList<Athlete>

addAthlete():Athlete
listAllAthletes(): Athlete
listExistingActivities():
Activities
listActivitiesByAthlete():
Activities
listActivitiesByModality():
Activities
getDistanceByAthlete():
String

Activities

Attributes
name : String
distance : double
Duration : double
mode : modality
Athletes : athletes
description : string

Methods
getDistance() : double
getDuration() : double
getCaloriesBurned() : double

PoweredActivities

Attributes
equipment : equipmentType
mode

Methodes
listPoweredActivities(): String

Gender(enum)

Male

Female

Athlete

Attributes
Gender: Constants
Name: String
Age : int
Weight : double
UserName : String

Method
getName() : String
getAge() : int
getGender(): String
getUsername : HashMap

<<enum>>
Modality

Running

Swimming

Cycling

Weightlifting

RollerBlade

Equipment

Attributes
name : String
ArrayList<Equipment>

Methods
getName(): String