Olympic Games Report

Schema

Olympics(olympicsID, year, city, season, isPara, *countryName*)

Country(countryName, playerCount, *olympicsID, rank*)

Athlete(athleteID, name, gender, medalCount, *coachID*)

Coach(coachID, name)

Event(eventID, gender, date, time, title)

Medal(medalID, value, *eventID*)

–MedalTable(rank, total, gold, silver, bronze, *countryName*)

Relationships:

hosts

Country - (1 : N) – Olympics

Can Only be held in one country, with one exception(KOR/JP)

features

Olympics - (1 : N) – Event

An individual event takes place at one only Olympic game at a time

part of

Country - (1 : N) – Athlete

Country - (1 : N) – Coach

Athletes or coaches can only belong to one national team

prize for

Event - (1 : N) – Medal

multiple medals can be awarded at one event, medals can be awarded multiple times

wins

Athlete - (N : N) – Medal

one athlete can win multiple medals

trains

Coach - (1 : N) – Athlete

1 coach may train multiple athletes, athletes have 1 coach

competes

Athlete - (N : N) – Event

multiple Athletes can compete at any number of events as long as they qualify