Lab Assignment #1 – ER Diagram

➢ Assignment Overview

  ➢ **Released date**: 3/8
  ➢ **Due date**: 3/21 23:59 PM
  ➢ **Where to submit**: to e-class (http://eclass.seoultech.ac.kr)
  ➢ **Assigned Points**: 2
  ➢ **Submission:** a word file consisting of 1) the result ER diagram and 2) explanation
  ➢ Late submission is not allowed
  ➢ Description

   ■ Practice 2 and Practice 3
   ■ Based on the result of Practice1 explained in the lecture, extend the relationships, entity sets, attributes according to the requirements in Practices 2 and 3
   ■ There could be many possible answers. The important check point will be if the results are made by yourself.

Add arrows to your E/R diagram!

Also make sure to add (**new concepts underlined**):

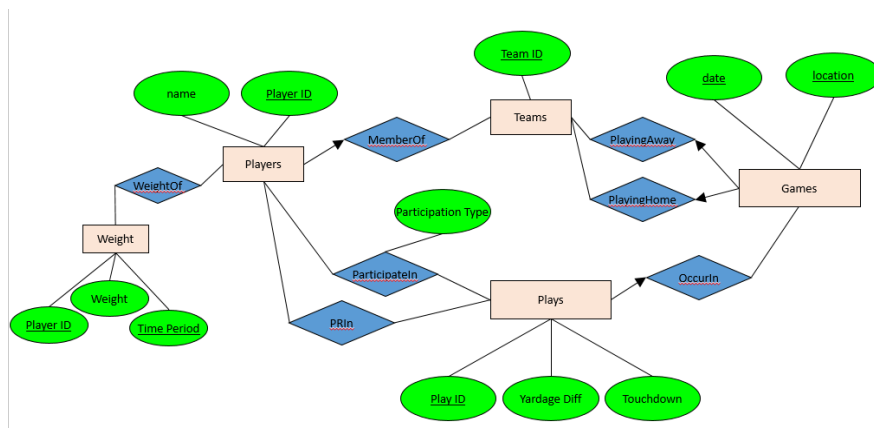A player can only belong to one team, a play can only be in one game, a pass/run..?

Players can achieve a **Personal Record** linked to a specific Game and Play

Players have a **weight** which changes in on vs. off-season

Solution) major points: one-many relationships, weights are maintained in different time period

- Part2: use weak entity sets and subclasses

Weak entity sets / Subclasses

Concepts to include / model:

Teams belong to cities- model as **weak entity sets**

Players are either on Offense or Defense, and are of types (QB, RB, WR, TE, K, Farmer*…)