**Workshop Tasks**

1. **From scenario to ER diagram**
2. **Practice SQL**
3. **From scenario to ER diagram**

**Scenario 1**

Suppose you are given the following requirements for a simple database for the

Premier League (PL) football:

The PL has many teams,

Each team has a name, a city, a coach, a captain, and a set of players,

Each player belongs to only one team,

Each player has a name, a position (such as left wing or goalkeeper), a skill level, and

a set of injury records,

A team captain is also a player,

A game is played between two teams (referred to as Home\_team and Away\_team) and has a date (such as Oct 30th 2020) and a score (such as 4 to 2).

**Your Task**

Draw an ER diagram to capture the above scenario. List all necessary attributes, PK’s, and relationships between your entities.

**Scenario 2**

A practice by the music industry is that an album is released by one or more singers.

Singers would then promote their new albums with for an event such as a dinner party in a large hall.

**Your Task**

Draw an ER diagram to capture the above scenario. List all necessary attributes, PK’s, and relationships between your entities.

1. **Practice SQL**

Read and practice all sections 31., 3.2, and 3.3 found under section labelled:

3. More Than One Tables

Here is the link:

<https://www.ntu.edu.sg/home/ehchua/programming/sql/MySQL_Beginner.html>