

# **CSCI235: Database Systems**

## **Laboratory 1**

**Nicholas Monteleone 5055076**

## Solution 2

### ROOM

Building-number	Building-name	Room-number	Area
001	First	21	100
001	First	22	110
001	First	87	200
002	Second	10	200
002	Second	11	220

Building-number → building-name

Each unique building has a unique name and number, which are always associated with each other.

### FOOTBALL-TEAM

Team-name	Main-coach	Player-name
Ball Kickers	Kick Johnson	Rodriguez
Ball Kickers	Kick Johnson	Barry
Ball Kickers	Kick Johnson	Peter
Kick Ballers	John Kickson	Paul
Kick Ballers	John Kickson	Luke

Team-name → main-coach

Each unique team has only one main coach.

### PLAYER

Player-name	Position-played	Date-of-birth
Rodriguez	Goalkeeper	01/01/1991
Rodriguez	Left Defender	01/01/1991
Peter	Right Defender	18/01/1992
Paul	Left Defender	01/01/1991
Luke	Right Defender	03/11/1990

Player-name → date-of-birth

Each unique player has one date of birth.