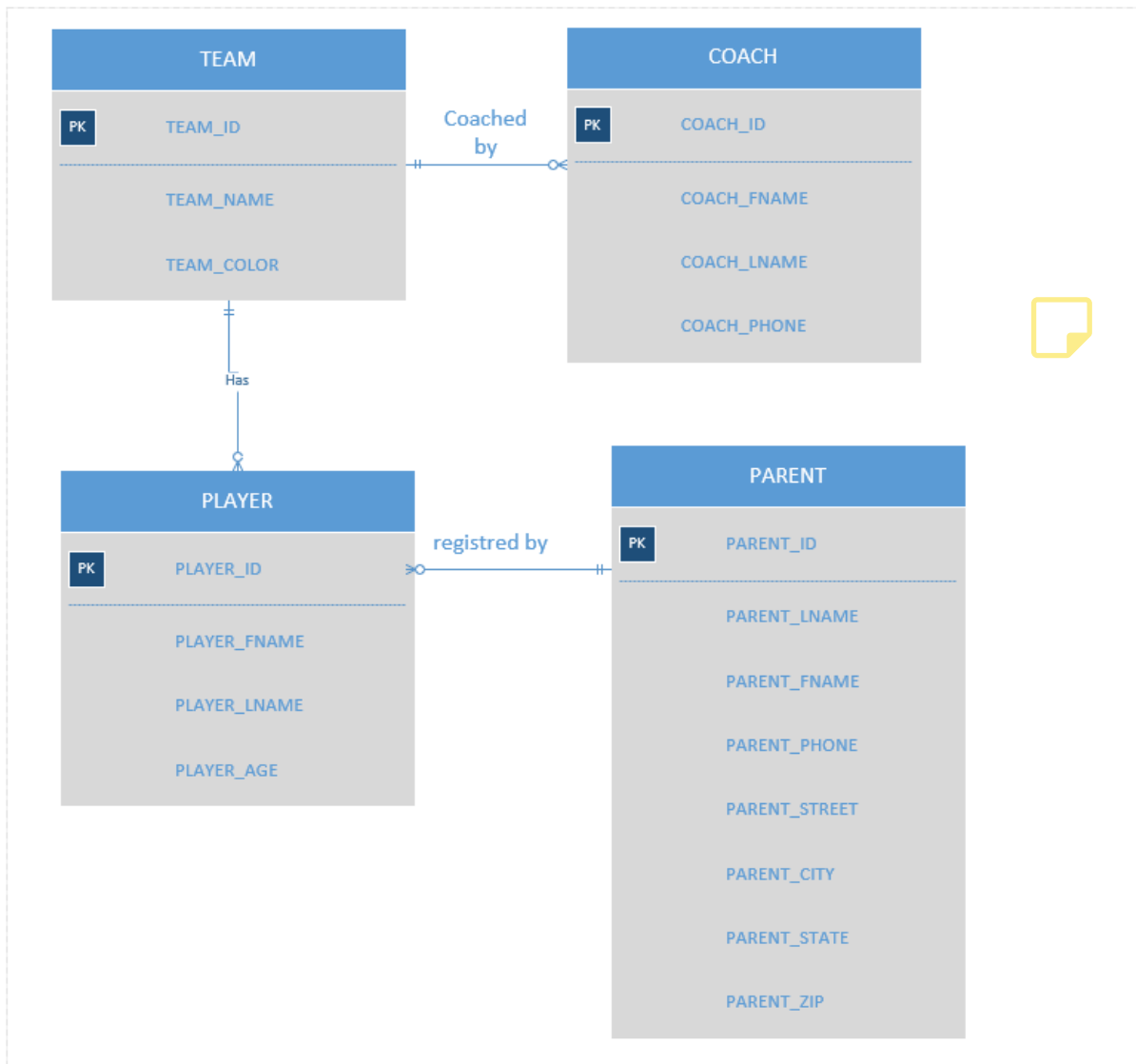Mohammed Al Madhi

CIS 310 – Database Design

FALL 19

ASSIGNMENT 4

1. Draw your first data model with entities and attributes using problem 21 on page 153.

2. create an ERD for a medical clinic using the business rules depicted in problem 1, page 154.

DEPARTMENT

PK	DEPT_NUM
	DEPT_NAME
FK	DIV_ID
FK	EMP_ID

EMPLOYEE

PK	EMP_ID
	EMP_FNAME
	EMP_LNAME
	EMP_DEPT
FK	DEP_NUM

MANAGES

EMPLOYS

OPERATES

RUNS

HAS

DIVISON

PK	DIV_NUM
	DIV_NAME
FK	EMP_ID

ASSIGNMENT

PK	FK	EMP_ID
	FK	PROJ_ID

CREATES

PROJECT

PK	PROJ_ID
	PROJ_NAME