DDL:

DROP TABLE IF EXISTS lifts\_players;

DROP TABLE IF EXISTS players;

DROP TABLE IF EXISTS lifts;

DROP TABLE IF EXISTS nil;

DROP TABLE IF EXISTS parent;

DROP TABLE IF EXISTS coaches;

DROP TABLE IF EXISTS trainers;

DROP TABLE IF EXISTS universities;

DROP TABLE IF EXISTS sponsor;

CREATE TABLE IF NOT EXISTS nil

(

nil\_ID INTEGER,

nil\_name VARCHAR(30),

nil\_amount NUMERIC(10, 2),

CONSTRAINT nil\_pkey PRIMARY KEY (nil\_ID)

);

CREATE TABLE IF NOT EXISTS parent

(

par\_ID INTEGER,

par\_first VARCHAR(30),

par\_email VARCHAR(50),

par\_phone\_number VARCHAR(20),

CONSTRAINT parent\_pkey PRIMARY KEY (par\_ID)

);

CREATE TABLE IF NOT EXISTS sponsor

(

spo\_ID INTEGER,

spo\_name VARCHAR(30),

spo\_amount NUMERIC(10, 2),

CONSTRAINT sponsor\_pkey PRIMARY KEY (spo\_ID)

);

CREATE TABLE IF NOT EXISTS universities

(

uni\_ID INTEGER,

uni\_name VARCHAR(60),

uni\_division INTEGER,

uni\_address VARCHAR(60),

spo\_ID INTEGER,

CONSTRAINT universities\_pkey PRIMARY KEY (uni\_ID),

CONSTRAINT universities\_fkey\_1 FOREIGN KEY (spo\_ID) REFERENCES sponsor (spo\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS trainers

(

tra\_ID INTEGER,

tra\_first VARCHAR(30),

tra\_last VARCHAR(30),

tra\_email VARCHAR(50),

tra\_phone\_number VARCHAR(20),

uni\_ID INTEGER,

CONSTRAINT trainers\_pkey PRIMARY KEY (tra\_ID),

CONSTRAINT trainers\_fkey\_1 FOREIGN KEY (uni\_ID) REFERENCES universities (uni\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS coaches

(

coa\_ID INTEGER,

coa\_first VARCHAR(30),

coa\_last VARCHAR(30),

coa\_position VARCHAR(30),

coa\_year INTEGER,

coa\_type VARCHAR(30),

coa\_email VARCHAR(50),

coa\_phone\_number VARCHAR(20),

uni\_ID INTEGER,

CONSTRAINT coaches\_pkey PRIMARY KEY (coa\_ID),

CONSTRAINT coaches\_fkey\_1 FOREIGN KEY (uni\_ID) REFERENCES universities (uni\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS lifts

(

lif\_ID INTEGER,

lif\_time NUMERIC(4,2),

lif\_day VARCHAR(30),

lif\_type VARCHAR(30),

uni\_ID INTEGER,

tra\_ID INTEGER,

CONSTRAINT lifts\_pkey PRIMARY KEY (lif\_ID),

CONSTRAINT lifts\_fkey\_1 FOREIGN KEY (uni\_ID) REFERENCES universities (uni\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT lifts\_fkey\_2 FOREIGN KEY (tra\_ID) REFERENCES trainers (tra\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS players

(

pla\_ID INTEGER,

pla\_first VARCHAR(15),

pla\_last VARCHAR(15),

pla\_position VARCHAR(15),

pla\_year INTEGER,

pla\_number INTEGER,

pla\_email VARCHAR(50),

pla\_phone\_number VARCHAR(20),

pla\_GPA NUMERIC(4,3),

pla\_major VARCHAR(30),

uni\_ID INTEGER,

nil\_ID INTEGER,

par\_ID INTEGER,

CONSTRAINT players\_pkey PRIMARY KEY (pla\_ID),

CONSTRAINT players\_fkey\_1 FOREIGN KEY (uni\_ID) REFERENCES universities (uni\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT players\_fkey\_2 FOREIGN KEY (nil\_ID) REFERENCES nil (nil\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT players\_fkey\_3 FOREIGN KEY (par\_ID) REFERENCES parent (par\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS lifts\_players

(

lif\_ID INTEGER,

pla\_ID INTEGER,

CONSTRAINT lifts\_players\_pkey\_1 PRIMARY KEY (lif\_ID, pla\_ID),

CONSTRAINT lifts\_players\_fkey\_1 FOREIGN KEY (pla\_ID) REFERENCES players (pla\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT lifts\_players\_fkey\_2 FOREIGN KEY (lif\_ID) REFERENCES lifts (lif\_ID)

ON UPDATE CASCADE

ON DELETE CASCADE

);