***Milestone #3 - DDL SQL***

CREATE TABLE WorldRel

(

iso\_code INT NOT NULL,

country VARCHAR(100) NOT NULL,

PRIMARY KEY (iso\_code)

);

CREATE TABLE StateRel

(

state\_code INT NOT NULL,

state VARCHAR(100) NOT NULL,

PRIMARY KEY (state\_code)

);

CREATE TABLE USCollegeRel

(

clg\_name VARCHAR(100) NOT NULL,

city VARCHAR(100) NOT NULL,

clg\_ID INT NOT NULL,

state\_code INT NOT NULL,

PRIMARY KEY (clg\_ID),

FOREIGN KEY (state\_code) REFERENCES StateRel(state\_code)

);

CREATE TABLE Worldwide\_Cases

(

country VARCHAR(100) NOT NULL,

date DATE NOT NULL,

cases INT NOT NULL,

deaths INT NOT NULL,

iso\_code INT NOT NULL,

PRIMARY KEY (country, iso\_code),

FOREIGN KEY (iso\_code) REFERENCES WorldRel(iso\_code)

);

CREATE TABLE US\_States

(

state VARCHAR(100) NOT NULL,

city VARCHAR(100) NOT NULL,

county VARCHAR(100) NOT NULL,

state\_code INT NOT NULL,

PRIMARY KEY (state, city, county),

FOREIGN KEY (state\_code) REFERENCES StateRel(state\_code)

);

CREATE TABLE US\_College\_Cases

(

clg\_name VARCHAR(100) NOT NULL,

cases2020 INT NOT NULL,

cases2021 INT NOT NULL,

clg\_ID INT NOT NULL,

FOREIGN KEY (clg\_ID) REFERENCES USCollegeRel(clg\_ID)

);

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