I haven’t work on the project that much since I was kind of lazy. I found out that for distributing benefits, every state has its own rules and some of the state rules are kind of weird (MO and PA). I might just ignore the weird ones and change them to something more typical (I wrote up most of the rules into Benefits.csv). I changed my tables a bit but not that much. I will have to make queries that the user will make and also the UI.

CREATE TABLE States (

state CHAR(2) NOT NULL,

name VARCHAR(30) NOT NULL,

state\_hotline CHAR(16) DEFAULT NULL,

eligibility BOOLEAN NOT NULL,

type VARCHAR(10) NOT NULL

uniform BOOLEAN NOT NULL,

first\_date DATE NOT NULL,

last\_date DATE NOT NULL,

PRIMARY KEY (state);

);

CREATE TABLE Benefits(

state CHAR(2) NOT NULL,

day TINYINT NOT NULL,

condition1 VARCHAR(3) NOT NULL,

condition2 VARCHAR(3),

condition3 VARCHAR(3),

condition4 VARCHAR(3),

condition5 VARCHAR(3),

PRIMARY KEY (state, day),

FOREIGN KEY (state) REFERENCES States(state)

)