CREATE TABLE STUDENT\_INFO (

    Student\_ID int NOT NULL,

   Student\_FName varchar(50) NOT NULL,

    Student\_LName varchar(50) NOT NULL,

    Student\_Email varchar(17) NOT NULL,

    Student\_Password varchar(35) NOT NULL,

    PRIMARY KEY (Student\_ID)

);

CREATE TABLE PROFESSOR\_INFO (

    Professor\_ID varchar(20) NOT NULL,

    Professor\_Name varchar(100) NOT NULL,

    Professor\_Email varchar(29) NOT NULL,

    Warr\_office varchar(8),

    MIC\_office varchar(8),

    PRIMARY KEY (Professor\_ID)

);

**Prof info insert**

INSERT INTO professor\_info VALUES ("aksoy", "Ahmet Aksoy", "aksoy@ucmo.edu", "WCM115", NULL);

INSERT INTO professor\_info VALUES ("hchen", "Hang Chen", "hchen@ucmo.edu", "WCM205C", NULL);

INSERT INTO professor\_info VALUES ("copus", "Belinda Copus", "copus@ucmo.edu", "WCM206C", NULL);

INSERT INTO professor\_info VALUES ("grebe", "Mark Grebe", "grebe@ucmo.edu", "WCM213", NULL);

INSERT INTO professor\_info VALUES ("dding", "Dabin Ding", "dding@ucmo.edu", "WCM211", NULL);

INSERT INTO professor\_info VALUES ("haque", "Taiabul Haque", "haque@ucmo.edu", "WCM116X", NULL);

INSERT INTO professor\_info VALUES ("thorn", "Trang Horn", "thorn@ucmo.edu", "WCM205D", NULL);

INSERT INTO professor\_info VALUES ("tkang", "Taeghyun Kang", "tkang@ucmo.edu", "WCM219", NULL);

INSERT INTO professor\_info VALUES ("lui", "Yui Man Lui", "lui@ucmo.edu", "WCM119", NULL);

INSERT INTO professor\_info VALUES ("park", "Hyungbae Park", "park@ucmo.edu", "WCM223", NULL);

INSERT INTO professor\_info VALUES ("ipark", "Ikhyun Park", "ipark@ucmo.edu", "WCM221", NULL);

INSERT INTO professor\_info VALUES ("arawashdeh", "Ahmad Rawashdeh", "arawashdeh@ucmo.edu", NULL, "MICD162");

INSERT INTO professor\_info VALUES ("rawashdeh", "Mohammad Rawashdeh", "rawashdeh@ucmo.edu", NULL, "MICD158");

INSERT INTO professor\_info VALUES ("reza", "Farhadur Reza", "reza@ucmo.edu", NULL, "MICD160");

INSERT INTO professor\_info VALUES ("sshin", "Sunae Shin", "sshin@ucmo.edu", NULL, "MICD159");

INSERT INTO professor\_info VALUES ("tian", "Songlin Tian", "tian@ucmo.edu", "WCM215", NULL);

INSERT INTO professor\_info VALUES ("jwang", "Jun Wang", "jwang@ucmo.edu", "WCM116L", NULL);

INSERT INTO professor\_info VALUES ("yousef", "Mahmoud Yousef", "yousef@ucmo.edu", "WCM217", NULL);

INSERT INTO professor\_info VALUES ("yue", "Xiaodong Yue", "yue@ucmo.edu", "WCM222C", NULL);

INSERT INTO professor\_info VALUES ("zzhou", "Zhiguo Zhou", "zzhou@ucmo.edu", "WCM116F", NULL);

CREATE TABLE COURSE\_LIST(

    course\_name varchar(255) NOT NULL,

    course\_code varchar(6) NOT NULL,

    professor\_ID varchar(20) NOT NULL,

    FOREIGN KEY (professor\_ID)

REFERENCES professor\_info(professor\_ID)

ON DELETE CASCADE

);

CREATE TABLE Available\_times(

       location varchar(8) NOT NULL,

    day varchar(9) NOT NULL,

    start\_time TIME NOT NULL,

    end\_time TIME NOT NULL,

    date DATE NOT NULL,

    available BOOLEAN NOT NULL,

    professor\_ID varchar(20) NOT NULL,

    FOREIGN KEY (professor\_ID) REFERENCES professor\_info(professor\_ID)ON DELETE CASCADE,

CONSTRAINT mustStartOnTHIRTYMinuteBoundary CHECK (

        EXTRACT(MINUTE FROM start\_time) % 30 = 0

        AND EXTRACT(SECOND FROM start\_time) = 0

    ),

    CONSTRAINT mustEndOnTHIRTYMinuteBoundary CHECK (

        EXTRACT(MINUTE FROM end\_time) % 30 = 0

        AND EXTRACT(SECOND FROM end\_time) = 0

    ),

    CONSTRAINT cannotStartBefore0800 CHECK (

        EXTRACT(HOUR FROM start\_time) >= 8

    ),

    CONSTRAINT cannotEndAfter1700 CHECK (

        EXTRACT(HOUR FROM (start\_time - INTERVAL 1 SECOND)) < 17

    ),

    CONSTRAINT mustEndAfterStart CHECK (

        end\_time > start\_time

    )

);

**INSERT INTO AVAILTIMES TABLE FOR PROFS**

INSERT INTO Available\_times VALUES (“THE LOCATION”, WEEKDAY('2020-02-07'),”09:30”, “10:00”, '2020-02-07', “true/false”, “prof id”);

Make switch() statement on JS end to display the days based on the WEEKDAY return value:

WEEKDAY(): 0 - Monday, 1-Tuesday, 2-Wednesday, …. 6-Sunday

CREATE TABLE APPOINTMENT (

    Professor\_Email varchar(20) NOT NULL,

    Student\_Email varchar(17) NOT NULL,

    course\_code varchar(6) NOT NULL,

    purpose varchar(25) NOT NULL,

    office varchar(8) NOT NULL,

    start\_time time NOT NULL,

    end\_time time NOT NULL,

    appointment\_description varchar(255),

    student\_fname varchar(50) NOT NULL,

    student\_lname varchar(50) NOT NULL,

    sent bool NOT NULL,

    appointment\_date date NOT NULL,

    appointment\_id int auto\_increment,

    PRIMARY KEY(appointment\_id)

);