CREATE TABLE admin\_status(

id int AUTO\_INCREMENT PRIMARY KEY,

status\_name varchar(250) NOT NULL UNIQUE

);

CREATE TABLE illness\_status(

id int AUTO\_INCREMENT PRIMARY KEY,

status\_name varchar(250) NOT NULL UNIQUE

);

CREATE TABLE login\_status(

id int AUTO\_INCREMENT PRIMARY KEY,

status\_name varchar(250) NOT NULL UNIQUE

);

CREATE TABLE logins(

id int AUTO\_INCREMENT PRIMARY KEY,

username varchar(250) NOT NULL UNIQUE,

password varchar(250) NOT NULL,

status\_id int NOT NULL,

FOREIGN KEY (status\_id) REFERENCES login\_status(id)

);

CREATE TABLE employees(

id int AUTO\_INCREMENT PRIMARY KEY,

essn int(10) NOT NULL UNIQUE,

name varchar(250) NOT NULL,

phone\_no varchar(15) NOT NULL,

address longtext NOT NULL,

salary double (100,2) NOT NULL,

department varchar(250) NOT NULL,

login\_id int NOT NULL,

admin\_status\_id int,

FOREIGN KEY (admin\_status\_id) REFERENCES admin\_status(id),

FOREIGN KEY (login\_id) REFERENCES logins(id)

);

CREATE TABLE insurance(

id int AUTO\_INCREMENT PRIMARY KEY,

insrurance\_id varchar(250) NOT NULL,

company\_name varchar(250) NOT NULL,

insurance\_pay double(10,2) NOT NULL,

copay double(10,2) NOT NULL,

p\_s varchar(15)

);

CREATE TABLE physicians(

id int AUTO\_INCREMENT PRIMARY KEY,

pssn int(9) NOT NULL UNIQUE,

name varchar(100) NOT NULL,

phone\_no varchar(15) NOT NULL,

address longtext NOT NULL,

department varchar(40) NOT NULL,

internship varchar(90) NOT NULL,

employee\_id int NOT NULL,

login\_id int NOT NULL,

FOREIGN KEY (login\_id) REFERENCES logins(id),

FOREIGN KEY (employee\_id) REFERENCES employees(id)

);

CREATE TABLE patients(

id int AUTO\_INCREMENT PRIMARY KEY,

ssn int(9) NOT NULL UNIQUE,

name varchar(250) NOT NULL,

dob date NOT NULL,

address longtext NOT NULL,

phone\_no varchar(15) NOT NULL,

physician\_id int NOT NULL,

insurance\_id int NOT NULL,

FOREIGN KEY (physician\_id) REFERENCES physicians(id),

FOREIGN KEY (insurance\_id) REFERENCES insurance(id)

);

CREATE TABLE appointments(

id int AUTO\_INCREMENT PRIMARY KEY,

patient\_id int NOT NULL,

physician\_id int NOT NULL,

employee\_id int NOT NULL,

date\_for date NOT NULL,

times time NOT NULL,

FOREIGN KEY (patient\_id) REFERENCES patients(id),

FOREIGN KEY (physician\_id) REFERENCES physicians(id),

FOREIGN KEY (employee\_id) REFERENCES employees(id)

);

CREATE TABLE medical\_records(

id int AUTO\_INCREMENT PRIMARY KEY,

sex varchar(10) NOT NULL,

patient\_id int NOT NULL,

disability\_status int NOT NULL,

diabetes\_status int NOT NULL,

blood\_pressure\_status int NOT NULL,

allergies\_status int NOT NULL,

FOREIGN KEY (patient\_id) REFERENCES patients(id),

FOREIGN KEY (disability\_status) REFERENCES illness\_status(id),

FOREIGN KEY (diabetes\_status) REFERENCES illness\_status(id),

FOREIGN KEY (blood\_pressure\_status) REFERENCES illness\_status(id),

FOREIGN KEY (allergies\_status) REFERENCES illness\_status(id)

);

CREATE TABLE medications(

id int AUTO\_INCREMENT PRIMARY KEY,

code varchar(250) NOT NULL,

name varchar(250) NOT NULL,

brand varchar(250),

description longtext,

physician\_id int,

FOREIGN KEY (physician\_id) REFERENCES physicians(id)

);

CREATE TABLE prescriptions(

id int AUTO\_INCREMENT PRIMARY KEY,

patient\_id int NOT NULL,

physician\_id int NOT NULL,

examination longtext NOT NULL,

FOREIGN KEY (physician\_id) REFERENCES physicians(id),

FOREIGN KEY (patient\_id) REFERENCES patients(id)

);

CREATE TABLE medicines\_list(

id int AUTO\_INCREMENT PRIMARY KEY,

medication\_id int NOT NULL,

prescription\_id int NOT NULL,

dose varchar(40),

FOREIGN KEY (medication\_id) REFERENCES medications(id),

FOREIGN KEY (prescription\_id) REFERENCES prescriptions(id)

);

INSERT INTO `login\_status` (`id`, `status\_name`)

VALUES (NULL, 'ADMIN'), (NULL, 'PHYSICIAN'), (NULL, 'NO ACCESS');

INSERT INTO `admin\_status` (`id`, `status\_name`)

VALUES (NULL, 'ADMIN'), (NULL, 'NO ACCESS');

INSERT INTO `illness\_status` (`id`, `status\_name`)

VALUES (NULL, 'YES'), (NULL, 'NO');

INSERT INTO `logins` (`id`, `username`, `password`, `status\_id`)

VALUES (NULL, 'tanjumtanvir', '12345', '1');

INSERT INTO `employees` (`id`, `essn`, `name`, `phone\_no`, `address`, `salary`, `department`, `login\_id`, `admin\_status\_id`)

VALUES (NULL, '1011201127', 'TANVIR TANJUM SHOURAV', '+8801515217821', 'Motijheel A.G.B Colony B-6/E-4, Motijheel, Dhaka-1000, Bangladesh', '10000', 'Neuro', '1', '1');