**Create table**

CREATE TABLE app\_image

(app\_image\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

app\_image\_description VARCHAR(100) NOT NULL,

app\_image\_data LONGBLOB NOT NULL);

CREATE TABLE user

(user\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

user\_email VARCHAR(100) NOT NULL,

user\_password VARCHAR(100) NOT NULL,

user\_type VARCHAR(100) NOT NULL);

CREATE TABLE patient

(patient\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

patient\_name VARCHAR(100) NOT NULL,

patient\_ic\_passport VARCHAR(100) NOT NULL,

patient\_gender VARCHAR(100) NOT NULL,

patient\_address VARCHAR(500) NOT NULL,

patient\_contact VARCHAR(100) NOT NULL,

user\_id INT NOT NULL,

FOREIGN KEY (user\_id) REFERENCES user(user\_id));

CREATE TABLE clinic

(clinic\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

clinic\_name VARCHAR(100) NOT NULL,

clinic\_operation VARCHAR(100) NOT NULL,

clinic\_address VARCHAR(500) NOT NULL,

clinic\_description VARCHAR(2000) NOT NULL,

clinic\_contact VARCHAR(100) NOT NULL,

clinic\_image LONGBLOB NOT NULL,

clinic\_status BOOL NOT NULL,

user\_id INT NOT NULL,

FOREIGN KEY (user\_id) REFERENCES user(user\_id));

CREATE TABLE doctor

(doctor\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

doctor\_name VARCHAR(100) NOT NULL,

doctor\_ic\_passport VARCHAR(100) NOT NULL,

doctor\_gender VARCHAR(100) NOT NULL,

doctor\_address VARCHAR(500) NOT NULL,

doctor\_contact VARCHAR(100) NOT NULL,

doctor\_working\_hour VARCHAR(100) NOT NULL,

doctor\_language VARCHAR(100) NOT NULL,

doctor\_specialize VARCHAR(100) NOT NULL,

doctor\_image LONGBLOB NOT NULL,

doctor\_status BOOL NOT NULL,

user\_id INT NOT NULL,

clinic\_id INT NOT NULL,

FOREIGN KEY (user\_id) REFERENCES user(user\_id),

FOREIGN KEY (clinic\_id) REFERENCES clinic(clinic\_id));

CREATE TABLE clinic\_request

(cr\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

cr\_type VARCHAR(100) NOT NULL,

cr\_reason VARCHAR(100) NOT NULL,

cr\_datetime DATETIME NOT NULL,

cr\_detail VARCHAR(2000),

cr\_ifreject VARCHAR(2000),

cr\_status VARCHAR(100) NOT NULL,

clinic\_id INT NOT NULL,

FOREIGN KEY (clinic\_id) REFERENCES clinic(clinic\_id));

CREATE TABLE appointment\_request

(ar\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

ar\_date DATE NOT NULL,

ar\_time TIME NOT NULL,

ar\_detail VARCHAR(2000),

ar\_status VARCHAR(100) NOT NULL,

ar\_doctor BOOL NOT NULL,

ar\_ifreject VARCHAR(2000),

ar\_datetime DATETIME NOT NULL,

patient\_id INT NOT NULL,

clinic\_id INT NOT NULL,

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

FOREIGN KEY (clinic\_id) REFERENCES clinic(clinic\_id));

CREATE TABLE appointment

(appointment\_id INT AUTO\_INCREMENT PRIMARY KEY NOT NULL,

appointment\_prescription VARCHAR(2000),

appointment\_complete BOOL NOT NULL,

ar\_id INT NOT NULL,

doctor\_id INT NOT NULL,

FOREIGN KEY (ar\_id) REFERENCES appointment\_request(ar\_id),

FOREIGN KEY (doctor\_id) REFERENCES doctor(doctor\_id));

**Inserting admin account**

INSERT INTO user (user\_email, user\_password, user\_type)

VALUES ('admin@gmail.com', '123456789', 'admin');