CREATE DATABASE system\_of\_applications;

CREATE TABLE roles (

role\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

role\_name VARCHAR(15) NOT NULL

);

CREATE TABLE rights (

right\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

right\_name VARCHAR(15) NOT NULL

);

CREATE TABLE role\_and\_right (

role\_id INT NOT NULL,

FOREIGN KEY role\_id REFERENCES roles (role\_id),

right\_id INT NOT NULL,

FOREIGN KEY right\_id REFERENCES rights(right \_id)

);

CREATE TABLE users (

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

first\_name VARCHAR(15) NOT NULL,

second\_name VARCHAR(15) NOT NULL,

role\_id INT NOT NULL,

FOREIGN KEY role\_id REFERENCES roles (role\_id)

);

CREATE TABLE conditions (

condition\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

condition\_name VARCHAR(15) NOT NULL

);

CREATE TABLE categoryes (

category\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

category\_name VARCHAR(15) NOT NULL

);

CREATE TABLE applications (

application\_id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

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

create\_date DATE NOT NULL,

comments VARCHAR(50) NOT NULL,

file\_location VARCHAR(20) NOT NULL,

condition\_id INT NOT NULL,

FOREIGN KEY condition\_id REFERENCES conditions (condition\_id),

category\_id INT NOT NULL,

FOREIGN KEY category\_id REFERENCES c categoryes (category\_id)

);

INSERT INTO roles (role\_name) VALUES (‘admin’) ;

INSERT INTO roles (role\_name) VALUES (‘user’) ;

INSERT INTO rights (right\_name) VALUES (‘write’) ;

INSERT INTO rights (right\_name) VALUES (‘read’) ;

INSERT INTO role\_and\_right VALUES (‘1’, ’1’) ;

INSERT INTO role\_and\_right VALUES (‘1’, ’2’) ;

INSERT INTO users (first\_name, second\_name, role\_id) VALUES (‘Alex’, ’Semenov’, ’1’) ;

INSERT INTO users (first\_name, second\_name, role\_id) VALUES (‘Misha’, ’Ivanov’, ’2’) ;

INSERT INTO conditions (condition\_name) VALUES (‘открыта’) ;

INSERT INTO conditions (condition\_name) VALUES (‘закрыта’) ;

INSERT INTO categoryes (category\_name) VALUES (‘ошибки’) ;

INSERT INTO categoryes (category\_name) VALUES (‘добавление возможностей’) ;

INSERT INTO applications (user\_id, create\_date, comments, file\_location, condition\_id, category\_id) VALUES (‘1’, ’2017-01-01’, ’комментарий’, ’C:/file.txt’, ’1’, ’2’) ;

INSERT INTO applications (user\_id, create\_date, comments, file\_location, condition\_id, category\_id) VALUES (‘2’, ’2017-01-01’, ’комментарий’, ’ C:/file.txt’, ’2’, ’1’) ;