CREATE TABLE roles (

role\_id int IDENTITY (1, 1) NOT NULL,

role\_name varchar(255),

description varchar(255),

CONSTRAINT pk\_roles PRIMARY KEY (role\_id)

)

GO

CREATE TABLE users (

user\_id int IDENTITY (1, 1) NOT NULL,

username varchar(255),

password varchar(255),

status varchar(255),

avatar varchar(255),

email varchar(255),

gender varchar(255),

dob datetime,

address varchar(255),

phone\_number varchar(255),

created\_date datetime,

updated\_date datetime,

delete\_at datetime,

role\_id int,

employee\_id int,

CONSTRAINT pk\_users PRIMARY KEY (user\_id)

)

GO

ALTER TABLE users ADD CONSTRAINT uc\_users\_employee UNIQUE (employee\_id)

GO

ALTER TABLE users ADD CONSTRAINT FK\_USERS\_ON\_EMPLOYEE FOREIGN KEY (employee\_id) REFERENCES employees (employee\_id)

GO

ALTER TABLE users ADD CONSTRAINT FK\_USERS\_ON\_ROLE FOREIGN KEY (role\_id) REFERENCES roles (role\_id)

GO

CREATE TABLE profiles (

profile\_id int IDENTITY (1, 1) NOT NULL,

link nvarchar(255),

created\_date datetime,

updated\_date datetime,

delete\_at datetime,

employee\_id int,

CONSTRAINT pk\_profiles PRIMARY KEY (profile\_id)

)

GO

ALTER TABLE profiles ADD CONSTRAINT FK\_PROFILES\_ON\_EMPLOYEE FOREIGN KEY (employee\_id) REFERENCES employees (employee\_id)

GO

CREATE TABLE employees (

employee\_id int IDENTITY (1, 1) NOT NULL,

status varchar(255),

avatar varchar(255),

name varchar(255),

email varchar(255),

gender varchar(255),

address varchar(255),

dob datetime,

phone\_number varchar(255),

created\_date datetime,

updated\_date datetime,

delete\_at datetime,

user\_id int,

CONSTRAINT pk\_employees PRIMARY KEY (employee\_id)

)

GO

ALTER TABLE employees ADD CONSTRAINT uc\_employees\_user UNIQUE (user\_id)

GO

ALTER TABLE employees ADD CONSTRAINT FK\_EMPLOYEES\_ON\_USER FOREIGN KEY (user\_id) REFERENCES users (user\_id)

GO

CREATE TABLE missions (

mission\_id int IDENTITY (1, 1) NOT NULL,

description varchar(255),

status varchar(255),

task\_description varchar(255),

address varchar(255),

start\_date datetime,

end\_date datetime,

salary float(53),

rating int NOT NULL,

feed\_back varchar(255),

created\_date datetime,

updated\_date datetime,

delete\_at datetime,

employee\_id int,

contract\_id int,

CONSTRAINT pk\_missions PRIMARY KEY (mission\_id)

)

GO

ALTER TABLE missions ADD CONSTRAINT FK\_MISSIONS\_ON\_CONTRACT FOREIGN KEY (contract\_id) REFERENCES contracts (contract\_id)

GO

ALTER TABLE missions ADD CONSTRAINT FK\_MISSIONS\_ON\_EMPLOYEE FOREIGN KEY (employee\_id) REFERENCES employees (employee\_id)

GO

CREATE TABLE training\_catalog (

training\_catalog\_id int IDENTITY (1, 1) NOT NULL,

training\_catalog\_name varchar(255),

description varchar(255),

duration varchar(255),

certificate bit NOT NULL,

created\_date datetime,

updated\_date datetime,

CONSTRAINT pk\_training\_catalog PRIMARY KEY (training\_catalog\_id)

)

GO

CREATE TABLE class\_trainings (

class\_training\_id int IDENTITY (1, 1) NOT NULL,

class\_name varchar(255),

status varchar(255),

description varchar(255),

location varchar(255),

start\_date datetime,

end\_date datetime,

delete\_at datetime,

training\_catalog\_id int,

CONSTRAINT pk\_class\_trainings PRIMARY KEY (class\_training\_id)

)

GO

ALTER TABLE class\_trainings ADD CONSTRAINT FK\_CLASS\_TRAININGS\_ON\_TRAININGCATALOG FOREIGN KEY (training\_catalog\_id) REFERENCES training\_catalog (training\_catalog\_id)

GO

CREATE TABLE service (

service\_id int IDENTITY (1, 1) NOT NULL,

service\_name varchar(255),

description varchar(255),

price float(53) NOT NULL,

updated\_date datetime,

CONSTRAINT pk\_service PRIMARY KEY (service\_id)

)

GO

CREATE TABLE service\_requests (

service\_request\_id int IDENTITY (1, 1) NOT NULL,

status varchar(255),

number\_of\_guards int,

budget float(53) NOT NULL,

address varchar(255),

start\_date datetime,

end\_date datetime,

note varchar(255),

created\_date datetime,

updated\_date datetime,

delete\_at datetime,

user\_id int,

service\_id int,

CONSTRAINT pk\_servicerequests PRIMARY KEY (service\_request\_id)

)

GO

ALTER TABLE service\_requests ADD CONSTRAINT FK\_SERVICEREQUESTS\_ON\_SERVICE FOREIGN KEY (service\_id) REFERENCES service (service\_id)

GO

ALTER TABLE service\_requests ADD CONSTRAINT FK\_SERVICEREQUESTS\_ON\_USER FOREIGN KEY (user\_id) REFERENCES users (user\_id)

GO

CREATE TABLE contracts (

contract\_id int IDENTITY (1, 1) NOT NULL,

status varchar(255),

number\_of\_guard int,

address varchar(255),

start\_date datetime,

end\_date datetime,

price float(53) NOT NULL,

tax float(53) NOT NULL,

payment\_method varchar(255),

create\_date datetime,

rating int NOT NULL,

feed\_back varchar(255),

service\_request\_id int,

CONSTRAINT pk\_contracts PRIMARY KEY (contract\_id)

)

GO

ALTER TABLE contracts ADD CONSTRAINT FK\_CONTRACTS\_ON\_SERVICEREQUEST FOREIGN KEY (service\_request\_id) REFERENCES service\_requests (service\_request\_id)

GO

CREATE TABLE reports (

report\_id int IDENTITY (1, 1) NOT NULL,

title varchar(255),

information varchar(255),

status varchar(255),

file\_link\_report varchar(255),

created\_date datetime,

updated\_date datetime,

user\_id int,

contract\_id int,

CONSTRAINT pk\_reports PRIMARY KEY (report\_id)

)

GO

ALTER TABLE reports ADD CONSTRAINT FK\_REPORTS\_ON\_CONTRACT FOREIGN KEY (contract\_id) REFERENCES contracts (contract\_id)

GO

ALTER TABLE reports ADD CONSTRAINT FK\_REPORTS\_ON\_USER FOREIGN KEY (user\_id) REFERENCES users (user\_id)

GO