CREATE TABLE Country (

country\_id CHAR(3) NOT NULL,

country\_name VARCHAR(100) NOT NULL,

PRIMARY KEY (country\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Town (

town\_id CHAR(5) NOT NULL,

country\_id CHAR(3) NOT NULL,

town\_name VARCHAR(100) NOT NULL,

PRIMARY KEY (town\_id),

FOREIGN KEY (country\_id) REFERENCES Country(country\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Person (

identification\_no CHAR(11) NOT NULL,

town\_id CHAR(5) NOT NULL,

first\_name VARCHAR(15) NOT NULL,

last\_name VARCHAR(20) NOT NULL,

street VARCHAR(30),

orientation\_no INTEGER,

PRIMARY KEY (identification\_no),

FOREIGN KEY (town\_id) REFERENCES Town(town\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Car\_service (

ICO CHAR(8) NOT NULL,

town\_id CHAR(5) NOT NULL,

service\_name VARCHAR(30) NOT NULL,

street VARCHAR(20) NOT NULL,

orientation\_no INTEGER,

phone\_number VARCHAR(15) NOT NULL,

contact VARCHAR(40),

PRIMARY KEY (ICO),

FOREIGN KEY (town\_id) REFERENCES Town(town\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

-- idem pouzit tabulku Users

/\*

CREATE TABLE Login (

email VARCHAR(50) NOT NULL,

nick\_name VARCHAR(20) NOT NULL UNIQUE,

password VARCHAR(200),

PRIMARY KEY (email)

);

\*/

CREATE TABLE Users (

id INTEGER(10) NOT NULL AUTO\_INCREMENT,

name VARCHAR(30) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

email\_verified\_at TIMESTAMP,

password VARCHAR(255) NOT NULL,

remember\_token VARCHAR(100),

created\_at TIMESTAMP,

updated\_at TIMESTAMP,

PRIMARY KEY (id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Role (

role\_id INTEGER(10) NOT NULL AUTO\_INCREMENT,

role\_name VARCHAR(255) NOT NULL,

PRIMARY KEY (role\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE User\_role (

user\_id INTEGER NOT NULL,

role\_id INTEGER NOT NULL,

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

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

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Customer (

identification\_no CHAR(11) NOT NULL,

user\_id INTEGER(10),

PRIMARY KEY (identification\_no),

FOREIGN KEY (identification\_no) REFERENCES Person(identification\_no),

FOREIGN KEY (user\_id) REFERENCES Users(id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Customer\_order (

order\_id INTEGER NOT NULL AUTO\_INCREMENT,

identification\_no CHAR(11) NOT NULL,

status VARCHAR(15),

order\_date DATE,

PRIMARY KEY (order\_id),

FOREIGN KEY (identification\_no) REFERENCES Customer(identification\_no))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Employee (

hire\_date DATE NOT NULL,

ICO CHAR(8) NOT NULL,

identification\_no CHAR(11) NOT NULL,

work\_position VARCHAR(20) NOT NULL,

working\_hour\_start INT NOT NULL,

working\_hour\_end INT NOT NULL,

price\_per\_hour FLOAT NOT NULL,

termination\_date DATE,

PRIMARY KEY (hire\_date,ICO,identification\_no),

FOREIGN KEY (ICO) REFERENCES Car\_service(ICO),

FOREIGN KEY (identification\_no) REFERENCES Person(identification\_no))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Absence (

absence\_id INTEGER NOT NULL AUTO\_INCREMENT,

hire\_date DATE NOT NULL,

ICO CHAR(8) NOT NULL,

identification\_no CHAR(11) NOT NULL,

absence\_from DATE NOT NULL,

absence\_to DATE NOT NULL,

PRIMARY KEY (absence\_id),

FOREIGN KEY (hire\_date,ICO,identification\_no) REFERENCES

Employee(hire\_date,ICO,identification\_no))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Services (

service\_id INTEGER NOT NULL AUTO\_INCREMENT,

name VARCHAR(200) NOT NULL,

type VARCHAR(50) NOT NULL,

hour\_duration INTEGER NOT NULL,

price\_per\_hour float NOT NULL,

PRIMARY KEY (service\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Reservation (

reservation\_id INTEGER NOT NULL AUTO\_INCREMENT,

order\_id INTEGER NOT NULL,

hire\_date DATE NOT NULL,

ICO CHAR(8) NOT NULL,

identification\_no CHAR(11) NOT NULL,

service\_id INTEGER NOT NULL,

repair\_date DATE NOT NULL,

work\_hours INTEGER NOT NULL,

PRIMARY KEY (reservation\_id),

FOREIGN KEY (hire\_date,ICO,identification\_no) REFERENCES

Employee(hire\_date,ICO,identification\_no),

FOREIGN KEY (order\_id) REFERENCES Customer\_order(order\_id),

FOREIGN KEY (service\_id) REFERENCES Services(service\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Car\_brand (

brand\_id INTEGER NOT NULL AUTO\_INCREMENT,

brand\_name VARCHAR(30) NOT NULL,

PRIMARY KEY (brand\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Car\_type (

car\_type\_id INTEGER NOT NULL AUTO\_INCREMENT,

brand\_id INTEGER NOT NULL,

car\_type\_name VARCHAR(100) NOT NULL,

PRIMARY KEY (car\_type\_id),

FOREIGN KEY (brand\_id) REFERENCES Car\_brand(brand\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Car\_parts (

car\_part\_id INTEGER NOT NULL AUTO\_INCREMENT,

car\_type\_id INTEGER NOT NULL,

part\_name VARCHAR(100) NOT NULL,

part\_price FLOAT NOT NULL,

stock INTEGER,

image VARCHAR(255),

PRIMARY KEY (car\_part\_id),

FOREIGN KEY (car\_type\_id) REFERENCES Car\_type(car\_type\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Order\_items (

order\_id INTEGER NOT NULL,

car\_part\_id INTEGER NOT NULL,

quantity INTEGER NOT NULL,

PRIMARY KEY (order\_id,car\_part\_id),

FOREIGN KEY (order\_id) REFERENCES Customer\_order(order\_id),

FOREIGN KEY (car\_part\_id) REFERENCES Car\_parts(car\_part\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;

CREATE TABLE Shopping\_cart (

user\_id INTEGER NOT NULL,

car\_part\_id INTEGER NOT NULL,

quantity INTEGER NOT NULL,

added\_at TIMESTAMP,

PRIMARY KEY (user\_id,car\_part\_id),

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

FOREIGN KEY (car\_part\_id) REFERENCES Car\_parts(car\_part\_id))

CHARACTER SET utf16 COLLATE utf16\_slovak\_ci;