CREATE TABLE "User" (

"id" INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,

"login" TEXT,

"password" TEXT,

"role" INTEGER

);

CREATE table Contractor

(

id INTEGER PRIMARY KEY AUTOINCREMENT,

name VARCHAR(50) NOT NULL,

role VARCHAR(50)

);

CREATE table Warehouse

(

id INTEGER PRIMARY KEY AUTOINCREMENT,

name VARCHAR(50) NOT NULL,

address VARCHAR(50)

);

CREATE table Product

(

id INTEGER PRIMARY KEY AUTOINCREMENT,

name VARCHAR(50) NOT NULL,

price REAL

);

CREATE table Cust

(

id INTEGER PRIMARY KEY AUTOINCREMENT,

date DATE NOT NULL,

wh\_id INTEGER,

contractor\_id INTEGER,

CONSTRAINT wh\_fk\_cust FOREIGN key (wh\_id) REFERENCES Warehouse(id),

CONSTRAINT con\_fk\_cust FOREIGN key (contractor\_id) REFERENCES Contractor(id)

);

CREATE table product\_in\_cust

(

count INTEGER,

cust\_id INTEGER,

product\_id integer,

CONSTRAINT cust\_fk FOREIGN key (cust\_id) REFERENCES Cust(id),

CONSTRAINT prod\_fk FOREIGN key (product\_id) REFERENCES Product(id),

CONSTRAINT pk\_p\_in\_cust

PRIMARY KEY (cust\_id, product\_id)

);

CREATE table product\_on\_wh

(

count INTEGER,

wh\_id INTEGER,

product\_id integer,

CONSTRAINT wh\_fk FOREIGN key (wh\_id) REFERENCES Warehouse(id),

CONSTRAINT prod2\_fk FOREIGN key (product\_id) REFERENCES Product(id),

CONSTRAINT pr\_on\_wh\_pk

PRIMARY KEY (wh\_id, product\_id)

);