

USER(username, name, dob, phone, address, password, email)

MANAGER(username, id)

-fk username references USER

EMPLOYEE(username, id)

-fk username references USER

CUSTOMER(username)

-fk username references USER

CART(cartID, createdby, username)

-fk username references USER

ORDER(orderID, createdby, date, totalPrice, username, id)

-fk (username, id) references MANAGER

PROCESS(cartID, orderID)

-fk cartID references CART

orderID reference ORDER

CONTAINS(cartID, productNum, barcode)

-fk (productNum, barcode) references ITEMS

cartID reference CART

ITEMS(productNum, barcode, name, description, salesPrice, purchasePrice)

LOCATION(storeNum, name, address, phone, hours, department)

LOCATED(productNum, barcode, storeNum)

-fk (productNum, barcode) references ITEMS

storeNum references LOCATION

STORE(storeNum)

-fk storeNum references LOCATION

WAREHOUSE(storeNum)

-fk storeNum references LOCATION