```
Relations:
PurchaseHistory(hID, pID, sID, Price, Quality, Date) //hID stands for history ID
Products(pID, pName)
Stores(sID, sName)
ShoppingList(pID, CheckMark)
Quality = \{0, 1, 2\} //0=low, 1=medium, 2=high
CheckMark = {0, 1} //0=false, 1=true
Foreign key constraints:
PurchaseHistory[pID] ⊆ Products[pID]
PurchaseHistory[sID] ⊆ Stores[sID]
ShoppingList[pID] ⊆ Products[pID]
SQLite:
CREATE TABLE PurchaseHistory (
  hID PRIMARY KEY NOT NULL AUTOINCREMENT,
  pID INT NOT NULL.
  SID INT NOT NULL.
  Price DOUBLE NOT NULL,
  Quality INT NOT NULL DEFAULT 0, //default as high quality
  Date TEXT NOT NULL //as ISO8601 strings ("YYYY-MM-DD HH:MM:SS.SSS")
);
CREATE TABLE Products(
  pID INT PRIMARY KEY NOT NULL AUTOINCREMENT,
  pName VARCHAR NOT NULL UNIQUE
);
CREATE TABLE Stores(
  SID INT PRIMARY KEY NOT NULL AUTOINCREMENT,
  sName VARCHAR NOT NULL UNIQUE
);
CREATE TABLE ShoppingList(
  pID INT PRIMARY KEY NOT NULL,
  CheckMark BOOLEAN NOT NULL DEFAULT 0 //default as not checked
);
//SQLite does not have a separate Boolean storage class, it uses 0 for false, 1 for true
```