Empolyee ( empId (PK), fname, lname, address, phone, email )

The primary key ‘empId’ is forigne key into the ‘Customer’ realtion.

Supplier ( supplierID (PK), businessName, address, phone, email )

The primary key ‘supplierID’ is a foreign key into the ‘Supplies’ relation.

Supplies ( supplierID (FK), HardwareID(FK), quantity, date )

Hardware ( HardwareID (PK), cost, description, onhand )

The primary key ‘HardwareID’ is a forigne key into the ‘Supplies’ and ‘Buys’ relations.

Buys ( custID (FK), HardwareID (FK), pricePaid, quantity )

Customer ( CustID (PK), empId (FK), fname, lname, address, phone, email )

Functional Dependences

FD’s

empId 🡪 fname, lname, address, phone, email.

SupplierId 🡪 businessName, address, phone, email.

hardwareId 🡪 cost, description, onhand.

custId 🡪 fname, lname, address, phone, email.

custId, hardwareId 🡪 pricePaid, quantity.

supplierId, hardwareId 🡪 quantity, date.