Logical design Version 2

Customer (customer_id, startDate)

PK customer_id

Team_skier (name, customer_id, dob, club, annual_skies)

PK name

PPK customer_id REFERENCES customer (customer_id)

Individual_store (name, customer_id, address, price)

PK name

PPK customer_id REFERENCES customer (customer_id)

Franchise (name, shipping_address, buying_price, Franchise)

PK customer_id

PPK customer_id REFERENCES customer (customer_id)

Franchise_store (name, shipping)

PK name

FK franchise_name RERERENCES Franchise (Franchise)

Employee (employee_number, name, department)

PK employee_number

productionplan (PlanID, startdate, enddate)

PK PlanID

FK employeeNumber RERERENCES Employee (employeeNumber)

Productionplenreference (PlanID, ProductID, Quantity, ReferenceID)

PK ReferenceID

FK ProductID RERERENCES ski (ProductID)

FK PlanID REFERENCES productionplan (PlanID)

Transporter (transporterID, name)

PK transporterID

Order (orderNumber, customer_id, quantity, totalPrice, ProductID, state, date)

PK orderNumber

FK ProductID REFERENCES ski (ProductID)

FK customer_id REFERENCES customer (customer_id)

ski (productID, typeID, length, weight, reserved)

PK productID

FK typeID REFERENCES skitype (typeID)

skitype (typeID, type, description, historical, url, MSRP)

PK typeID

Shipment (shipmentNumber, shippingAddress, pickUpDate, state, transporterID, orderNumber)

PK shipmentNumber

FK orderNumber REFERENCES orders (orderNumber)