

# Logical Database Design

**skiType**(type, model, temperature, gripSystem, TypeOfSkiing, description, historical, msrp, ski\_pnr)  
PRIMARY KEY type, model, temperature, gripSystem

**order**(number, totalPrice, state, customer\_id, ski\_pnr)  
PRIMARY KEY number  
FOREIGN KEY customer\_id REFERENCES customer(id)  
FOREIGN KEY ski\_pnr REFERENCES ski(pnr)

**orderItems**(order\_number, ski\_pnr)  
PRIMARY KEY order\_number, ski\_pnr  
FOREIGN KEY order\_number REFERENCES order(number)  
FOREIGN KEY ski\_pnr REFERENCES ski(pnr)

**ski**(pnr, size, weightClass, productionDate, skiType\_type, skiType\_model, skiType\_temperature, skiType\_gripSystem, order\_number)  
PRIMARY KEY pnr  
FOREIGN KEY skiType\_type REFERENCES skiType(type)  
FOREIGN KEY skiType\_model REFERENCES skiType(model)  
FOREIGN KEY skiType\_temperature REFERENCES skiType(temperature)  
FOREIGN KEY skiType\_gripSystem REFERENCES skiType(gripSystem)  
FOREIGN KEY order\_number REFERENCES order(number)

**shipment**(number, store\_name, shipping\_address, pickup\_date, state, transport\_company, driver\_id, order\_number, transporter\_company\_name)  
Primary Key number  
Foreign Key order\_number REFERENCES order(number)  
Foreign Key transporter\_company\_name REFERENCES transporter(company\_name)

**customer**(id, contractStart, contractEnd)  
PRIMARY KEY id

**franchise**(ecustomer\_id, contract\_start, contract\_end, name, address, price)  
PRIMARY KEY customer\_id  
FOREIGN KEY customer\_id REFERENCES customer(id)

**store**(customer\_id, contract\_start, contract\_end, name, address, price)  
PRIMARY KEY customer\_id  
FOREIGN KEY customer\_id REFERENCES customer(id)

**athlete**(customer\_id, contract\_start, contract\_end, name, dob, club, annual\_quant)

PRIMARY KEY customer\_id

FOREIGN KEY customer\_id REFERENCES customer(id)

*To do:*

*employee(number, name)*

*PRIMARY KEY number*

*production\_planer(number, name, production\_plan\_period)*

*Primary Key number*

*storekeeper(number, name)*

*Primary Key number*

*customer\_rep(number, name)*

*Primary Key number*