

groceryUser = (UserName, passcode, firstName, lastName, zip, state, city, street)

customer = (UserName [fk1], ccNumber, CVV, ExpDate)

fk1 : UserName → groceryUser.UserName

employee = (UserName [fk2])

fk2 : UserName → groceryUser.UserName

groceryAdmin = (UserName [fk6])

fk6 : UserName → groceryUser.UserName

groceryChain = (chainName)

manager = (UserName [fk4], Manages [fk5])

fk4: UserName → employee.UserName

fk5: Manages → groceryChain.chainName

store = (chainName [fk9], storeName, Zip, State, City, Street)

fk9 : chainName → groceryChain.chainName

technician = (UserName [fk10], Works_At [fk11])

fk10 : UserName → employee.UserName

fk11 : Works_At → store.chainName

drone = (ID, radius, zip, droneStatus, Worked_on_by [fk3])

fk3: Worked on by → technician.UserName

groceryOrder = (ID, orderStatus, orderDate, Made By [fk7], Deliver [fk8])

fk7 : Made by → customer.UserName

fk8 : Deliver → drone.ID

item = (itemName, orderType, origin, organic)

chainItem = (chainName [fk12], itemName [fk13], PLU Number, order_limit, quantity, price)

fk12 : chainName → groceryChain.chainName

fk13 : itemName → item.itemName

groceryContains = (ID [fk14], PLU Number, chainName, itemName [fk15],
groceryChain Item Quantity)

fk14 : ID → groceryOrder.ID

fk15 : PLU Number, chainName, itemName → ChainItem.PLU Number,
chainItem.chainName, ChainItem.itemName