

## Project Deliverable 2: Listing of Relational Schema (Gabriella and Blake)

- **Customer Type** is a type table that describes the type of customer (influencer, member, ambassador) and has an ID to identify that (PK)
  - Contains description information
  - One customer type can apply to many customers
- **Customer** has a unique CustID to denote an individual customer (PK)
  - table receives CustTypeID (FK)
  - Contains information customer first name, last name, address, and date of birth
  - One customer has can have many orders
- **Order:** Has a unique OrderID to denote a specific order (PK)
  - this table receives the CustID and OrderProductID (FK)
  - Contains information about the quantity of the products ordered (OrderProductQuantity), as well as the date of the order (OrderDate)
  - An order can consist of many order products
  - Contains an OrderStoreID (multiple stores can fulfill one order)
- **OrderStore:** This table is an associative entity. OrderStoreID is the primary key. This table resolves a many to many relationship
  - Contains OrderID (FK)
  - Contains StoreID (FK)
- **Store:** This table has a unique ID for each store (PK)
  - Contains StoreName, StoreAddress
  - One store can fulfill many orders
- **EmployeeType:** has a unique ID to identify the different types of employees (PK)
  - Contains a description labeling the EmployeeTypeID's (Manager, cashier, greeter)
  - One Employee type is applicable to many employees
- **Employee:** has a unique ID to identify an individual employee (PK)
  - Receives the employee type identifier, EmployeeTypeID, (FK)
  - Contains information about the employee first name, last name, date of birth, Phone number, email address, and date of birth
- **OrderProduct:** associative entity that has a unique identifier to denote the item(s) of the same that make up part of an order (ex: 2 pairs of the same sunglasses ) (PK)(alleviates many to many)
  - Contains a ProductID, OrderID, and DiscountID (FK).
  - ProductQuantity represents how many of a specific product is in the order. LotPrice calculates the price of those collective "same" items

- Many OrderProducts can create one order, and Many Order products can consist of one product
- **Department:** contains a unique identifier to denote what department a brand/product is from (PK)
  - Contains descriptive information about the what department it is (Makeup, Mens/womens clothing, homegoods, etc)
- **BrandDepartment:** associative entity that has a unique identifier to specify which brand belongs in which department and which department contains what brands (PK) (alleviates many to many)
  - Receives DepartmentID and BrandID (FK)
- **Brand:** contains a unique identifier to denote the brand (PK)
  - Has a description associated with the unique identifier (Gucci, Nike, Birkenstock)
  - Takes in the BrandDepartmentID

