**High Fashion Inc.**

**Project Milestone 1**

**IT-509 Data Management**

**Professor: Dr. Virginia Ilie**

**Date:04/11/2019**

**By:**

**Divya Subhedar**

**California Lutheran University**

****

**ERD1**

**Divya**



**ERD2**

**Divya**



**Assumptions:**

1. Each product is manufactured by only one company.
2. Stores may carry 0 to many products. A product might sell-out.
3. A customer can make zero or more purchases.
4. Every sale is purchased by one and only one customer.
5. Customers can make many purchases but only one specific receipt and sale can go to a customer
6. According to purchase, customer can return one or more products without receipt. (With unique voucher code).
7. Customers can return one or multiple products with receipts.
8. Only one store can receive only one receipt and give cash back on items.
9. Returns need to be connected to inventory, in case return is considered good quality and the customer’s reason was due to gift return (wrong size or dislike of article).
10. Return with receipt needs to be connected to stores due to store tax rate and sales for receipt to document which sales was returned.
11. Stores must have at least one worker and can have many workers, but they cannot have 0.
12. Returns cannot have an overlap, they either have a receipt or they do not.
13. There are no other specializations for returns, therefore it must be a total specialization