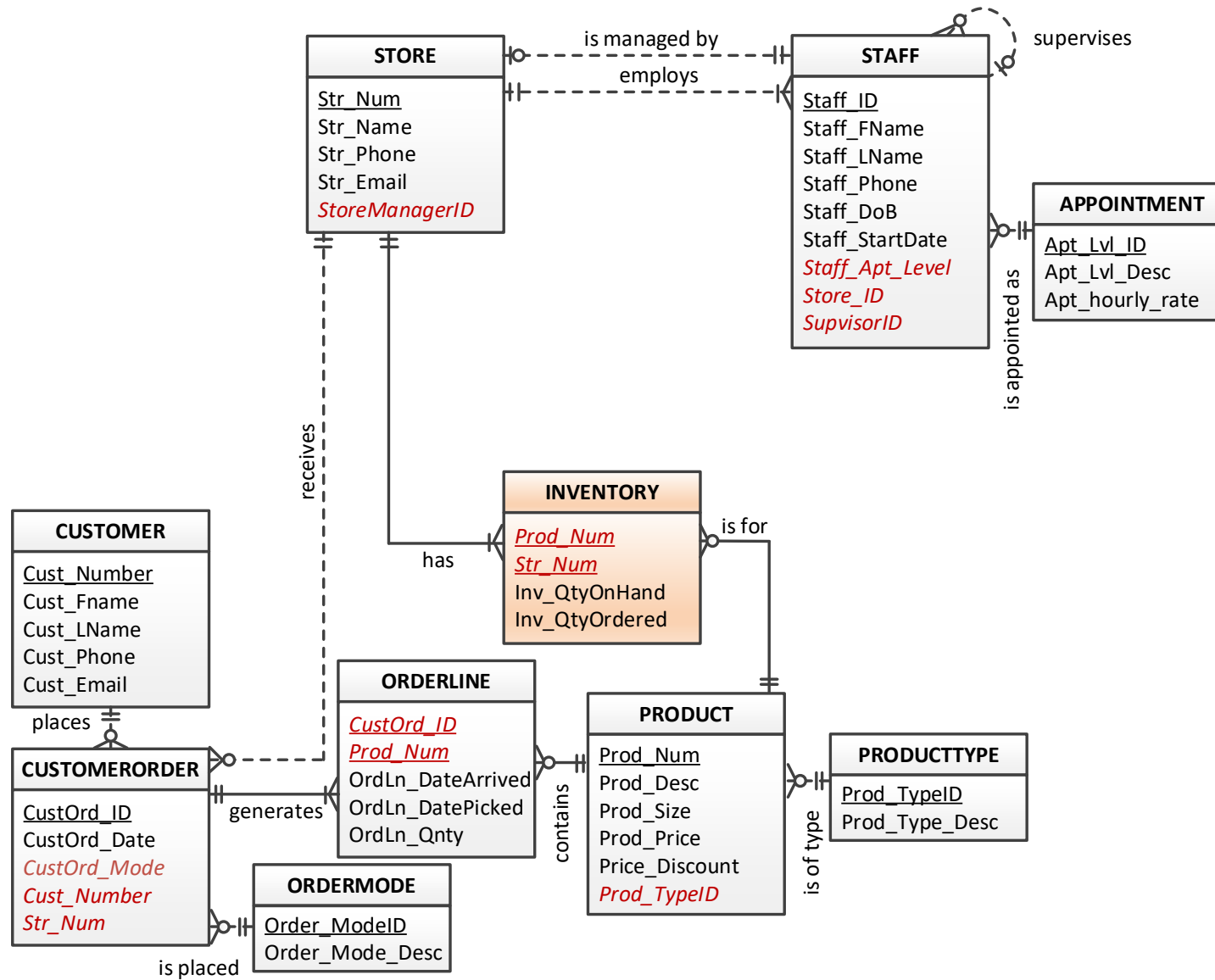


## Assignment Part 2 Specification

Entity Relationship Diagram for a\*Fashion:

## Assignment Part 2 Specification



## Assignment Part 2 Specification

### Relational Database Schema for a\*Fashion:

Relation	Attributes	Data type	Comment
<b>CUSTOMER</b>	Cust_Number	INT	Primary Key, Auto Increase
	Cust_FName	VARCHAR(30)	e.g., Mohammad, John
	Cust_LName	VARCHAR(30)	e.g., Awrangjeb, Wang
	Cust_Phone	CHAR(10)	Includes area code, e.g., 0737355032
	Cust_Email	VARCHAR(60)	e.g., m.fraser@gmail.com
<b>STORE</b>	Str_Num	INT	Primary Key, Auto Increase
	Str_Name	VARCHAR(50)	e.g., a*Fashion Brisbane
	Str_Phone	CHAR(10)	Includes area code, e.g., 0737355032
	Str_Email	VARCHAR(40)	e.g., brisbane@asfasion.com.au
	StoreManagerID	INT	Foreign key reference STAFF(Staff_ID)
<b>APPOINTMENT</b>	Apt_Lvl_ID	CHAR(2)	Primary Key, e.g., M1, M2, S1, S2, T1, T2
	Apt_Lvl_Desc	VARCHAR(40)	e.g., Manager Level 1; Supervisor Level 1; Team Member Level 1
	Apt_Hourly_Rate	DECIMAL(5,2)	e.g., 110.50, 55.12, 25.40
<b>STAFF</b>	Staff_ID	INT	Primary Key, Auto Increase
	Staff_FName	VARCHAR(30)	e.g., Mohammad, John
	Staff_LName	VARCHAR(30)	e.g., Awrangjeb, Smith
	Staff_Phone	CHAR(10)	Includes area code, e.g., 0737355032
	Staff_DoB	DATE	Format: 'YYYY-MM-DD'
	Staff_StartDate	DATE	Format: 'YYYY-MM-DD'
	Staff_Apt_Level	CHAR(2)	Foreign key reference APPOINTMENT(Apt_Lvl_ID)
	Store_ID	INT	Foreign key reference STORE(Str_Num)
	SupvisorID	INT	Foreign key reference STAFF(Staff_ID)
<b>PRODUCTTYPE</b>	Prod_TypeID	INT	Primary Key, Auto Increase
	Prod_Type_Desc	VARCHAR(40)	e.g., Shirt, Pant, Skirt
<b>PRODUCT</b>	Prod_Num	INT	Primary Key, Auto Increase
	Prod_Desc	VARCHAR(50)	e.g., Pant for man, skirt for girl
	Prod_Size	VARCHAR(10)	e.g., Large, Medium, XL, 14, etc.
	Prod_Price	DECIMAL(5,2)	e.g., 110.50 (actual price)

## Assignment Part 2 Specification

<b>INVENTORY</b>	Price_discount	DECIMAL(4,2)	e.g., 11.35 (discount being offered)
	Prod_TypeID	INT	Foreign key reference PRODUCTTYPE(Prod_TypeID)
	Prod_Num	INT	Primary Key, Foreign key reference PRODUCT (Prod_Num)
	Str_Num	INT	Primary Key, Foreign key reference STORE (Str_Num)
	Inv_QtyOnHand	INT	e.g., 100, 2005, etc.
	Inv_QtyOrdered	INT	e.g., 5, 20, etc.
<b>ORDERMODE</b>	Order_ModeID	CHAR(1)	Primary Key, e.g., O, I
	Order_Mode_Desc	VARCHAR(10)	Online, In store
<b>CUSTOMERORDER</b>	CustOrd_ID	INT	Primary Key, Auto Increase
	CustOrd_Date	DATE	Format: 'YYYY-MM-DD'
	CustOrd_Mode	CHAR(1)	Foreign key reference ORDERMODE(Order_ModeID)
	Cust_Number	INT	Foreign key reference CUSTOMER(Cust_Number)
	Str_Num	INT	Foreign key reference STORE(Str_Num)
<b>ORDERLINE</b>	CustOrd_ID	INT	Primary Key, Foreign key reference CUSTOMERORDER (CustOrd_ID)
	Prod_Num	INT	Primary Key, Foreign key reference PRODUCT (Prod_Num)
	OrdLn_DateArrived	DATE	Format: 'YYYY-MM-DD'; same as order date (CustOrd_Date) or later
	OrdLn_DatePicked	DATE	Format: 'YYYY-MM-DD'; same as arrival date (DateArrived) or later
	OrdLn_Qnty	INT	e.g., 2, 4, 5, etc.