Group Project Document – Part 2

Grocery Store Chain Database

- **Project Part 02**
- **Team Number 02**
- **Team Members:**
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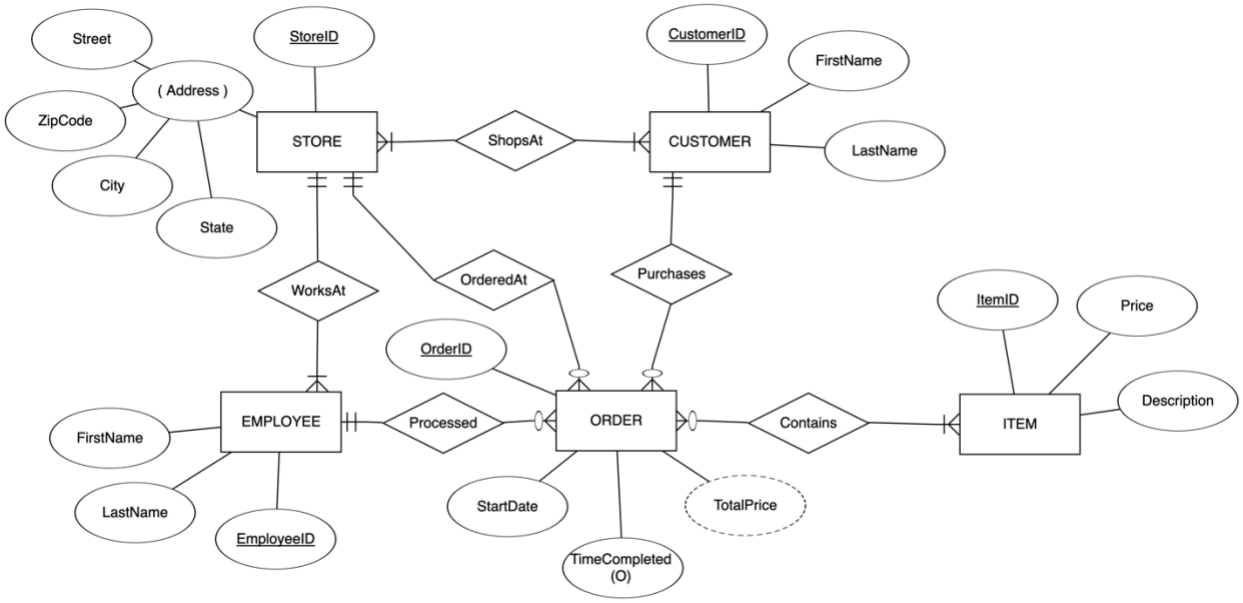
- **Database System Name:** **Grocery Store Chain Database**

Part 1:

Requirements:

- Each **Employee** has a EmployeeID (unique), a FirstName and a LastName.
- Each **Customer** has a CustomerID (unique), a FirstName and a LastName.
- Each **Item** has a ItemID (unique), Price, Description.
- Each **Order** has a unique OrderID, a PurchaseDate, and may have a TimeCompleted or might not be completed yet. Each Order also has a TotalPrice, which is calculated based on the price of every Item in that Order.
- Each **Store** has a unique StoreID, and an Address made up of a Street, City, State and ZipCode.
- Each Employee works at exactly one Store, but each Store has at least one and can have many Employees.
- Each Order contains multiple Items and at least one, and each Item can be in multiple Orders or none.
- Each Employee processes zero or more orders. And Each Order much be processed by one Employee.
- Each Customer can have multiple Orders but doesn't need to have any Orders. Each Order belongs to exactly one Customer.
- Each Customer can visit many stores and must visit at least one. Each Store can have multiple customers or at least one.
- Each Order is created at exactly one Store, and each Store has anywhere from no Orders to many.

ER diagram – : Grocery Store Chain Database



Relational schema diagram -: Grocery Store Chain Database