



BAG-IT

1. Steven Attipoe
2. Philip Narteh
3. Zachery Annancy
4. Michael Nyantekyi

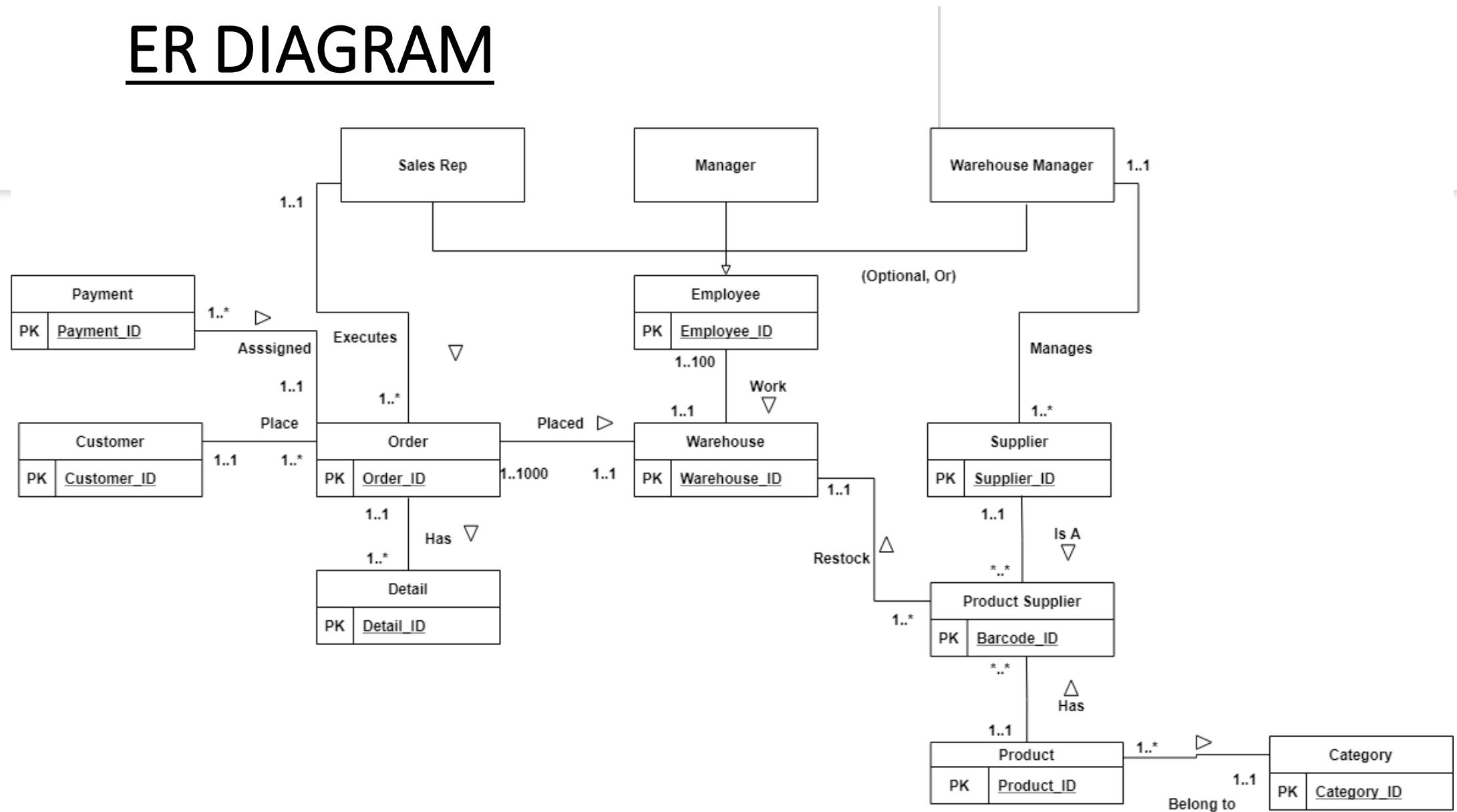




INTRODUCTION

- “Bag It” is a leading grocery store that sells goods ranging from a variety of freshly baked bread to organic produce such as fruits, vegetables, milk and beef to its customers.
- Strong Entities: Order, Detail, Payment, Customer, Warehouse, Employee, Product Supplier, Product, Supplier
- Functionalities of database:
 - Inventory management (Stock level projection and sales)
 - Product Barcoding and Tagging
 - Orders Tracking Module
 - Deliveries module
 - Product categorization module
 - Supplier Tracking module

ER DIAGRAM



Logical Table Derivation

- (Order_ID, Customer_ID, Detail_ID, Payment_ID, Price, Date, Time);
- Details: (Detail_ID, Order_ID, Delivery_ID, Product_ID, Quantity, Total_price,)
- Payment: (Payment_ID, Order_ID, Payment_price, Payment_mode, Payment_date)
- Customer: (Customer_ID, Customer_name, Telephone)
- Warehouse: (Warehouse_ID, Suppliers_ID, Product_ID, Product_avl, Product_sld, Period_sld);
- Employee: (Employee_ID, Employee_name, Telephone_no, DOB, SSN, Email);
- SalesRep: (Employee_ID, SalesRep_salary);
- Manager: (Employee_ID, manager_bonus);
- WarehouseManager: (Employee_ID, WarehouseManager_allowances)
- Suppliers: (Supplier_ID, Product_ID, Supplier_name, Telephone, Product_name);
- Products: (Product_ID, Supplier_ID, Product_name, Product_avl, Product_sld);
- Product Supplier: (Barcode_ID);
- Category: (Category_ID, Product_ID, Category_Name)
- Products: (Product_ID, Barcode_id, Supplier_ID, Product_name, Product_avl, Product_sld)



THANK YOU