ONLINE INVENTORY MANAGEMENT SYSTEM

Approach Note

Group: 3

Harika AP19110010499

Swarna Durga AP19110010334

Fardin AP19110010541

INVENTORY MANAGEMENT SYSTEM

It refers to the process of ordering, storing and using a company's inventory. This includes the management of raw materials, components and finished products, as well as warehousing and processing such items.

For companies with complex supply chains and manufacturing processes, balancing the risks of inventory gluts and shortages is especially difficult. To achieve these balances, firms have developed this inventory management system.
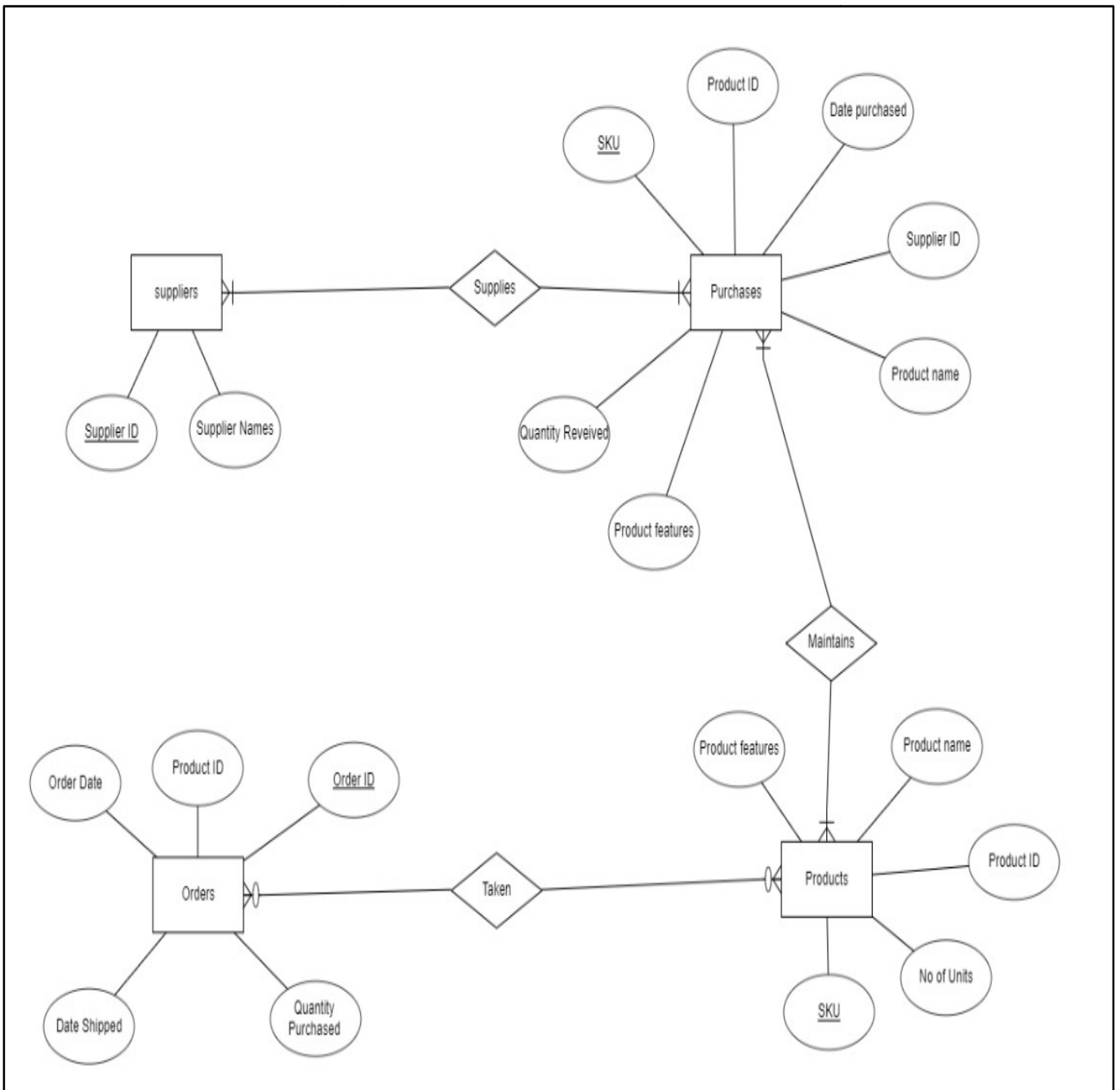
SCOPE:

scope is that who the way the inventory information is used. A manufacturer of durable goods may use inventory information to control the costs of raw materials and maximize margins while food manufacturer give the priority to fast turnover of inventory to ensure the freshness and by this we can understand that it's the way that inventory information is used, Any small scale business with a few customizations can use this project to keep track of their products.

GOAL:

The goal of this project is that developing a system which is user friendly and it is easy for user to use it and by using this software we manage the inventory properly and minimum investment and then get the maximum profit on the investment.

ER-Diagram

Design

In this project, we have four tables - suppliers, purchases, products and orders. Products and Orders are the only tables that the workers interact with when a customer to the
business is buying a product. Suppliers and Purchases are the only tables that the workers
interact with when buying products from other medium or large scale companies. Each product (for example books) bought in bulk order will be individually given an SKU (Stock
Keeping Unit). Unique products will have unique SKUs. A product of same type (for example all
the *hardcover* books Dracula by Bram Stoker will have a unique SKU and all the *paperback*
books Dracula by Bram Stoker will have a unique SKU).

Brief Description: INVENTORY MANAGEMENT SYSTEM

Create a database project for a small scale company's inventory management. In this project,
we create tables for:
1. ***suppliers:*** with supplier ID, phone Number and other relevant attributes,
2. ***purchases:*** with product ID, supplier ID, date Purchased and other relevant attributes,
3. ***products:*** with product ID, product Type and other relevant attributes
4. ***orders:*** with order ID, Name, order Date, shipped Date and other relevant attributes.