

CO-226 DATABASE PROJECT

Amazon Inventory Management System

1. Project Description

- An online retail shop has many stores in different locations in different countries.
- All the locations are handled by dedicated employees. Each location houses products sent by various companies.
- Customers can place orders based on the current availability of products at warehouses and the ordered products will be shipped to the customer at the promised delivery date.

2. User and Their requirements

- Only Managers have full control and access to the entire database. The users can only place orders.
- They will not directly interact with the database(they will interact with a website). Based on the orders they place the database will automatically be updated.
- Suppliers also will not directly interact with the database.
- However they are given full control over what they can supply to the database.
- A supplier will not be denied the chance to supply any product they want.
- They can also supply in whatever quantity they want.

3. Conceptual Model

4. Logical Model