

Shipping Database

Description:

For managing customer orders, purchases, items, and distributors is provided by our shipping database design, which helps us organize/track information concerning the shipping process. Our database consists of multiple SQL tables linked to each other (foreign keys), each of which focus on a significant entity within the database. Data from the Order table will come from the Customer table, which holds information about specific customers such as first and last names and addresses. All the data from the Customer's order details such as the order date, departure time, and delivery time, are recorded in the Orders database. By using a foreign key relationship, this table creates a vital connection to the Customer table that basically will have the orders to be associated with specific customers. Furthermore, the Distributor table contains information about the organizations in charge of distributing the products. The Product table contains important information about the products, such as the name, price, and its distributor. These tables are all linked to one another which helps us to easily track the shipment and allow for a fast retrieval of information about what type of product we have, customer orders, and distributors.

To conclude, the shipping database design establishes linkages between the entities, through our foreign keys. The design provides us with a reliable solution for tracking customer orders, inventory management, and distribution. It facilitates organized and efficient data administration across all shipping facets for our online customers.

The following are what makes the database function:

- ☐ The database takes the customers first and last name and address in order to create their account.
- ☐ After logging in, the details will be shown of the products which give the user their choice to pick from their favorite product.
- ☐ The addresses will be stored in the customer's account to the database
- ☐ Also, the customers can add the products to their cart and select how many products they would like to add to their quantity in the drop down menu.

