1. **Customers (First\_Name, Last\_Name, Address, Shipping\_ Address, Zipcode, Mobile\_Number, Email\_Address)**  
- This table contains the entry of every customer; this table will help the marketing department to avoid duplicate entries of a single customer.

2. ***Orders* (Order\_ID, *Customer\_ID, Order\_Mode\_ID, Payment\_Mode\_ID, Status\_ID, Delivery\_Mode\_ID,* Order\_Date, Total\_Quantity\_Ordered, isCanceled)**  
- This table contains attributes of the order form which is filled by every customer. This is the main table of the ordering system, which contains foreign keys of other tables in the database.

3. **Shipping (Shipping\_ID, *Order\_ID*, Shipping\_Date, Total\_Quantity\_Shipped, Shipping\_ Address)**  
- This table stores the brief shipping details of items ordered by customers. Also it contains foreign key of Order\_ID, which helps in retrieving the order detail as well as shipping details. It stores parameters like total quantity shipped, shipping date and shipping address.  
  
4. **Shipping\_Details (Shipping\_Details\_ID, *Shipping\_ID, Order\_ID, Item\_ID,* Quantity\_Ordered, Quantity\_Shipped)**  
- This table stores the shipping details of the customer and also the item details ordered by the customer. The main difference between the shipping and shipping\_details table is in shipping details table there is a foreign key of Item\_ID which helps in retrieving the data of items from the inventory..

5. **CreditCard\_Info (CreditCard \_ID, *Customer\_ID, Payment\_Mode\_ID,* CreditCard\_Number, Expiry\_Date, Name\_On\_Card, CVV\_Number, Payment\_Date)**  
- This table stores the information of critical credit card details of the customers like credit card number, expiry date, name on card, CVV and Payment\_Date. Also, two foreign keys Customer\_ID and Payment\_Mode\_ID are kept in this table to get all relevant information required from Customer\_ID. As this is one to one relationship with the customer, One customer can pay by using only one credit card information.  
  
  
6. **Returned\_Item(Return\_ID, Return\_Date, Return\_Description)**  
- This table keeps track of the items returned by customers. This stores attributes like Return\_Date and Return\_Description. Return\_Description is a kind of note where item name, quantity and other information can be stored in one attribute only.  
  
7. **Inventory (Item\_ID, Name, Color, Size, Description, Price, Available\_count)**  
- This table stores all the items and every description of those items which can be ordered by the customers. This table can be used to keep track of the stocks sold and reloaded as required. The attributes used in this table are Item name, color, size, description, price and available count of that particular product.

8. **Order\_Mode (Order\_Mode\_ID, Order\_Mode)**  
- This table stores the order mode of the order; new entry can be added to this database easily and can be referred in the order table via Order\_Mode\_ID. The various attributes used in order mode are (Phone, Fax and Mail).  
  
  
9. **Audit\_Trail (Audit\_Trail\_ID, *Item\_ID*, Trail\_DateTime, AuditTransaction\_Reason, Trail\_ Description)**  
- This table stores information about every status change on each line item. Accessing this table we can track the whole history of customer’s order and the progress for delivering the particular item. Also in this table foreign key of Item\_ID is used to get the item information.  
  
10. **Shipment (Shipment \_ID, Shipment \_Date)**  
- This table stores information about brief shipment details like shipping date. Shipment details only stores the information that is received by the company and automatically updated in the inventory system.  
  
  
11. **Shipment\_Details ( Shipment\_Detail\_ID, *Shipment \_ID, Item\_ ID*, Quantity\_Count)**  
- This table stores information of in-depth shipment details of the order. This stores the item information and quantity received in the shipment. For that two foreign key Item\_ID and Shipment\_ID are used to retrieve the information of Item from Item table and Shipment\_ID from shipment table.  
  
   
12. **Return\_Details ( Return\_Details \_ID, *Return\_ID, Item\_ID*, Return\_Count, Return\_Description)**

- This table holds information of the items returned if the customer is not satisfied with the product. This consist of two foreign keys return\_ID and Item\_ID that helps to retrieve the information of item.  
  
13. **Payment\_Mode( Payment\_Mode \_ID, Payment\_Mode);**  
- This table stores the payment mode of the order; new entry can be added to this database easily and can be referred in the order table via Payment\_ID. Various payment mode are by credit card, postal orders and by check.   
  
  
14. **Other Payment \_Info (Payment\_ID, *Payment\_Mode \_ID*, Customer\_ID, Cheque\_Number, PostalOrder\_Detail, Payment\_Date)**  
- This table holds information about other payment modes used. This will mainly store the information of details if the customer uses the payment method via postal orders or checks.  
  
  
15. **Order\_Status (Status\_ID, Status)**  
- This table display the current information about order status. There are four status used i.e Completed, Incomplete, New and Pending.  
  
  
16. **Delivery\_Mode (Delivery\_Mode \_ID, Delivery\_Mode)**  
- This table stores the delivery type of the order; new entry can be added to this database easily and can be referred in the order table via Delivery\_ID. The options for delivery mode will be by Post with a basic fee, Express door-to-door delivery and for Heavy orders delivered by SATS.  
  
  
17. **Canceled\_Order(Canceled\_ID, *Order\_ID*, Canceled\_Date, Canceled\_Reason)**  
- This table stores the canceled order information. If a customer wishes to cancel the order, he/she can do so if the product is not shipped. The attributes used in this table are canceled\_date and canceled\_reason.  
  
  
18. **Refund (Refund \_ID, *Canceled\_ID, Order\_ID*, Refund\_Amount, Refund\_Description)**

- This table stores the refund information. Once the product is returned or order is canceled the company starts to process the refund. This table stores two foreign key canceled\_id and order\_id. The attributes stored in this table are Refund amount and refund description.  
  
19. **Order\_Details (Order\_Details\_ID, *Order\_ID*, *Item\_ID*, Item\_Price, Personalization, Quantity-Ordered, Priority)**  
- This table stores details of each order. If a customer requires a specific personalization in the order, that data is stored in this table. This table consist of attributes like Item Price, Personalization information, quantity ordered and priority. There are two foreign key used in this table i.e Order\_Id and Item\_Id.