

## ER Diagram Attribute Explanation

1. Table 'users'
  - a. UserID – Primary key, used to identify a user
  - b. Username – unique name used by a user to log in
  - c. Password – password used to log in
  - d. User\_type – The type of user, employees can see more than customer, owner can see more than employees.
  - e. Email – contact info for a user
  - f. Phone- additional contact info for a user.
2. Table 'products'
  - a. ProdID – primary key used to identify a product
  - b. Name – used to store products name
  - c. Price – used to store a products price
  - d. Stock – used to store the stock of a product
  - e. StockInUse – the stock currently in carts, used to calculate available stock
  - f. Image – stored url to display an image for a product
  - g. Description- used to store a description of the product
3. Table 'carts'
  - a. CartID – primary key used to identify a cart
  - b. UserID – foreign key used to link a cart to a user
4. Table 'orders'
  - a. OrderID – primary key used to identify an order
  - b. UserID – foreign key used to tie a user to a order
  - c. Status – the status of an order (processing or shipped)
  - d. OrderDate - date the order was submitted
  - e. TrackingNumber – unique tracking number combine date and orderID
  - f. OrderTotal – used to store the total cost of an order
  - g. Notes – used to store an notes input during order fulfillment
5. Table 'cartItems'
  - a. ItemID – primary key used to identify a cartItem
  - b. CartID – foreign key used to link a cart to its cartItems
  - c. ProdID – another foreign key used to link products to the cart
  - d. Quantity – used to store the quantity of a item in a cart
6. Table 'orderItems'
  - a. OrderItemID – primary key used to identify an item on an order
  - b. OrderID – foreign key used to link a order to its orderItems
  - c. ProdID – foreign key used to link products to the order

- d. Quantity – used to store the quantity of an item on an order
- e. Price – used to store the total spent for an item on an order.