

## Explanations web-based store

### Entities for the web-based store

- ◆ Inventory – it is primary entity because it makes relationship and the web-based store to tracker the inventory. It has three attributes, and they are attributes are Product Name, Quantity, and price. It also has one key attribute and that is ProductID.
- ◆ User - that's the second main entity, it's the base of the web-based store and to make this store work. It has two attributes Username and password. It also has one key attribute and that is UserID.
- ◆ Cart - Add product to the card is one of the main entities because that's how the web-store work. Every product needs to be added in card and later process for the checkout.
- ◆ Owner - It is also one of the main entities because owner are the only people who check on inventory.
- ◆ Orders – to make whole web-based store, users' needs to be able to add product and check out their orders, that's why order is our last entity. Orders have six attributes, they are Phone Full name, Credit card, Amount paid, Address, Status and one key attribute and that is TrackingID.

### Attributes for the web-based store

- ◆ Product Name – This attribute will keep product name in the list of inventories in the web-based store. Inventory is defined by the Product Name.
- ◆ Quantity - This attribute is to keep track of the inventory quantity in the web-based store. Inventory is defined by the Quantity.
- ◆ Price - This attribute will provide price to the inventory. Inventory is defined by the Price.
- ◆ ProductID - This attribute is going to show ProductID on the inventory. Inventory is defined by its ProductID.
- ◆ Amount - This attribute is going to show the amount in the cart.
- ◆ Username - This attribute is going to provide every user a username. User is defined by its Username.
- ◆ Password - This attribute is going to let user make a password. User is defined by its Password.
- ◆ UserID - This attribute is going to generate UserID for the user. User is defined by its UserID.
- ◆ Phone - This attribute will ask user to provide their phone. Orders is defined by the Phone.
- ◆ Full name - This attribute will ask user to provide user's full name. Orders is defined by the Full name.
- ◆ Credit card - This attribute will ask user to provide credit-card to complete the order. This attribute will ask user to provide for phone. Orders is defined by the Credit card.
- ◆ Amount paid - This attribute is going to ask user to what amount they want to pay for their order. Orders is defined by the Amount paid.

- ◆ Address - This attribute will ask user to provide their address. Orders is defined by the Address.
- ◆ TrackingID - This attribute will provide user a trackingID to track their order. Orders is defined by the TrackingID.
- ◆ Status - This attribute will show user the status of their order delivery. Orders is defined by the Status.

## **Relationship for the web-based store**

- ◆ User “checkout” orders – This relationship will help user to checkout their product. Users have access to check out the orders.
- ◆ Cart “checkout” orders – This relation is going to help user to add product into the cart which will help them to checkout for their order. Carts have access to check out the orders.
- ◆ User “Adds to cart” Inventory - This relationship is going to help user to add inventory to the cart. Cart have access Adds to cart their inventory.
- ◆ User “Adds to cart” cart - This relation is going to let user add product into the cards. User have access Adds to cart their cart.
- ◆ Inventory “checks” owner – This relationship is going to help owner to check on their inventory. Owner has access to checks their Inventory.