

Link to my project 3 video showing use cases:

<https://youtu.be/x-LFWQ5vcs4>

Descriptions / helpful information regarding my system

- In regards to security (shown in the first section of my video)
 - Information being sent over the network is encrypted/decrypted via the methods provided and implemented by the TA Dr. Tam
 - The system also protects product info from being changed by non-admin users
 - Whenever the admin password / username is inputted into the login it pulls up the admin panel where changes can be made to products, otherwise it just sends the user to the customer selection panel
 - The system also protects customers from changing/seeing/canceling orders made by other orders, if the current customer's id doesn't match the customer id on the order then it won't pull up/submit changes to the order (similar for security regarding changing info)
- How my tables are linked
 - Order linked to Customer
 - Whenever an order is saved, the system also creates a customer using the customerID from the Order entry, if the customer already exists, it updates the fields
 - Orderline linked to Order
 - Whenever a new order is created, a new orderline for that order is created
 - User to customer
 - Whenever a new user is registered, it automatically creates a new customer profile with the same ID in order to link them
- How my system handles viewing order history
 - The assignment never specifies how to handle this use case, so in order to achieve this I included this as a part of my order searching functionality, where if the customer knows the orderID from their old order, they can still pull up and view the old order through the order view (thus allowing them to view their order history)
- How my system handles deleting orders
 - Again, the assignment never specified how to handle this, so whenever a request is sent to delete orders, the system simply reverts all the fields of the old order to 0/Null/"blank" and sets the orderID to 0 to indicate that the order is now cancelled