General Requirements

We need an e-commerce system that can help us sell our products.

Customers can look through our product catalogue online and add one or more products to the shopping cart. Users can also change quantities or even remove products from the shopping cart.

Once ready, customers can check out from the shopping cart. After checking out, the shopping cart should be emptied and the customer who placed the customer should see an order confirmation page that displays the order number.

The orders should be placed in the order system allowing admin users to see the placed orders, so that they can process them. The admins can see a list of outstanding orders as well as all line items belong to any order. After processing the order, the admins can mark an order as processed. Any orders that are marked as processed should not be found on the outstanding orders screen, but should be found on the processed orders screen.

Nouns:

Customer
Product
Shopping Cart
Order

> **OrderId**
> **DatePlaced**
> **DateProcessing**
> **DateProcessed**
> **CustomerName**
> **CustomerAddress**
> **CustomerCity**
> **CustomerProvince**
> **CustomerCountry**
> **AdminUser**

Order Line Item

> **LineItemId**
> **ProductId**
> **Price**
> **OrderId**

User (Admin)

Screens:

Product Catalogue
> Search

Product Detail
> View
> Add Product

Shopping Cart
> View Shopping Cart
> Change Quantity
> Remove Products
> Check Out

Order Confirmation
   View

Outstanding <mark>Orders</mark>
   View

Order Details
   <mark>View</mark>
   Update Order Status

Processed Orders
   <mark>View</mark>