Currently I have settled on my database design (I hope) and have been working on what needs to be linked to what. I think I have that down as well. They are all saved locally on my laptop at the moment. In order to make this even easier on myself I am going to let paypal handle the actual transaction. Right now I have been working in aspx.net and can't decide if I want to move to php. Sticking with ASPX.NET for now though.

Otherwise I have been researching how to implement the features that I want into my website starting with moving things from a page into the cart.

I've also started looking at how to show that the order has been processed.

Mostly I've been trying to figure out the best approach to getting all of the pieces together properly.

Moving Items from Page to Cart (much like login things we've been doing)
ASP

 $\frac{https://docs.microsoft.com/en-us/aspnet/web-forms/overview/getting-started/getting-started-with-aspnet-45-web-forms/shopping-cart}{}$

PHP -

https://www.google.com/search?q=how+to+save+my+selection+and+put+it+into+my+shopping +cart+in+php&rlz=1C1CHBF_enUS915US915&oq=how+to+save+my+selection+and+put+it+i nto+my+shopping+cart+in+php&aqs=chrome..69i57.17112j0j7&sourceid=chrome&ie=UTF-8 Website w/ more info: https://codeshack.io/shopping-cart-system-php-mysql/

Checkout Process

ASP

https://docs.microsoft.com/en-us/aspnet/web-forms/overview/getting-started/getting-started-with-aspnet-45-web-forms/checkout-and-payment-with-paypal

Order Processing -

https://github.com/abhishekgoenka/Order-Processing-System-using-ASP.NET-Core-Razor

Checkout Page things to keep in mind - https://www.bolt.com/blog/checkout-page/# Integrating Paypal into my website (something along the lines of this)-https://smallbusiness.chron.com/integrate-paypal-website-53306.html https://serverguy.com/learn/paypal-integration-in-php/

	Column Name	Data Type	Allow Nulls
	AddressID	int	
	Address	varchar(50)	
	Address2	varchar(50)	\checkmark
	City	varchar(50)	
	StateID	int	
>	Zipcode	varchar(15)	
	AddressTypeID	int	$\overline{\mathbf{Z}}$
	LocationName	varchar(50)	\checkmark
	UserID	int	

	o.CartItems + X	The second
Column Name		Allow Nulls
CartID	int	
ProductID	int	
Quantity	int	
SessionID	nchar(10)	\checkmark
		8 - 12

	Column Name	Data Type	Allow Nulls
	ClothingID	int	
	ProductName	varchar(50)	
	ProductDescription	text	\checkmark
	CategoryID	int	$\overline{\checkmark}$
	UnitPrice	decimal(18, 2)	
	AvailableSizes	varchar(50)	\checkmark
	AvailableColors	varchar(50)	\checkmark
	DiscountID	int	$\overline{\checkmark}$
•			

Might need to add SKU(stock keeping unit) here...

Column Name	Data Type	Allow Nulls
DiscountID	int	
DiscountName	varchar(50)	
Description	text	\checkmark
DiscountPercent	decimal(3, 0)	\checkmark

Column Name	Data Type	Allow Nulls
ShoppingSessionID	int	
UserID	int	
Total	decimal(18, 2)	~
created_at	timestamp	\checkmark

	Column Name	Data Type	Allow Nulls
3	UserID	int	
	UserEmail	varchar(50)	~
	HiddenKey	varchar(50)	~
	FirstName	varchar(50)	~
	LastName	varchar(50)	~
	Address	varchar(50)	\checkmark
	AddressType	int	~
	PaymentID	int	~
	UserPhone	varchar(50)	\checkmark