ERD and DfD

This a document containing ERD and data flow diagrams of an ecommerce site that will be selling clothes.

**Cart**

**OrderDetails**

**Product**

InvoiceNumber

CustomerID

OrderNumber

**Invoice**

CustomerID

FirstName

LastName

PostalAddress

PhysicalAddress

City

Town

PostalCode

Country

Phone

Email

Password

CreditCard

CreditCardType

CreditCardExpiryDate

**Customer**

ShipperID

CompanyName

Phone

**Shipper**

PaymentID

PaymentType

Allowed

**Payment**

OrderID

CustomerID

PaymentID

ShipperID

OrderNumber

PaymentID

OrderDate

Paid

**Order**

ProductID

Price

Quantity

TotalPrice

OrderID

ProductID

OrderNumber

Price

Quantity

TotalPrice

Size

Colour

ProductID

ProductName

ProductDecription

QuantityPerUnit

AvailableColours

Size

Colour

ProductAvailability

Picture

DFD



Description

* The customer will enter the site.
* They will have a choice to login, sign in or browse for clothes.
* If they decide to sign in, they will register and get and email to confirm the registration and go back to the log in page.
* They can browse for clothes and add them to the shopping cart.
* When they checkout, they will be required to log in if they haven’t.
* After logging in they will go through the payment process.
* They will be required to confirm or edit their delivery address .
* And then after they will get a receipt and an order confirmation email and returns to the home page.