

# COMP8040 – Assignment 1 - eCommerce type website

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**Completion Date: 5<sup>th</sup> April 2016**

**On completion please zip up your files. Upload to BlackBoard.**

Marks will be awarded for the amount of functionality in the web site. The web site can be of your own design e.g. a video rental system. The following is an example of the functionality that can be in your e-commerce website.

There are at least two types of users: admin and normal user. For example, admin users can view all customers orders. It is up to you to design the admin functionality.

## **Part 1**

Write a product CRUD (Create Update and Delete) form. You can use the studentrecords3 as a start. This will be part of the admin role.

## **Part 2 - The Cart**

Allow the user to select a product from the product list and buy the product.

Add a total column in the cart for each selected item, which is the item price multiplied by the quantity. Make sure that the quantity is an integer.

Create an overall total in the cart.

## **Part 3 - Customer CRUD**

Write a customer login form which enters customer information into a customer table. You can create the customer table with:

## **Part 4 - Cart Checkout.**

Add a check out button to the cart. Create a orders table in the database which links the cart information with a customer when the check out button is selected. The customer needs to login before they can check out the cart.

## **Part 5**

Create a basic company web page for the shop.

## **Part 6**

Clean up the cart code e.g.:

Give delete and edit options on the cart. Combine the items in the cart if the user orders a product more than once.