Task 3

I used a script called connection.php to connect the database to Visual Studio Code in order to set up my database. After the SQL configuration was put into practice, tables were made to arrange the data. Assuring a smooth connection between my SQL files and the website, I kept using the connection.php script to manipulate data in the database through the web application. I used Xampp as my server platform to locally simulate a live server on my device. This required putting the files in the Xampp folder's htdocs directory and giving the file location for the folder I made inside Xampp. To build a dynamic web application, a number of methods were used. This included making a header and footer so they could link to each page and maintain a unified look throughout the website. The website's major centre was the main page, often known as the Index. Furthermore, the creation of the Product Details page housed the SQL table that had detailed information about each product.

IPO chart

	INPUT	PROCESS	OUTPUT	Testing
User Details	Username	Verify user credentials	Registration Successful / Failure	Sign In: Enter details they are recorded in the sql tables Log in: Enter details they will send you to the main page but this failed.
	Email			
	Password			
Product Selection	Shopping Cart	Add / Remove / Update items	Shopping cart contents	Shopping Cart: The text failed as you can not add anything in the cart
		Calculate total price	Cart total	
Order Placement	Select items	Generate / Process Order	Order details	Order Placement: The Order placement failed as you cannot add anything
	User details	Update invintory	Order total	
	Date / Time	Check for Availabilty	Date / Time Successful / Failure	
Payment Information	Payment method	Handle payment transactions	Order confirmed	Payment Information: The Payment Information failed as you cannot add information
Hamburger Menu	Pages	Go do different pages	Go to different page	The Menu works as the buttons will send you to the other page
Carousel	Scroll through Images	Go to other pages	Go to other Page	The Images will send you to the corresponding page