2213829

Task 1

Interview
Date: 13/3/23

Task 2

After updating the text to no longer be Lorum ipsum, I went through and removed a few graphical bugs such as things not lining up the way I wanted them to. I also fixed a button to the store page that previously was not working as intended. I also decided to move the item description to the item cards rather than have them on another page which made the website easier to navigate quickly.

Task 3

I used PHP in my website to make the code much more precise and remove a lot of the reused code. I moved the item cards on the shopping pages to be directly updated from the SQL database with PHP. This made it also so that if another item is added to the database, it will be automatically updated on the website without any extra work. Next, I made the header and footer into PHP so that they would save space in the code as well as be easily updateable across the entire site. Finally, I added a cart Item counter that was meant to fully feature the exact items in it however I ran into hurdles that held me back from that.

Task 4

As described in task 3 I used the database in conjunction with PHP to be able to have a backend catalogue of the items available in the store. This allows for quick and easy updating of the items as well as the ability to add more items. The database also allowed me to store what items were being purchased by the user however I ended up having a lot of trouble bring the functionality of bringing the items across to other pages.

Task 6

Unit Testing: In my own testing all implemented features work as expected.

User Testing: When having a peer test the website, they enjoyed the visual style and the layout. They also commented on the layout of the store which was another item they liked.

Automatic testing: According to phpcodechecker.com no issues were found on my php pages.

Self-Appraisal: While I am happy with my results, I'm very unhappy with my use of PHP as I wished to make the checkout system more robust. I had a lot of trouble bringing information across pages with ultimately left me without features that I would have liked to include. I know that my skills will improve the more I use it however I would have liked to have certain extra features that I did not end up having.

Skill Trees:

Lab 1

Assignment 2

Checklist for CE154 Assignment 2

Task 1

☑	Attend interview	In person during a lab

Task 2

☑	Lorum ipsom replaced	Code
☑	Content looks real	Code
☑	Summary of changes	Report
☑	Document is called CE154_assignment_2.doc (or pdf)	Report

Task 3

☑	Files correctly named (e.g., index.php and style.css)	Code
☑	Files in specified folder structure	Code
☑	Source credited in code/reference doc	Code
☑	Code comments	Code
☑	Uses header.php and footer.php include files	Code
☑	On-state navigation	Code
☑	Brief overview of use of PHP	Report

Task 4

☑	Used a database for the store with min. 5 items	Code
	Data security considered	Code
	Extra functionality that uses PHP and MySQL	Code
☑	Brief overview of use of MySQL and PHP	Report

Task 5

☑	Deployed to cseemyweb	Code
☑	Visible at http://cseemyweb.essex.ac.uk/~username/CE154	Code

Task 6

☑	Unit testing	Report
☑	User testing	Report
☑	Automatic testing	Report
☑	Code report and bug fixing log	Report
☑	Self-appraisal	Report
☑	2x skill tree screenshots	Report
☑	Checklist completed	Report