Project Report for Web Design & Development

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# Introduction

I designed the site for PC enthusiasts by it Gaming or Professional Usage. It allows the “niche” userbase to browse and buy the current latest and greatest in terms of PC Parts and buy them.

I got inspiration from websites based in the UK, Overclockers UK and Scan.co.uk as they are 2 main retailers for this area in the UK & Ireland.

# Link to Github Pages

[add link to your project running on Github pages]

# 

# Installation/Usage

All login forms are pre-filled by jquery.

Checkout Page: Card Name, Card Number, Card CVC MUST match what’s prefilled available in the jquery to view but the CVC is “123”.

Any other combination of what’s there will result in error.

Login Page: Email, [S00199340@mail.itsligo.ie](mailto:S00199340@mail.itsligo.ie) Password: password1

but should be prefilled by jquery.

You must be Logged In to go to the checkout page, (registering or logging in logs the user in).

Could not get the products to add up dynamically in the checkout.

Cart resets to zero after buying with a **5 second delay** of order success box then brings the user to the homepage.

Could not get the Contact Us page textbox to prefill with what’s in the jquery, despite contacting many peers and contacting the lecturer about this.

Successfully Registering on the Register page will log the user in.

User Details page can only be viewed when logged in.

Form content should be available in the console.

Search Box on Homepage does not work.

Added individual product pages viewable by clicking on them from the shop page or home page.

Used SASS.

Checkout increments.

Appropriately resized images outside of html/css.

Beautified all the HTML code so its formatted nicely.

# Design Decisions Made

[For each of the following state briefly what you did and why you did it]

## Colours, Text and Fonts

I chose 4 main colours:

Blue: #007bff , because it suits the aesthetic of a well-known website this website is inspired from.

Grey: #6c757d , because it suited my aesthetic and was a bootstrap default so easy to setup.

Dark Grey: #343a40 , also because it suited my aesthetic and was a bootstrap default so easy to setup.

White: #fff , Allows seamless blending of spacing and whitespace and is seen on many “modern websites” as a primary “hidden” colour.

I stuck to the default Bootstrap 4 fonts which suit the website well, it’s a modern website that would be used by a highly “niche” userbase with high knowledge of technology.

Fonts: "Helvetica Neue", Helvetica, Arial, sans-serif”.

## 

## Breakpoints

Desktop Breakpoint:

Graphical user interface, text, application

Description automatically generated

All content is visible within the viewport at max width and height.

Columns stay as 3.

Nav stays normal.

Tablet Breakpoint:

Graphical user interface, text

Description automatically generated

All content still visible.

Nav becomes a dropdown.

Shop Logo pic replaces the Shop logo name.

Columns remain 3 and footer becomes more compacted.

Mobile Breakpoint:

Graphical user interface, application

Description automatically generated

Both nav and columns change to only 1 column visible but scrolling.

Footer becomes 2 small columns side-by-side.

Site still fully functional and all content remains visible.

## Navigation

Nav is styled after other poplar pc parts websites in the UK as none operate in Ireland.

Footer resembles a modern sleek “Apple like” look which many tech websites now use.

Navigation happens mainly in the Nav.

Footer has 2 href links functional which are applicable to the project specification:

Under Information heading:

About

Under Support heading:

Contact

# Performance

Minified the CSS files and JS files that are in use.

Used smaller images for certain pages ex: shopimages are 150x150.

Used web hosted SVG as my main logo allows me to resize infinitely without blurring.

Put CSS files at top of HTML pages.

JS files at bottom of webpages.

# SEO

Added individual page titles for SEO results.

Added individual relevant meta tags and author names.

# Accessibility

Added labels for all forms.

Some forms have placeholder content but unable to see as forms are preloaded by JQUERY.

Some input forms have hints such as require @ for email and require 9 characters or it will give the user a error.

# Wireframes

[If the paper wireframes that you presented in October/early November are different to the finished website – explain briefly why this is so? What could you have done differerently?]

Yes the paper wireframes presented in October/early November are different because they were a rushed last minute affair if I’m being honest.

The wireframes were rough idea based on what was in my head when in reality and in a UX/UI point of view wouldn’t have fit well with the website I then preceded to make and would have made the breakpoints look aesthetically displeasing.

# Reflection on your work

Describe briefly anything you are particularly happy with.

Happy I finished the website it’s a massive increase on workload but the website is 10x better than what we made last April.

Beautified all the HTML code so its formatted nicely

Describe briefly anything you tried which did not work.

I tried to get search working, got lost very fast.

I tried to get the textbox filled with the jquery on the contact us page but couldn’t get it to work even after contacting peers and the lecturer.

Describe briefly what you would do differently another time.

If I had another chance to do this I would base the website on different type of store, It would be a food delivery service and would be web based app type looking website such as Just Eat and McDonald’s as they are far more pleasing to look at and approach a wider audience.