BTEC Higher Nationals: Website Design & Development (Unit 10)

Test Plan

As part of your assignment, you are required to create and evaluate a **Test Plan** for your site, in addition to evaluating the **Quality Assurance (QA)** process for the site. A template for the test plan can be found below. You are expected to have tested **each of the points** highlighted in the **QA process**, also found below.

Test	Expected	Actual (Screenshot)	Success (Y/N)	Steps to Fix	Fixed (Y/N)
Add rows as appropriate...					

Quality Assurance

1. **Initial High-level Review**

   a. Check all hyperlinks and test/fix all broken links. This also includes menu buttons, drop down bars, and sidebars.
   b. Try resizing the browser and test to see how it breaks. This is also a quick way of checking for mobile-responsiveness.
   c. Review the header, footer, sidebar, as well as the domain content of the homepage.
   d. Check the 404 pages, and make sure that they redirect to 404 and has an html sitemap. The goal of the 404 page is to keep a visitor on your site even if they hit a page that doesn't exist.
   e. Repeat the test on all browsers: Google Chrome, Internet Explorer, Mozilla Firefox, or use a tester like screenfly - *http://quirktools.com/screenfly/*
   f. Test on multiple devices: PC Desktop, smartphones, and tablets.
   g. Ensure that there are no numbers found in any of the links on the website – as it is not good for SEO.

2. **Check the Design in All Devices and Browsers**

   a. Test to ensure that your website design works on all major browsers. Check for consistency in the styling and layout elements.
   b. Test key functionalities such as links.
   c. Check the homepage, subpages, and landing pages
   d. Again, check the 404 Error Pages
   e. Check to ensure the website is mobile responsive.

3. **Content**

   a. Proof read all content for spelling, grammar, and punctuation errors. Online tools can be used for checking spelling.
   b. Compare and check the main navigation against the site architecture. Do you have dead links?
   c. Ensure that the website has no stock *Lorem Ipsum* content.

4. **SEO**

   a. Check title tags and meta descriptions.
   b. Make sure that any social media icons are linked to the correct social media pages.
   c. Ensure that images have ALT Tags within the IMG tag. Doing so will provide a clear text alternative of the image for screen reader users. This is very important for SEO ranking.
   d. Ensure that URLs are SEO friendly: Short and extension less.
   e. Make sure a html sitemap is created. There are online tools which can do this for you.
   f. Remember the other points that you talked about during Assignment 1. Check off the SEO best practise points against Google's recommendations.

Keep in mind the marking criteria for this Learning Objective, and remember that you should be testing at each development stage, not just at the end!

LO4 Create and use a Test Plan to review the performance and design of a multipage website.		
P7 Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website.	**M5** Evaluate the Quality Assurance (QA) process and review how it was implemented during your design and development stages.	**D3** Critically evaluate the results of your Test Plan and include a review of the overall success of your multipage website. Use this evaluation to explain any areas of success and provide justified recommendations for areas that require improvement.