**Code Nation 16/06/2021**

**Develop Coding: Assignment**

**Name: Kemi Akinbo**

**Question 1**: Describe the purpose of using IT in creating your website and how you will use IT to plan and carry out the necessary tasks.

IT helps me to builds and maintains my website to fit the needs of my customers. I have used required layout and written syntax codes HTML building tools and CSS styling tools to design my website being user centric.

I planned my website with the aim of having a clear layout with simple designs in other to make it user friendly for my audience who are the fruit lovers.

**Question 2:** I employed the use of research methods, self-development, basic IT skills and dedication to complete my website. I also used Visual studio code to write and create my HTML files, CSS files and Chrome browser for the visual display of what I have written in my HTML files and the styling added to it using the CSS.

**Question 3:** The online world allows for the free flow of information, including text and graphics.

**However**, this accessibility leads to a common problem: Your online content, no matter its form, is easy for unscrupulous parties to steal and claim as their own.

You can avoid this scenario by taking advantage of the protections offered by copyright law. The regulation is intended to promote fairness and transparency and gives the citizen several rights which include declining to be tracked, controlling how or what data is captured about them, and ultimately being deleted from the site system if requested. If your site offers goods or services in the EU, then you need to be compliant.

Sometimes copyright protection overlaps with other types of intellectual property. For example, an online game may contain storylines and music appropriate for copyright registration, but also contains processes that need protection.

**Question 4:** There are several IT tools, but the ones that I have used in creation of my website are: HTML, CSS, Trello, Git Hub. All of these tools are fit for their purposes and appropriate for my website creation. For example, CSS saves a lot of time in styling my website, it’s easier to maintain and update with consistency in design and formatting options. It is also faster to download with ease of presenting different styles to different viewers.

Trello helped me to organise my projects visually, to build project-related boards, create lists for each project and add cards for each task within my project. It helped I and my team members to update one another in real time as tasks that needs to be completed are started and completed which helped to increase productivity.

**Question 5**: During my website creation, I carried out a UAT on my website to be sure if my website matches the requirements.

Here are the test steps I used to test my website out:

* Verify the compatibility with different browsers.
* smartphones and tablets.
* Ensure the site navigation is as simple as possible.
* Optimize the loading time of your site.
* Ensure buttons are large enough for people with big finger.
* Optimize all images size.
* Don't use Flash and pop-ups.

**Question 6:** My ways of improving efficiency and productivity throughout this project is by doing a lot of personal research, extra learning and doing a lot of practice. I watched lots of YouTube videos to help me understand and be able to practice along using the already downloaded tools like VSCode, Phyton, HTML, and CSS.

I created a personal board on Trello to help me track my progress as well. All these steps are what I would diligently put to use for the implementation of future projects.

**Question 7:** My website I would say have a basic user-friendly layout. It’s not complicated, it has a table displaying types and prices of fruits, it also has a Home, Logout, Help buttons.

I was able to arrange my landing page in a sequential way using similar website as a benchmark. As for the weakness of my website, I was not able to put a properly sized image on as a logo, which made the image to take a lot of space. I need to know how to get the image logo size correctly. Also, one of my weakness for my website is that I don’t know how to create additional pages, but I intend to research on how to do this. And for the strength, my website has a target link that opens on a new tab for those that want to access the “Contact Us” page.

With more practice through dedication and personal learning, I will be able to improve my website as this is not up to it’s best at the moment.

**Question 8: Pictures will be attached as requested.**