|  |  |
| --- | --- |
| **Graphical user interface, website  Description automatically generated** | **BTEC NATIONAL AWARD LEVEL 3 IN IT** |

**UNIT 6: WEBSITE DEVELOPMENT LAB and LAC**

# KNOWLEDGE AND SKILLS EXERCISE DATE SET: 14th June 2022

# Overall Aim *(See Assessment Objectives –* *https://qualifications.pearson.com/content/dam/pdf/btec-international-level-3/it/specification-and-sample-assessments/Unit%206%20Website%20Development.pdf)*

This exercise has been written in order for you to:

|  |
| --- |
| **Unit 6** |
| * Develop a website to meet client requirements |

During this exercise (and for the summative assessment to have a successful outcome and meet your next Benchmark) you must submit work for all the tasks highlighted **red** in this document. However, the college expects you to submit work relating to the **red** **and** **orange** text. You will be able to achieve the **best outcome** if your work covers the **red, orange** and **green** text.

Please note that all work must be submitted to Godalming Online by the published deadlines. **All deadlines are Friday 1.15pm unless otherwise stated**. All work submitted **must be your own work**. Any reference to others’ work must be referenced in a Harvard style bibliography (see Godalming Online BTEC IT Resources (RQF)site). During this assignment any work submitted must be uploaded to Godalming Online BTEC Upload area. Do remember the assignment on GOL has an upload limit of 20 files with file size limits. All work is passed through plagiarism software. Plagiarism is a serious matter – please see Pearson BTEC Plagiarism Factsheet on GOL.

Scenario

**After enrolling with a London Recruitment Centre you have been sent to spend some time with a leading music producer Dodgy Artists based in DA House, Chelsea, London, SE7 5GG on a 4 month trial contract, possibly leading to permanent employment.**

**You are applying for the post of “Web Designer” with Dodgy Artists. They require you to design and produce a website to advertise their artists, gigs and music and to provide two-way interaction between fans and the company/artist.**

**At the end of your trial period you will be interviewed for the permanent position of Web Designer and in order to prepare you will be expected to produce a portfolio of evidence documenting your understanding of the principles of website development, the skills required and those that you have developed for this role, along with certified documentation covering the design, production and publication of a website.**

**Prior to website production you need to seek approval for your designs and content from tutors and complete a number of tasks. These are set out on the next few pages.**

**Task 1: Web Skills Development**

**1(a)** Using e-text books and video tutorials develop all the tools and techniques listed in the table

below. These techniques must be covered in HTML **using NotePad++**  or another HTML editor of your choice such as [Online Web Editor (online-web-editor.com)](http://www.online-web-editor.com/)

and must include ALL skills. Your tutor will interview you during the skills development and issue a Skills Observation record which must show evidence that you have developed **each** of the listed skills.

Web Skills to be developed:

|  |  |  |
| --- | --- | --- |
| Element | Element | Element |
| Create a web site of up to 5 (inter-connected) pages | Set up navigation between pages | Compliance with W3C |
| Use Templates | Use Meta-tags | Understand HTML |
| Format content – font, colour, size, style, etc | Include prose and bullet points | Layout techniques: Use Frames |
| Use Tables | Include Javascript | Set and adapt Colour Schemes |
| Insert Images | Use different Screen Designs | Insert Animation |
| Incorporate Interactive features | CSS | Audio/Visual |

**UPLOAD:** *(to Godalming Online)* **Task 2 Deadline Date: 27th June 2022**

*Filename:*

 **WebSkillsObservation**

**Task 2: Create an interactive website**

Start making your website! , **create an interactive website to meet a client need.**

**The site must be created “locally” checked then published on the Department Web Server and include two-way interaction.** Your site should employ good practice in the design and implementation of web pages and include **at least 50%** ofthe elements shown in the table below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Element | Used | Element | Used | Element | Used |
| Create a web site of up to 5 (inter-connected) pages |  | Set up navigation between pages |  | Compliance with W3C |  |
| Use Templates |  | Use Meta-tags |  | Understand HTML |  |
| Format content – font, colour, size, style, etc |  | Include prose and bullet points |  | Layout techniques: Use Frames |  |
| Use Tables |  | Include Javascript |  | Set and adapt Colour Schemes |  |
| Insert Images |  | Use different Screen Designs |  | Insert Animation |  |
| Incorporate Interactive features |  | CSS |  | Audio/Visual |  |

Create a document (Word or PowerPoint) with screenshots of all pages of your website.

Create a short video demonstrating the features of the website function correctly

**UPLOAD:** *(to Godalming Online)* **Task 2** **Deadline Date: 5th July 2022**

*Filename:*

 **PublishedWebsite - published on College Web Server**

Unit 6

