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| Assignment brief – QCF OCR | | | | | | | | |
| **Qualification** | | | | | **Unit number and title** | | | |
| **OCR Technical Level 3 Diploma Information Technology - Year 2** | | | | | **Unit 12: Website Production**  **Unit 24: Client-Side Customisation of Web Pages** | | | |
| **Student name** | | | | | **Assessor name** | | | |
|  | | | | | Robert Chambers | | | |
| **Date issued** | | | **Hand in deadline** | | | **Submitted on** | | |
| **25/03/2019** | | | **13/05/2019** | | |  | | |
| **Assignment number and title** | | | | **Assignment 2: Web Design** | | | | |
| In this assessment you will have opportunities to provide evidence against the following criteria.  Indicate the page numbers where the evidence can be found. | | | | | | | | |
|  | | | | | | | | |
| Criteria reference | To achieve the criteria the evidence must show that the student is able to: | | | | |  | Task number |
| U12 P4 | using appropriate design tools, design an interactive website to meet a client need | | | | |  | 1 |
| U12 P5 | create an interactive website to meet a client need | | | | |  | 2 |
| U12 M2 | produce annotated design documentation for an interactive website to meet a client need | | | | |  | 1 |
| U12 M3 | implement CSS in an interactive website to improve the site to meet a client’s needs | | | | |  | 2 |
| U12 D2 | carry out acceptance testing with client on an interactive website | | | | |  | 2 |
| U24 P4 | design web pages using CSS to control layout | | | | |  | 1 |
| U24 P5 | create interactive web pages using CSS and a scripting language | | | | |  | 2 |
| U24 P6 | test interactive web pages | | | | |  | 2 |
| U24 M3 | modify interactive web pages based on user feedback | | | | |  | 2 |
| U24 D1 | justify the web design produced using CSS to control layout | | | | |  | 1 |
| U24 D2 | enhance usability of an interactive website with CSS and a scripting language | | | | |  | 2 |

**Student Assessment Submission and Declaration**

When submitting evidence for assessment, each student must sign a declaration confirming that the work is their own.

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| Student name: | | Assessor name: | |
| Issue date: | Submission date: | | Submitted on: |
| Programme: | | | |
| Unit number and title: | | | |
| Assignment number and title: | | | |

Please list the evidence submitted for each task. Indicate the page numbers where the evidence can be found or describe the nature of the evidence (e.g. video, illustration).

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| **Task ref.** | **Evidence submitted** | **Page numbers or**  **description** |
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| Additional comments to the Assessor: | | |
| **Student declaration**  I certify that the evidence submitted for this assignment is my own. I have clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice.  Student signature: Date: | | |

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| **Assignment brief** | | |
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| **Unit no. & title** | Unit 12: Website Production, Unit 24: Client Side Customisation of Web Pages |
| **Assignment no. & title** | **Assignment 2: Web Design and Development** |
|  | |
| **The purpose of this assignment is to:**  **Unit 12**   * Be able to design websites * Be able to create websites   **Unit 24**   * Be able to control the layout of web pages using CSS * Be able to create interactive web pages | |

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| **Scenario**  You are a self-employed consultant. Your job is to design and develop a website for a business start-up.  You have been recently hired by a group of 5 people who have got together to start a business. None of these people have any previous experience in developing a website. They have registered their domain as rigfixers.org for their new business Rig Fixers Ltd.  Rig Fixers will be a company that sells PC components and repair services. They will sell goods via a shop and online. Repair services will be booked via the website. |
| **Task 1 [U12 P4, M2, U24 P4, D1] Design of a website**  Using appropriate design tools, design an interactive website with at least **eight pages** and at least **three** **multimedia** and **interactive** elements to meet the needs of Rig Fixers Ltd. Your design should include:   * A time scale, e.g. Gantt chart * List of client needs * Target audience * Navigation map * Wireframes (and storyboards if appropriate) * Where CSS will be incorporated * Test plan   **(U12 P4, U24 P4)**  Your design must include a **minimum** of **8 pages** and the design must be annotated showing how it meets Rig Fixers Ltd.’s requirements with all elements and assets clearly identified with references and sources.  **(U12 M2)**  Justify your design and use of CSS through annotation of your design documents or a formal report.  **(U24 D1)**  **Evidence: Design documents, test plan** |
| **Task 2 [U12 P5, M3, D2, U24 P5, P6, M3, D2] Development of a website**  Using the design created in task 1, build a functional multipage, two-way interactive website for Rig Fixers Ltd. to include the following pages:   * Use of external CSS * Slide show of products on home page using JavaScript and CSS * Order form page to include client-side validation using JavaScript * Site map * Contacts page * Three products’ pages each with a distinct product range e.g. graphics, networking, storage, etc. * Brochure to download word document that shows the catalogue   One of the pages produced must include an **animated GIF** and a **mouseover**. All pages must link to an **external CSS**, which includes layout, text and colour styles. You must include your HTML, CSS and JavaScript coding annotated to show comprehension.  **(U12 P5, U24 P5, U12 M3, U24 D2)**  After you have developed the website it is necessary to test it. You must complete at least 8 tests.  **(U24 P6)**  You must have your website reviewed by another person, it is likely you will create a questionnaire for this purpose.  **(U12 D2)**    Make alterations to your website to reflect the feedback you received.  **(U24 M3)**  **Evidence: Website, testing documents, report** |
| Sources of information;  **Lesson material**  **www.w3schools.com** |
| ***Please ensure all evidence is stored on electronic media and submitted on-line.*** |