

Assignment front sheet

Learner Name		Assessor Name	
		Dr Derek Peacock	
Date issued	Completion date	Submitted on	
20th April 2015	15th June 2015		
Qualification		Unit number and title	
BTEC Level 3 Extended Diploma in IT		Unit 20: Client Side Customisation of Web Pages	
Assignment title	Assignment 2 – Mini Website		

In this assessment you will have opportunities to provide evidence against the following criteria.

Criteria reference	To achieve the criteria the evidence must show that the student is able to:	Task no.
P3	Explain the fundamentals of a scripting language	Task 3
P4	Design web pages using CSS to control layout	Task 1
P5	Create interactive web pages using CSS and a scripting language	Task 2
P6	Test interactive web pages.	Task 2
M2	Discuss how a scripting language can improve functionality	Task 3
M3	Employ good practice in the design and implementation of web pages.	Task 1 and 2
D1	Explore how web pages using scripts are implemented in different browsers	Task 3
D2	Evaluate the web pages and discuss improvements.	Task 1 and 3

Learner declaration

I certify that the work submitted for this assignment is my own and research sources are fully acknowledged. I am happy with the grade awarded.

Learner signature:

Date:

Final Grade (if appropriate)		Points	
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	Assessment Criteria Achieved (indicate with ✓ and initial)									
	P3	P4	P5	P6	M2	M3	D1	D2		
1 st attempt Date										
Final attempt Date										

Assessor's comments

Qualification	BTEC Level 3 Extended Diploma in IT	Assessor name	Dr Derek Peacock
Unit number and title	Unit 20: Customising Web Pages	Learner name	

Grading criteria		Assessor Feedback
P3	Explain the fundamentals of a scripting language	
P4	Design web pages using CSS to control layout	
P5	Create interactive web pages using CSS and a scripting language	
P6	Test interactive web pages.	
M2	Discuss how a scripting language can improve functionality.	
M3	Employ good practice in the design and implementation of web pages	
D1	Explore how web pages using scripts are implemented in different browsers	
D2	Evaluate the web pages and discuss improvements.	

Additional Assessor Feedback (including feedback for upgrade) and Action Plan	Action completed by date

Learner Feedback

Learner		Signature		Date	
Assessor		Signature		Date	



Internal Verifier		Signature		Date	
Lead Internal Verifier		Signature		Date	

Assignment brief

Qualification	BTEC Level 3 Extended Diploma in IT
Unit number and title	Unit 20: Client Side Customisation of Web Pages
Start date	
Deadline	
Assessor name	Dr Derek Peacock

Assignment title	Assignment 2 – Mini Website
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The purpose of this assignment is to:

2. Understand the fundamentals of scripting languages
3. Be able to control the layout of web pages using CSS
4. Be able to create interactive web pages.

Scenario

You are working for a Website development company called “**Valerian Software**” and have been asked to create a mini website that demonstrates the key advantages of using jQuery and jQuery-ui to enhance the functionality of web pages

TASK 1 [P4, M3].

- 1.1 Organise a meeting with your manager to discuss the choice of features. The website needs to be at least 5 pages and must contain one jQuery **interaction**, three **widgets**, and two **effects**. The website must also contain standard html elements such as headings, paragraphs, lists, hyperlinks, and images all styled using css stylesheets.
- 1.2 Select a subject area for the website and document the web pages and their requirements.
- 1.3 Create a design of the website using **wireframes** or **mockups** of the proposed pages. Show these to your manager and discuss and document possible changes and improvements **[D2]**.

Evidence: A short Requirements document, a website design and a documented design review

Task 2 [P5, P6, M3] 2.1 Create a the proposed website and a test plan that will show whether the requirements have been met and the added features work or not

- 2.2 Meet with your manager and complete a standard checklist to assess the overall quality of the finished website.

Evidence:

- The published website with Html, Css and JavaScript files
- Test plan with results of testing
- Completed checklist.

TASK 3 [P3, M2, D1]

- 3.1 Write a short report which explains the fundamentals of a scripting language [P3] and discusses how a scripting language can improve the functionality of the website [M2].
- 3.2 Describe how web pages using scripts are implemented in different browsers [D1]
- 3.3 Write a report which evaluates the web pages and discusses possible improvements [D2]

Evidence: Report as pdf document