

Engagement and Participation with Parent Carers,
Children and Young People (Version 6 - March 2015)
Appendix 10 – Local Offer IT Course Assignment,
Surrey

Assignment Submission Front Sheet



Learner's Name: (Please print your full name)		Target Grade:	P / M / D
Qualification:	BTEC Level 3 Extended Diploma for IT Practitioners (Year 2)		
Unit number & title:	Unit 20: Client Side Customisation of Web Pages		
Assignment Title:	Surrey Council Local Offer Project (Assignment 1 of 1)		
Issue Date:	11/09/13		
Date Work Due In:	Milestone Date 1:	9/10/2013	Deadline Met: Yes / No
	Milestone Date 2:	13/11/2013	Deadline Met: Yes / No
	Milestone Date	27/11/2013	Deadline Met: Yes / No

Learning Outcome Ref	Learning Outcome	Criteria reference	To achieve the criteria the evidence must show that the student is able to:	Task.	Student Evidence (Page Nos)
LO1	Understand the fundamentals of cascading style sheets (CSS)	P1	Explain how HTML files Access CSS	1	
		M1	Assess different implementation styles of CSS	1	
		P2	Explain the features of the box model for CSS	1	
LO2	Understand the fundamentals of scripting languages	P3	Explain the fundamentals of a scripting language	2	
		D1	Explore how web pages using scripts are implemented in different browsers	2	
		M2	Discuss how a scripting language can improve Functionality	2	
LO3	Be able to control the layout of web pages using CSS	M3	Employ good practice in the design and implementation of Web pages.	2	
		P4	Design web pages using CSS to control layout	1	
LO4	Be able to create interactive web pages	P5	Create interactive web pages using CSS and a scripting Language	3	
		P6	Test interactive web pages.	3	
		D2	Evaluate the web pages and discuss improvements.	3	

Learner's Declaration:

I declare that this assignment is my individual work. I have not worked collaboratively nor have I copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part been written for me by another person.

Signed:

Date:

Assessor's Feedback Sheet

Learner's Name:				
Qualification:	BTEC Level 3 Extended Diploma for IT Practitioners (Year 2)			
Unit Number & Title:	Unit 20: Client Side Customisation of Web Pages			
Milestone Addressed	1 / 2 / 3	Milestone Deadline Met:	Yes / No	Turnitin Score
Assessor's Name:	John Omoregie			

Assessor’s Formative Feedback Comments		Provisional Grade (subject to IV)
MILESTONE 1		
P1		
P2		
P4		
M1		
MILESTONE 2		
P3		
D1		
M3		
M2		

MILESTONE 3				
P5				
P6				
D2				
<p>Please note that the grade awarded is a provisional grade only. A sample of assignment work for each unit is internally assessed and verified by our internal verifiers before final grades can be awarded.</p>				
Assessor's Name:		John Omoregie		
Assessor's Signature:			Date:	
Feedback Received from lecturer	Y / N	Date:		Learner Signature
Learner's Comments – What have you learnt? Problems encountered?				
Unit work sampled by IV		Yes / No	Assessment Decisions Agreed	Yes / No

Assessment Summative Feedback Sheet



Learner's name:			
Qualification:	BTEC Level 3 Extended Diploma for IT Practitioners (Year 2)		
Unit number & title:	Unit 20: Client Side Customisation of Web Pages		
Issue Date:	11/09/2013	Final Due Date:	27/11/13
Criteria	Description		Pass ✓
P1	Explain how HTML files access CSS		
P2	Explain the features of the box model for CSS		
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		
M1	Assess different implementation styles of CSS		
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		
Assessor's Comments			
Learner's Comments			
Assessor's name:	John Omoregie		
Assessor's signature:		Date	
Learner's signature:		Date	
Unit work sampled by IV	Yes / No	Assessment Decisions Agreed	Yes / No

Unit 20: Client Side Customisation of Web Pages

Assignment 1 of 1

Background:

Surrey Council has just initiated a project termed the "Local Offer". This project involves the design of a website that will be used by the council to publish and review information on services available to young people with special educational needs aged 0-25.

The website will target the following audience: Young people with special needs, their parents, family members, voluntary organisations and local social service providers

The Local Offer will cover the following areas:

- ✓ Special educational provision and other provisions including schools
- ✓ Health provision and Social care provision
- ✓ Training provision
- ✓ Arrangements for children and young people to travel to schools, colleges and early years education
- ✓ Other leisure and community activities

Your task will be to design a website that will allow families to easily search for provisions in any of the areas listed above.

An example of another local authority who have had a go at this is:

Darlington: <http://darlington.fsd.org.uk/kb5/darlington/fsd/home.page>

Manchester: <http://manchester.fsd.org.uk/kb5/manchester/fsd/home.page>

Formative Task:

The local offer asks for co-production. Therefore it is important to engage families and young people in the design of the website. Design a questionnaire aimed at families and young people to find out what information they feel should be included within the site and also the types of features both functional (e.g a like button for popular services) and design (e.g the look of the website).

Conduct a small sample research activity and analyse the results.

Note: This task will contribute towards Unit 11 – System Analysis Learning outcome 2

Be able to carry out a structured analysis of business systems requirements

Investigation: techniques eg interview, questionnaire, meeting, observation, document analysis, data analysis; sensitivity in collecting information and observing individuals at work

Summative Tasks:

Design and produce a suitable website with the following specifications:-

1. Website must have 7 pages (Home, Contact Us page and one page for each area listed above)
2. Each of these pages must have link to the other pages
3. The home page must have a large image displayed at the centre of the page (400x300)
4. The other two pages must have 2 small images vertically on lateral right of the page, one under the other (100x80) which when clicked, would link any other web page from the website
5. The top of each page would have a logo/banner and also big bold text bearing "Surrey Council Local Offer Project"
6. The web pages must use 3 styling types (Linked, Embedded and Inline)

Task 1

P1 – Explain how the web pages in your website will access the Cascading Style Sheet (CSS) - **18/9/2013**

P2 – Explain the features of the CSS box model which you intend to use in your web pages (use illustrations to support your explanation) – **25/9/2013**

P4 – Produce screen designs and navigation chart of the web pages you intend to create (hand drawn or using appropriate software) – **2/10/2013**

M1 – Discuss the usage of different implementation styles of CSS (Linked, Embedded and Inline) – **9/10/2013**

Word Limit: 1500 Words (include diagrams and annotations)

Submission Date: 09/10/2013

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Task 2

M3 – Following good practice, implement the web pages from your design in Task 1 so that it matches the requirement specifications. – **16/10/2013**

P3 – Explain the fundamentals of JavaScript (the Construct, Rules, Implementation) – **23/10/2013**

M2 – Discuss how you can use JavaScript to improve functionality in your website **(This should be done as a presentation using MS PowerPoint)** – **6/11/2013**

D1 – Explore and describe how web pages that use scripts are implemented in different browsers (cite example websites in your explanation if possible) – **13/11/2013**

Word Limit: 1700 Words. (Please include screen shots of your web pages and source code as appendices)

Submission Date: 13/11/2013

Task 3

P5 – Use JavaScript to add interactive functionalities to your web pages (e.g. image slideshow, animations and mouse events) – **20/11/2013**

P6 – Develop a test plan, test your interactive web pages and produce a test log. – **27/11/2013**

D2 – Evaluate the web pages you have created and discuss any further improvements that could be made (start by comparing your final product with the requirement specifications provided in scenario) – **27/11/2013**

Word Limit: 1500 Words (Please include screen shots of your web pages and source code as appendices)

Final Submission Date: 27/11/13

Functional Skills Opportunities

Skills	When Learners are...
ICT – Using ICT	
Plan solutions to complex tasks by analysing necessary the stages	Designing web pages for a specific purpose
Select, interact with and use ICT systems for a complex task in non-routine and unfamiliar contexts	Creating interactive web pages
ICT – Developing, presenting and communicating information	
Enter, develop and refine information using appropriate software to meet requirements of a complex task	Producing interactive web pages using CSS and a scripting language
Combine and present information in ways that are fit for purpose and audience	Producing a briefing on the use of web page scripting
Evaluate the selection, use and effectiveness of ICT tools and facilities used to present information	Evaluating interactive web pages

Indicative reading for learners

Textbooks

Bartlett K – Sams Teach Yourself CSS in 24 Hours, 3rd Edition (Sams, 2010) ISBN-10 0672331020, ISBN-13 978-0672331022

Castro E – HTML, XHTML, and CSS: Visual QuickStart Guide, 6th Edition (Peachpit Press, 2006) ISBN-10 0321430840 ISBN-13 978-0321430847

Cederholm D – Web Standards Solutions: The Markup and Style Handbook, 2nd Edition (FRIENDS OF ED, 2009) ISBN-10 1430219203, ISBN-13 978-1430219200

Meyer E – CSS Pocket Reference, 3rd Edition (O’Reilly, 2007) ISBN-10 0596515057, ISBN-13 978-0596515058

Negrino T and Smith D – JavaScript for the World Wide Web, 5th Edition (Peachpit Press, 2005) ISBN-10 0321423348, ISBN-13 978-0321423344

Pollock J – JavaScript: A Beginner’s Guide, 3rd Edition (McGraw-Hill Osborne, 2009) ISBN-10 0071632956, ISBN-13 978-0071632959

Schmitt C – CSS Cookbook, 3rd Edition (O’Reilly, 2009) ISBN-10 059615593X, ISBN-13 978-0596155933

Shea D and Holzschlag M – The Zen of CSS Design: Visual Enlightenment for the Web (Peachpit Press, 2005) ISBN-10 0321303474 ISBN-13 978-0321303479

Weakley R – Sams Teach Yourself CSS in 10 Minutes (Sams, 2005) ISBN-10 0672327457, ISBN-13 978-0672327452

Websites

www.csszengarden.com

www.javascriptworld.com

www.w3schools.com/css/default.asp

Your obligations as a responsible student

1. You must **hand** in the assignment by the deadline date and time. Failure to meet the deadline may result in a fail for the assignment. If you do request a deadline extension this must be agreed with the assessing tutor and Programme co-ordinator and you must provide documentary evidence to support your request.
2. You must submit your assignment online in the drop box allocated for the unit of study.
3. You must complete and sign the front sheet when submitting your assignment for assessment and hand to your lecturer.
4. A BTEC assignment assumes a considerable element of self application; the work is to be done on your own merit. You can expect guidance and feedback from the tutor, but they will direct you to your own study along the way.
5. Any work which appears to have breached EdExcel’s plagiarism policy will be investigated and may be failed resulting in a disciplinary procedure. You must sign the front sheet to state that the work you hand in is your own.