

Assignment front sheet

Qualification		Unit number and title	
Pearson BTEC Higher Nationals in Computing and Systems Development		Unit 10: Human Computer Interaction	
Student name		Assessor name	
Date issued	Completion date	Submitted on	
27 th September 2016	4 th November 2016		

Assignment title	10-1: HCI Issues
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Unit & LO	Learning outcome (LO)	AC	In this assessment you will have the opportunity to present evidence that shows you are able to:	Task no.	Evidence
U10 LO 1	Understand recent human computer interaction related developments and their application	1.1	evaluate recent HCI related developments and their applications	1	Web Pages
		1.2	discuss the impact of HCI in the workplace	1	
U10 LO 2	Understand the issues related to a chosen human computer interface	2.1	discuss the issues related to user characteristics for a chosen HCI	2	Web Pages

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Learner declaration
<p>I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.</p> <p>Student signature: _____ Date: _____</p>

In addition to the above PASS criteria, this assignment gives you the opportunity to submit evidence in order to achieve the following MERIT and DISTINCTION grades

Grade Descriptor	Indicative characteristic/s	Contextualisation
M1 Identify and apply strategies to find appropriate solutions	Not in this assessment	
M2 Select/design and apply appropriate methods/techniques	Not in this assessment	
M3 Present and communicate appropriate findings	Not in this assessment	
D1 Use critical reflection to evaluate own work and justify valid conclusions	Not in this assessment	
D2 Take responsibility for managing and organising activities	Not in this assessment	
D3 Demonstrate convergent/lateral/creative thinking	Not in this assessment	

Assignment brief

Unit number and title	Unit 10: Human Computer Interaction
Qualification	Pearson BTEC Higher Nationals in Computing and Systems Development
Start date	
Deadline/hand-in	
Assessor	Dr Derek Peacock

Assignment title	10-1: HCI Issues
Purpose of this assignment This assignment aims to give learners an understanding of recent Human Computer Interaction (HCI) developments and will enable them to develop a human computer interface.	
Scenario Valerian Software is a small software development firm newly established that is looking to develop novel dynamic interactive websites that make use of modern web development best practices. You have been recently appointed as a trainee web developer and you are required as part of your job to complete an on-going CPD program which will last two years. You have been asked to prepare an individual report on the recent developments in HCI, and to illustrate that report by selecting an example of a poor use of HCI, and a good modern example of the use of HCI.	
Task 1 (LO 2.1) Select an example of the poor use of HCI in a web based application or a mobile app. Explain why you consider it to be poor. Select an example of a good web based application or mobile app, and explain why you consider it to be good. Discuss user characteristics, health and safety issues and the wider considerations such as training costs, system requirements and information storage.	
Task 2 (LO 1.1, 1.2) Discuss the impact of HCI in the workplace and evaluate the recent developments in HCI using your selected interfaces as examples wherever possible. Identify any recent developments that should be taken into account in designing the interface for an online e-commerce system	

Evidence checklist	Summary of evidence required by student	Evidence presented
Task 1	A Web page with links to a good and poor example of the use of HCI in web applications	
Task 2	A Web page illustrating the impact of HCI in the workplace and evaluates recent developments	

Achievement Summary

Qualification	Pearson BTEC Higher Nationals in Computing and Systems Development	Assessor name	Dr Derek Peacock
Unit Number and title	Unit 10: Human Computer Interaction	Student name	
Criteria Reference	To achieve the criteria the evidence must show that the student is able to:	Achieved ? (tick)	
LO1.1	evaluate recent HCI related developments and their applications		
LO1.2	discuss the impact of HCI in the workplace		
LO2.1	discuss the issues related to user characteristics for a chosen HCI		

Higher Grade achievements (where applicable)			
Grade descriptor	Achieved (tick)	Grade descriptor	Achieved (tick)
M1: Identify and apply strategies to find appropriate solutions	Not Available	D1: Use critical reflection to evaluate own work and justify valid conclusions	Not Available
M2: Select / design and apply appropriate methods / techniques	Not Available	D2: Take responsibility for managing and organising activities	Not Available
M3: Present and communicate appropriate findings	Not Available	D3: Demonstrate convergent /lateral / creative thinking	Not Available

Assignment Feedback

Formative Feedback: Assessor to Student

Action Plan

Summative feedback

Feedback: Student to Assessor

**Assessor
Signature**

Date

**Student
Signature**

Date