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| **Btec National Extended Diploma in** **IT** | | |
| **Assignment no: 1**  **Assessment Title: HCI in Context** | | |
| Assessor: Trevor Till | Student: | Group: Year 2 |
| Unit Number:23 | Unit Title: 23.1 | |
| Hand out date:  Resubmission authorised by:  (BTEC only) | Hand in date:  Resubmission hand in date: | Date handed in:  Date handed in: |

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| **Scenario**  You are a software engineer working for an IT consultancy company. You have worked on several successful IT projects. Your manager would like you to put together a training package for new recruits. This will include the history, development, impact and future of HCI with regard to society, the economy and culture.  **Task 1**  Your manager would like you to do a written report for the project team putting HCI development into context. The first part of the presentation should demonstrate how HCI has impacted on:   * society by improving usability by non-expert users, * on businesses, by increasing individual productivity, * culture, by the ways that people have changed their behaviour over time because of the way they use computers/HCI now and in the recent past.   Remember to include with clear information:   * **Society** - How has HCI opened up accessiblility for all, and how HCI has become easier to use, give some clear examples * **Economy** – How has HCI benefited the way that businesses and company employees use computers. Has it made businesses more productive and richer? Explain with clear examples. * **Culture** - How has HCI altered the ways that people used technology in their lives? Give some examples in your explanations.   **Task 2**  The project team will benefit from a prediction of a potential future development in HCI and an evaluation of what impact that may have. Be really imaginative, it could be something that doesn’t exist at all at the moment. How will this HCI work, this will be from a software and hardware point of view? You need to explain this in detail. Diagram(s) and/or illustrations may help your explanation.  You then must consider what impact if any, the development would have on society, economy/business and culture. |

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| **What to hand in:**  1. A report |

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| **How to hand in your assessment**  e.g. This assessment must be handed into / uploaded to the VLE by the hand in date on the front of the assignment brief. If you have a valid reason why you will not be able to hand in the work on time you will need to fill out and hand in an AE form to your assessor or the Head of School. |

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| **Student declaration:**  I have read the Assignment Submission Procedure. I agree that this is my own work or my own work and that of other members of my group. It has not been copied (plagiarised) from any other source e.g. the internet, a book, another student or group of students. I know that I may FAIL this assignment if the Head of School proves that this is not my own work. | | | |
| Student signature |  | Date: |  |

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| **Student feedback on what you liked and/or disliked about this assessment.**  Option 1 – delete this box if not using. | |
| **Answer Yes or No to the questions.** | |
|  | Yes / No |
| I enjoyed the task. |  |
| I understood the task. |  |
| The deadline was realistic. |  |
| I had enough support. |  |

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| **Student feedback on what you liked and/or disliked about this assessment.**  Option 2– delete this box if not using. |

For staff use only.

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| **Internal Verification** | This assessment has been verified and form IV8 completed: | IV name:  L Powles | IV signature:  L Powles | Date:  3/9/18 |

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| **SMOG index:** | 17 |

**Assessor marking grid**

**Student name:**

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| Grading criteria | | Grading criteria | | Achieved  Not submitted  Fail  Resubmission | Comments/Feedback | Target date  for resubmission  (BTEC FE only - within 15 working days of receipt of results of assessment) | |
| P1 | | Describe the impact of HCI on society, the economy and culture  . |  |  | |  | |
| D1 | | Evaluate the impact of a potential future development in HCI |  |  | |  | |

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| **General comments and feedback on English and Maths** |

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| ***Actual Grade*** | ***Grading criteria*** | P1 | D1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Achieved?*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Please note that the grade that you have been awarded is subject to confirmation following internal verification and external sampling by the Awarding Body.

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| I certify that the evidence submitted for this assignment - either via the VLE or other method - is the learner’s own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. |

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| Assessor signature: T Till | Date marked: |