**UNIVERSITY CENTRE SOMERSET**

**Computing and Digital Technologies**  
Assignment Coversheet and Grading Criteria  
2023 / 2024

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| **Qualification** | | | **Module Code and Title** | |
| BSc (Hons) Computing and Digital Technologies | | | SCDT65 Individual Project | |
| **Student Name and Number** | | | **Module Tutor** | |
|  | | | Andy Maries | |
| **Date Issued** | | **Submission Date** | | **Return Date** |
| 08/11/2023 12:00 | | 14/05/2024 15:00 | | 01/07/2024 12:00 |
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| **Assignment Number** | 2 of 4. This assignment is worth 60% of the overall module. | | | |
| **Assignment Title** | Project Report | | | |

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| **Module Learning Outcomes**  *To achieve the outcomes the evidence must show that the learner is able to:* | |  | **Task no.** |
| A2 | A critical awareness of the professional, economic, social, environmental, moral and ethical issues involved in the design, development and deployment of computing and digital technologies solutions. |  | 1 |
| B2 | Develop and apply new creative techniques and processes in the development and application of problem solving strategies throughout the professional computing project process. |  | 1 |
| B3 | Conduct specialist literature review in order to judge the reliability, validity and significance of evidence to support conclusions and/or recommendations in the design, production and evaluation of a computing asset. |  | 1 |
| C2 | Deploy new and previously acquired skills in the specification, design, implementation and evaluation of a major computing project |  | 1 |
| C3 | Examine, analyse and critically evaluate progress regularly in the form of a production log, reflecting upon strategies and methodologies appropriately in order to devise appropriate solutions in relation to the planning, development and implementation of a major computing project. |  | 1 |
| D3 | Conduct research effectively, drawing on a wide variety of sources under minimal direction, and be proficient in the use of referencing sources of information. |  | 1 |



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| **Word Count of Submission** | 10,000 words |
| **Student Declaration** | |
| Through submitting this assignment through Turnitin you agree that the work was prepared entirely by yourself in accordance with Open University’s Prevention of Academic Dishonesty Code of Practice. | |

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| **Assignment Feedback** |
| All feedback for this assignment will be provided through Turnitin in accordance with the grading criteria below on the given return date. |

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| **Assignment Task(s)** | |
| **Task no.** | **Task details** |
| Task 1 | For the rest of the academic year you are required to undertake a significant research project in the area of Computing and Digital Technologies (which you have already proposed in your Project Proposal) and present the findings in a professionally structured, well-written and in-depth individual project/dissertation.  You will need to undertake the research on your own and write the project as you go along. You can always ask more information about the project during the regular sessions with your project supervisor, in fact, you should develop a pretty good idea of what is required after a couple of sessions.  Your project should demonstrate appropriate skill sets and be presented in a professional manner. You should focus on delivering a complete, unique computer and digital technologies project. For further detailed documentation on formatting and structure please refer to past examples and resources on Teams.  Usually, it is difficult to give general structure that will apply to all written projects or dissertations, however, please use the outline below as a guide to what kind of structure is suitable:   * Project Title * Abstract * Ethical Approval * Introduction   + Problem Definition   + Project Aim   + Project Objectives * Background Research / Literature Review * Methodologies   + Design Methodologies   + Software Development Methodology   + Testing Methodologies * Sprints (multiple)   + Analysis   + Requirements   + Design   + Implementation   + Testing * Evaluation and Conclusion   + Testing Evaluation   + Project Evaluation   + Legal, Social, Ethical, Economic, Environmental and Professional Impact   + Future Work * References * Appendices   **Key Considerations**   * A structured and logical approach to research; * Combination of information from different sources; * Describe work in a clear and well-presented manner; * High quality solution, technical awareness and evidence of practical skills; * Justification, evaluation and criticism of design and approach; * Justification, evaluation and criticism of techniques used; * Well-structured, well-presented, appropriate level of detail and complies with university’s standards; * Appropriate use of models, notations, diagrams, appendices, glossary, etc. |

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| **Sources of Information** |
| Cottrell, S. (2014). *Dissertations and Project Reports: A Step by Step Guide.* Palgrave Macmillian  Dawson, C.W. (2015). *The Essence of Computing Projects: A Student's Guide.* Prentice Hall  Mcmillan, K. and Weyers, J. (2011) *How to write dissertations and project reports*. 2nd edn. Harlow: Pearson Education  Walliman, N. (2014) *Your undergraduate dissertation: the essential guide for success*. 2nd edn. London: Sage.  Wysocki, R. K. (2019). *Effective Project Management: Traditional, Agile, Extreme.* Wiley |

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| **Submission Requirements** |
| 1. Check the grading criteria below to ensure your assignment document meets the demands of the above task(s). 2. If the assignment contains any practical work, place any relevant additional files (i.e. software) in to a folder and zip-up the entire folder into a single zip file. 3. Name the assignment document and any relevant ZIP file using the following format:  *SCDT65\_CW2\_StudentNumber\_FirstName\_LastName*.docx/zip  (replace the *placeholders* with module code, coursework number, your student number, first and last name respectively) 4. Go to the Turnitin and use the upload facility to submit your assignment and any required ZIP file to the relevant module. There is no need to submit this assignment brief. |

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| **IMPORTANT INFORMATION** | |
| * Please stay within the limits of the word count stated at the top of assignment brief. Any additional content over the word count limit (plus or minus 10%) will be disregarded and not be assessed at all.  All work should be submitted online via Turnitin.Please ensure that you submit your assignment on the right submission slot for each module.It is your responsibility to check that you can access Turnitin and Teams properly. If your college student account is locked, please contact ITU on 01823 366 354 or email them to ITSHelpdesk@btc.ac.uk and request to have your account unlocked, but please ensure you allow plenty of time to do this, do not leave everything until the last day of your deadline.If there are circumstances where you need to submit your assignment other than online, please discuss your needs with the module tutor and alternative arrangements could be made so that you can submit your coursework within the set deadline.Regulations allow you to submit coursework up to 6 working days late. A penalty of deducting 10% will be applied for each day an assignment is late, with a maximum penalty of deducting 60% from your final mark for the late assignment. Any assignment submitted later than 7 days with be awarded a mark of zero. |

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| Numeric Grade | Descriptor  (Class Band) | Undergraduate Grading Criteria | | | | |
| Introduction and Research | Aim(s) and Objectives | Methodology and Resourcing | Implementation and Testing | Evaluation and Overall Structure |
| 80-100 | Outstanding  (Upper Distinction) | Outstanding introduction that provides a comprehensive overview of the problem area and solution. Research has been well-structured and uses a wide variety of credible sources of information to inform objectives. The introduction is of publication quality. | Very well considered aim(s) which is highly suitable for the scope of the project and potentially beyond. The objectives are SMART and cover all areas of the SDLC. The objectives have allowed the project to be broken down into manageable tasks. | Publication standard methodology has been produced and covers the entire SDLC. The methodology is detailed enough that it can be used to replicate the project in its exact entirety. The resourcing is highly detailed and covers all relevant areas. The resourcing section can be used to replicate the project in its exact entirety | A highly effective and industry standard approach to implementation and testing. Industry standard tools and software has been used to produce a highly detailed, project. Project testing has been conducted and evidenced in line with industry standards. | Referencing is of professional publication quality. The structure of the report follows all UCS guidelines and is over publication quality. Ethical implications have been well considered. |
| 70-79 | Excellent  (Lower Distinction) | Excellent introduction that provides a comprehensive overview of the problem area and solution. Research has been well-structured and uses a variety of credible sources of information to inform objectives. | Considered aim(s) which is highly suitable for the scope of the project. The objectives are SMART and cover all areas of the SDLC. The objectives have allowed the project to be broken down into manageable tasks. | High standard methodology has been produced and covers the entire SDLC. The methodology is detailed enough that it can be used to replicate the project. The resourcing is detailed and covers all relevant areas. The resourcing section can be used to replicate the project in. | An effective approach to implementation and testing. Industry standard tools and software has been used to produce a detailed project. Testing has been conducted and evidenced in line with standards seen in industry. | All citations have been incorporated properly into the text. All references listed properly in the reference list. The structure of the report follows all UCS guidelines and is over very high quality. Ethical implications have been well considered. |
| 60-69 | Very Good (Commendation) | Very good introduction that provides a suitable overview of the problem area and solution. Research has been structured well in most places and uses a variety of suitable sources of information to inform objectives. | Aim(s) which is very suitable for the scope of the project. The objectives are SMART and cover all areas of the SDLC. The objectives have allowed the project to be broken down into manageable tasks. | An effective methodology has been produced and covers the most areas of the SDLC. The methodology is detailed enough that it can be used to replicate the majority of the project. The resourcing is detailed and covers the relevant areas. The resourcing section can be used to somewhat replicate the project. | An effective approach to implementation. Industry standard tools and software has been used to produce a detailed project. Project testing used suitable methods and software. At times, project testing has been conducted and evidenced in line with standards seen in industry. | Only minor errors in incorporating citations into the text. Only minor errors in incorporating references into the reference list. The structure of the report follows all UCS guidelines and is over high quality. Ethical implications have been well considered. |
| 50-59 | Good/Satisfactory  (Upper Pass) | Effective introduction that provides a suitable overview of the problem area and solution. Research has been structured well in some places and uses a variety of suitable sources of information to inform objectives. | Aim(s) which is suitable for the scope of the project. The objectives are mostly SMART and cover most areas of the SDLC. The objectives have allowed the project to be broken down into manageable tasks. | A suitable methodology has been produced and covers the most areas of the SDLC. Mostly, the methodology is detailed enough that it can be used to replicate the parts of the project. The resourcing is covering most relevant areas. The resourcing section can be used to partially replicate the project. | There is an effective approach to many aspects of the project implementation. Tools and software have been used to produce an effective project. Project testing has been conducted and evidenced in line with professional standard. | A few errors in incorporating citations into the text. A few errors in incorporating references into the reference list. The structure of the report follows all UCS guidelines. Ethical considerations have been made in most areas. |
| 40-49 | Marginal Pass / Satisfactory (Lower Pass) | Adequate introduction that provides an overview of the problem area and solution. Research has been structured and uses a variety of sources of information to inform objectives. | Aim(s) which is somewhat suitable for the scope of the project. The objectives are SMART at times and cover most areas of the SDLC. The objectives have allowed the project to be broken down into manageable tasks. | An adequate methodology has been produced and covers some areas of the SDLC. The methodology can be used to replicate the parts of the project. The resourcing covers some relevant areas. The resourcing section can be used to partially replicate a limited version of the project. | There is some effective approach to aspects of project implementation. Tools and software have been used to produce a somewhat effective project. Project testing has been implemented using suitable methods. | Some errors in incorporating citations into the text. Some errors in incorporating references into the reference list. The structure of the report follows all UCS guidelines. Ethical considerations have been made in most areas. |
| 20-39 | Clear Fail  (Fail) | This is little evidence of an introduction; it does not provide an overview of the problem area and solution. Research has been structured poorly and uses limited sources of information to inform objectives. | Aim(s) which is not suitable for the scope of the project. The objectives are not SMART and do not cover most areas of the SDLC. The objectives have not allowed the project to be broken down into manageable tasks. | No adequate methodology has been produced. The methodology cannot be used to replicate the parts of the project or only replicate a very limited version. The resourcing does not cover relevant areas or has large gaps. The resourcing section cannot be used to partially replicate even a limited version of the project. | There is little or no evidence of an effective approach to many aspects the project. Not tools or software have been used. Project testing has not been implemented effectively. | Many errors in incorporating citations in text  Many errors in incorporating and reference list. Poor structure throughout that does not report follow all UCS guidelines. Ethical considerations have not been made in most areas. |
|  | Nothing of Merit  (Fail) | Nothing of merit has been submitted for the introduction and research sections. | Nothing of merit has been submitted for the aim(s) and objectives. | Nothing of merit has been submitted for the methodology or resourcing sections. | No or nothing of merit has been submitted for the project. Project testing has not been implemented at all.  . | References have not been incorporated in accordance with University guidelines. Very poor structure throughout. No ethical considerations have been made. |