**UNIVERSITY CENTRE SOMERSET**

**Computing and Digital Technologies**  
Assignment Coversheet and Grading Criteria  
2019 / 2020

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | | | **Module Code and Title** | |
| BSc (Hons) Computing and Digital Technologies  FdSc Computing and Digital Technologies | | | SCGT46 Professional Skills and Industry Practices | |
| **Student Name and Number** | | | **Module Tutor** | |
|  | | | Simon West | |
| **Date Issued** | | **Submission Date** | | **Return Date** |
| 25/02/2020 12:00 | | 24/03/2020 15:00 | | 05/05/2020 12:00 |
|  | | |  | |
| **Assignment Number** | 1 of 2. This assignment is worth 60% of the overall module. | | | |
| **Assignment Title** | Written Report | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Learning Outcomes**  *To achieve the outcomes the evidence must show that the learner is able to:* | |  | **Task no.** |
| A1 | Understanding of how teams work and are managed efficiently within the computing and digital technologies industry. |  | 1 |
| A2 | Understand the purpose project management, business analysis and business management when consulting in the computing and digital technology industries. |  | 2 |
| B1 | Appraise industry and business practices that support the analysis, design, development, testing and evaluation of computing and digital technologies solutions. |  | 2 |

|  |  |
| --- | --- |
| **Word Count of Submission** | 2500 |
| **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. | |

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

|  |  |
| --- | --- |
| **Assignment Task(s)** | |
| **Task no.** | **Task details** |
| 1 | Explore and review several different software development frameworks (e.g. RUP, Scrum, DevOps, Extreme Programming (XP) etc.) and software/project management tools (GitLab, JIRA, Azure DevOps, Trello etc.) and discuss how these can support teamwork and team management when developing software. |
| 2 | You have been tasked to consult on the following two software projects:   * A mobile app for a local hairdresser. * A large-scale online shopping platform for a national retailer.   Discuss the role of project management and the scale of business analysis required to determine the requirements for each project.  Recommend and justify a suitable software development methodology that supports the analysis, design, development, testing and evaluation for each project.  Finally produce a detailed project plan for each of the two software projects, each plan should be in the form of a Gantt chart. |

|  |
| --- |
| **Sources of Information** |
| Cottrell, S. (2003) Skills for success: Personal Development and Employability, Palgrave study guides. |

|  |
| --- |
| **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:  SCGT*46* \_CW*1*\_*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. |

|  |  |
| --- | --- |
| **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 Blackboard properly. If your college student account is locked, please contact ITU on 01823 366 354 or email them to ITHelpdesk@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 6 days with be awarded a mark of zero. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Numeric Grade | Descriptor  (Class Band) | Undergraduate Grading Criteria | | | | |
| Review of Development Frameworks | Review of Management Tools | Role of Project Management and Suggested Methodologies | Project Planning | Referencing and Structure |
| 80-100 | Outstanding  (Upper Distinction) | An outstanding critical review into development frameworks which references industry case study examples and is supported with wide variety of highly relevant literature. | An outstanding critical review into software/project management tools which references industry case study examples and is supported with wide variety of highly relevant literature. | An outstanding discussion on the role of project management in the given scenarios. Industry standard methods and elicitation techniques have been proposed for a complete and thorough analysis. A highly suitable methodology has been proposed with well supported justification. | A highly critical and industry standard approach to project planning. Industry standard tools and software has been used to produce a highly detailed, implementable project plan. | Presentation, structure and sources is of professional publication quality. |
| 70-79 | Excellent  (Lower Distinction) | An excellent critical review into development frameworks which references case study examples and I supported with highly relevant literature. | An excellent critical review into software/project management tools which references case study examples and I supported with highly relevant literature. | An excellent discussion on the role of project management in the given scenarios. Well-chosen methods and elicitation techniques have been proposed for a complete analysis. A highly suitable methodology has been proposed with well supported justification. | A critically approach to project planning. Industry standard tools and software has been used to produce a detailed, implementable project plan. | Structure of the report is in chronological order with excellent use of headings.  All citations have been incorporated properly into the text. All references listed properly in the reference list |
| 60-69 | Very Good (Commendation) | A very good review into development frameworks which references case study examples and some highly relevant literature from a range of sources. | A very good review into software/project management tools which references case study examples and some highly relevant literature from a range of sources. | A very good discussion on the role of project management in the given scenarios. Well-chosen methods and elicitation techniques have been proposed for a complete analysis. A suitable methodology has been proposed with well supported justification. | A critically approach to project planning. Industry standard tools and software has been used to produce a detailed, implementable project plan. | Structure of the report is in chronological order with very good use of headings but not including all relevant subheadings, contents page and front cover.  Only minor errors in incorporating citations into the text. Only minor errors in incorporating references into the reference list |
| 50-59 | Good/Satisfactory  (Upper Pass) | A good review into development frameworks which references case study examples with supporting literature and examples. | A good review into software/project management tools which references case study examples with supporting literature and examples. | A good discussion on the role of project management in the given scenarios. Some well-chosen methods and elicitation techniques have been proposed for the business analysis. A suitable methodology has been proposed with well supported justification. | There is an effective approach to many aspects of the project planning. Tools and software have been used to produce an implementable project plan. | Structure of the report is in good order with good use of headings but not including all relevant subheadings, contents page and front cover. A few errors in incorporating citations into the text. A few errors in incorporating references into the reference list |
| 40-49 | Marginal Pass / Satisfactory (Lower Pass) | A basic review into development frameworks with slight reference to real world study with little supporting literature. | A basic review into software/project management tools with slight reference to real world study with little supporting literature. | A suitable discussion on the role of project management in the given scenarios. Some suitable methods and elicitation techniques have been proposed for the business analysis. A suitable methodology has been proposed with well supported justification. | There is are some effective approach to aspects of project planning. Tools and software have been used to produce a somewhat implementable project plan. | Structure of the report is in poor order with poor use of headings and not including all relevant subheadings, contents page and front cover. Some errors in incorporating citations into the text. Some errors in incorporating references into the reference list |
| 20-39 | Clear Fail  (Fail) | Little review of development frameworks with no references to examples. | Little review of software/project management tools with no references to examples. | Little or shallow discussion on the role of project management in the given scenarios. Very little suitable methods and elicitation techniques have been proposed for the business analysis. No suitable methodology has been proposed. | There is little or no evidence of an effective approach to many aspects the project planning. Not tools or software have been used to produce a project plan. | Structure of the report is non-existent with no use of headings. Many errors in incorporating citations in text. Many errors in incorporating and reference list. |
|  | Nothing of Merit  (Fail) | No or nothing of merit has been submitted for the review of development frameworks. | No or nothing of merit has been submitted for the review of software/project management tools. | No or nothing of merit has been submitted for the project plan. | No or nothing of merit has been submitted for the project plan.  . | Structure and references have not been included in accordance with University guidelines. |