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Description generated with high confidence**

**Programme of Study:**

**Foundation Degree in Applied Computing**

**Type of Assessment:**

**Assignment**

**Unit:**

**LP30483 Work-Based Research Project**

**ASSIGNMENT TITLE:**

**LP30483A3 Project Report**

**WORD COUNT**

**(May not exceed +/- 10% of limit)**

Ensure that you have completed your work as specified by the deadline date and time (**Thursdays 4pm**)

You must submit one electronic copy of your work to the relevant location as detailed in the assignment brief (normally Turnitin via College Moodle).

You must keep an electronic copy of this assignment for your own records.

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| **Hand out date:** | | As per Assessment Plan | **Hand in date:** | | | As per Assessment Plan |
| **Lecturer:** | | Brian Bentham | **Contribution to Unit Marks: %** | | | 70% |
| **Unit Outcomes:** | * Demonstrate the knowledge and skills required for the successful management of a project * Set a project in the broader management or organisational context, taking into account relevant theories and practices * Identify, research and analyse a specific work-based issue or opportunity of either practice or policy origin * Conduct and manage the research * Evaluate the outcomes of the research, make recommendations and produce a final report of the research. | | | | | |
| **Moderated by:** | Lyall Clarey | | | **Date:** | 09/09/2019 | |

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| **Background/Scenario**  Aims  The aim of this assignment is to demonstrate that you can independently undertake a work-based computing research project, which introduces new knowledge, practice or policy to a workplace. You will also demonstrate that you can apply effective project management techniques.  Overview  For this assignment, you will write a final report on your research project.  When referring to your literature review and methodology for your project (probably based on the work submitted for the Research Methods unit), make sure to reference yourself.  A good project should meet the following criteria:   * It should introduce new knowledge, practice or policy to a workplace; * It should demonstrate success, for example by delivering a functional piece of software. | | |
| **Task:** | **Task Description:** | **Contribution (%)** |
| 1 | Write a report on your project. The report should be logically structured, with an introduction explaining the purpose and scope of the project, and a conclusion evaluating the project outcomes. It should tell the story of the development of your project.  For example, you might include the following sections:   * Requirements capture; * Design decisions; * Implementation; * Testing and validation; * Project management;   The conclusion of the report should evaluate the success of all aspects of the project, including project management, make recommendations for future development, and describe lessons learned that can be applied to future projects.  You should also include a personal evaluation section at the end of your project. This should be cleared labelled as ‘**Personal Evaluation**’. This section may be written from the first person perspective.  If possible, include a letter from your sponsor evaluating the project outcome.  Technical materials, such as design diagrams, code listings, project plans and your user manual should be provided in appendices, and are not included in the word count. Note that code used must be copied in a format so it can read by Turnitin. i.e. you may not paste screen shots of your code in this appendix.  All sources must be correctly referenced in Harvard style.  Marks will be awarded for a professional standard of presentation. | 100% |
| **Guidance Notes:** | | |
| ***Guideline length: 5000 words: Note that longer reports will be penalised and the grade limited to a maximum of 59%.***  You should submit a printout of your word-processed report. Any software or other electronic media produced during the project should also be submitted on a CD/ DVD. | | |

Assessment Criteria

Analysis (A) Reading and Research (RR) Communication (C)

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| % mark |  | Description |
| 0-19%  (Bad Fail) | A  RR  C | ***No engagement*** with pertinent issues; assertions not supported by evidence; description is very weak and incomplete; ***disjointed*** with hardly any relevancy to the set problem: very ***superficial*,** no coherent argument.  No evidence of any ***relevant* or *appropriate*** readings undertaken.  Little evidence of any structure; ***poor organisation*** and expression; substantial number of grammatical and spelling errors; ***no signposting***; much ***irrelevant material***. |
| 20-29%  (Bad Fail) | A  RR  C | ***Minimum engagement*** with pertinent issues; assertions are not supported with ***appropriate*** evidence; ***disjointed at times***; ***superficial*** with ***little or no coherent argument***  Very little evidence of any ***relevant*** or ***appropriate*** readings undertaken  The use of ***English is seriously flawed***; ***poor evidence of structure*** to the answer; ***referencing*** is ***mostly inaccurate***; limited content relevant to the task; ***significant*** number of ***grammatical and spelling errors***; much ***irrelevant material*** although ***less than 0-19% category*** |
| 30-39%  (Fail) | A  RR  C | The focus of the question/ problem/ task is ***partly understood***; the ***analysis is unbalanced*** while some ***key elements are omitted***; limited ***conclusions*** are drawn or those that are drawn are ***not adequately linked to the argument***; there is very little analysis or evaluation.  There ***is limited evidence of reading***; reading has been misunderstood and ideas have not been explored; reading has not been used in support of the argument.  The use of ***English is flawed***; there is limited evidence of structure to the answer; ***referencing is partly accurate***; most of the content is relevant to the task; significant number of grammatical and spelling errors although ***less than the 20-29% category*** |
| 40-49% (Pass) | A  RR  C | The focus of the question/problem/task is only understood at a ***basic level***; ***mostly descriptive***, with ***analysis* and *reflection* being *limited***; weak argument, lacking ***coherenc****e*; not well ***substantiated*** with evidence.  Evidence of limited reading beyond class/lecture notes; ***limited evidence*** of research; some appropriate material used, but ***ideas not adequately developed*** or explored..  One or two elements of an ***appropriate structure*** are present; considerable grammatical and ***spelling errors*** are evident. |
| 50-59% | A  RR  C | the focus of the question/problem/task is ***understood****;* key issues  ***Identified***; one or two related issues identified; analytical techniques/concepts/theories are applied ***appropriately but limitedly****;* ***some evidence of engagement***, avoiding mere description.    Evidence of selection of material from a limited range of sources; some evidence of independent research, although a ***limited attempt* to synthesise** it.  The structure is ***broadly appropriate***, elements of development/progress are evident; appropriate language and concepts are used ***most*** of the time; moderate grammatical or spelling errors are evident. |
| 60-69% | A  RR  C  WL | Focus of the question/problem/task is understood although there is a ***limited attempt to synthesise***; key issues and one or two related issues identified; analytical techniques/methods are ***theoretically informed*** although a ***slightly limited analysis*** of these is undertaken; ***some awareness of competing*** alternative analyses/perspectives/solutions is apparent.  Evidence of reading from a ***number of recommended sources***; effective deployment of reading in support of analysis; ***evidence of independent research.***  ***Structure is clear***; the form of communication/medium selected is ***appropriate*** to the task; overall the ***argument is concise*** although ***lacks some coherenc****e* at times; an appropriate technical and/or conceptual language is used most of the time; some ***minor*** grammatical and/or spelling errors.  For an assignment to achieve this band it must be close to the word limit (within ±10%). |
| 70- 85% | A  RR  C  WL | The focus of the question/problem/task is ***clearly understood***; key issues are *understood* and significant related issues are identified; theory and concepts are deployed in a manner which is ***critically self-aware***; ample evidence of ***analysis* of *relevant theories***; ability to deploy competing/alternative analyses/ perspectives/solutions is apparent.  Evidence of selection of material from a wide range of sources; critical use of reading and its effective deployment to support analysis; strong evidence of independent research.  the argument is ***well organised***: the structure is *clear*; the form of communication/medium selected is appropriate; ***technical and/or conceptual language*** or set of skills is used with ***accuracy*** and ***confidence***, virtually no grammatical or spelling errors  For an assignment to achieve this band it must be close to the word limit (within ±10%). |
| 86 - 100% | A  RR  C  WL | the focus of the question/problem/task is understood; primary and secondary issues are ***very clearly identified*** and ***well distinguished***; theory and concepts are deployed in a ***very confident* and *precise*** manner which is ***critically self-aware***; evidence of ability to evaluate, select and deploy competing/alternative analyses/perspectives/solutions ***insightfully***  There is ***consistent*** evidence of the ability to read widely and with ***discrimination*** in the search for information; ***very effective*** deployment of reading to ***support*** arguments; capacity to use ***appropriate evidence*** from other disciplines.  The structure is ***clear, logical* and *professional***; the form of communication/medium selected is appropriate; technical and/or conceptual language or set of skills is used with ***confidence, accuracy* and *clarity****;* no grammatical or spelling errors; answer is well thought through and ***fluently written***.  **Word limit:** For an assignment to achieve this band it must be close to the word limit (within ±10%). |