**INTI International College Penang School of Engineering and Technology**

**3+0 Bachelor of Science (Hons) in Computer Science, in collaboration with Coventry University, UK**

**3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK**

**Coursework cover sheet**

**Section A - To be completed by the student**

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| Full Name: DAMIEN TAN LEK KHEE | |
| CU Student ID Number: 12672844 | |
| Semester: 9 | |
| Lecturer: USHA JAYAHKUDY | |
| Module Code and Title: **6001CEM Individual Project** | |
| Assignment No. / Title: **Project Report** | % of Module Mark: **80%** |
| Hand out date: Semester 1, week 1 | Due date: Semester 2, week 12 |
| Penalties: No late work will be accepted. If you are unable to submit coursework on time due to extenuating circumstances you may be eligible for an extension. Please consult the lecturer. | |
| Declaration: I the undersigned confirm that I have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and procedures. I confirm that this piece of work is my/our own. I consent to appropriate storage of our work for plagiarism checking.  Signature(s): -----------------TAN--------------------- | |

**Section B - To be completed by the module leader**

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| Intended learning outcome assessed by this work:   1. Conduct a substantial piece of primary research work (including, but not limited to, an application development, a model or simulation, a business case, or observational or interactional method) in order to address the initial research question. 2. Conduct such secondary research as to establish the context, need, scope and audience for the project. 3. Reflect and account for the management of the project, showing consideration for the social, legal, professional and ethical dimensions of the work undertaken. 4. Present findings of the research in the form of a project report, utilising appropriate academic methods of reporting and citation. |

**303COM Project Report Grading Form**

**Grading Notes:**

The project report is marked out of 100. First and Second supervisors should mark the report independently. First and Second supervisors should then discuss the grading and agree a final mark. In cases where there is a significant difference of grades (over or under a grade boundary or >=10 marks – whichever is smaller) and agreement cannot be made - please contact head of programme.

A final grade sheet should be prepared by the *first marker* including the relevant feedback from both first and second marker and the agreed final grade. In all cases, feedback should clearly justify the grade awarded.

Overleaf is a detailed component grading sheet.

Modal grading: In awarding marks please consider the following modal guidance:

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|  | **Academic quality of the project** | **Conduct of the project process** |
| **>70%** | A report which could be, with minor modifications, suitable for publication – or form the basis for a postgraduate project.  A project that correctly matches research methods with a well-chosen research question.  A project which contains original insight or develops novel methods for the solution of the research problem.  A project which has challenged the student to extend the boundaries of their own knowledge and acquire skills that they did not already possess.  A report that is complete and very effectively communicates both the process of the project and delivers mature and pertinent conclusions. | Very clear evidence of project management, time management, and consideration of social, legal, professional and ethical issues.  Reflection on process is mature and pertinent.  Strong evidence of reflection upon and response to supervision.  Original use of recording and tracking methods to monitor project progress, including accounts of meetings and decision making. |
| **Threshold (40%)** | A Project with little originality that does not provide the student with sufficient challenge to demonstrate academic skills appropriate to a final year BSc degree.  A project that does not demonstrate clarity of thinking.  A report that suggests project conduct was chaotic, with poor project management. | Completion of the report is cursory or minimal with some cohesiveness and contextualization.  Some account of project management and conduct but with little reflection or insight.  Evidence that the project is rushed through some incomplete sections. |

## **COMPONENT Grades**

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| **Understanding of Problem Domain** | **/10** |
| Applies to both development and research based projects.  Please comment on whether the project:   * Has demonstrated understanding of the problem/application domain * Has formulated suitable project objectives and research questions which meet the final outcome of the proposed project/research * Has identified any legal, social, ethical and professional issues that are relevant to the project. * Final report was aligned to the detailed project proposal |  |
| *Feedback.* | |
| **Literature Review** | **/20** |
| Applies to both development and research based projects.  Please comment on whether the project:   * Has carried out and reported on a critical investigation of the area relevant to the project * Has compared to similar products or systems and/or technologies * Has considered and discussed different approaches to solving the problem or developing the application and justified the selection * Has used the references which are relevant and recent. | |
| *Feedback.* | |
| **Research Methodology** | |
| **Research Methodology**  Please comment on whether the project:   * Has chosen the right Primary Research Method(s) * Has executed the primary research method accurately. * Has produced a suitable project plan and has addressed the level of complexity in the design and implementation of the product and commented on this in the project * Has documented and commented on any changes to the project plan   and has critically discussed the development processes – all the phases in the adopted methodology is discussed and evidently shown in the report.   * Has consideration of social, professional, legal and ethical issues in relation to the project and submitted ethical form.   *Feedback:*  **/20**  **Analysis & Outcome**  Applies to research based project  Please comment on whether the project:   * Has analyzed the findings with:   + correct extrapolation of facts and/or statistics   + appropriate conclusions drawn from both primary and secondary methods   + presentation of information in a clear and comprehensive manner. * Has carried out appropriate evaluation methods and report them critically. * Has demonstrated a wide range of reading and research for the project through analytical and reflective discussion in the dissertation. * Excellent identification of statistical techniques used in data analysis to generate valid and reliable data   Applies to the development based projects  Please comment on whether the project   * Has carried out appropriate testing during development and given a test plan, test strategy, and test results. * Has justified the choice of methods, techniques and tools for modelling and development * Has evaluated the artifact performance by synthesizing different approaches, comparing, and contrasting with the existing (if any) artifacts skillfully and independently. * Fully leveraging all features of version control, testing frameworks, documentation systems and seamless usage of many tools within the development chain. | **/10** |
| *Feedback.* | |
| **Report structure and clarity of communication** | **/10** |
| Please comment on whether the report:   * Covered the required research/development report chapters & sections and able to produce consisted logical selection and ordering of chapters. * Is conciseness and ease of use and read by incorporating with appropriate diagrams, charts, figures etc. * Is free of spelling and grammar mistaken, and good use of paragraphing structure. * Is using the correct citation and referencing format * Gave critical evaluation of the project, identifying where and how improvements can be made |  |
| Feedback. | |
| **Project Management**  **/10** | |
| Applies to both development and research based projects.  Please comment on whether the project:   * Has provided evidence of project management (meeting logs / diary)   Has fulfilled the weekly meeting requirements (proposal stage (first semester) – minimum 10 meetings, development stage (second semester) – 13 weeks)   * Has demonstrated effective project management skills and problem solving techniques related to project management and project status reporting. * Able to deliver successful projects at a faster pace in increasingly complex environments with the usage of proper project management tool. |  |
| Feedback.  **/20** | |
| **Project Demonstration** **& Presentation**  Applies to both development and research based projects.  Please comment on whether the project:   * Able to exercise skillful delivery techniques (posture, gesture, eye contact, vocal expressiveness) that compelled the audience to listen and displayed the speakers’ confidence and polished presentation. * Demonstrate skilled language choices (e.g., complete sentences, proper phrases) to convey the thoughts on the project and its implication that enhanced the effectiveness of the presentation and established the presenter’s authority on the topic and intrigued technical and non-expert audiences. * Able to devoted and exploited a variety of compelling supporting materials (e.g., examples, illustrations, statistics, analogies, quotations, graphs) to the presentation that significantly improved the research context presentation and that established the presenter’s authority on the topic. * Able to exhibit comprehensive knowledge and answer all questions with explanations and elaborations. * Able to provide an excellent and compelling explanation of the project and its implications, which were present throughout the presentation * Failure to turn up for viva presentation, the overall project marks will be rewarded as zero marks |  |
| **Total** | **/100** |

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| **The rubric below is applicable for the sections of:**   * Report structure and clarity of communication | |
| 0 – 2% | * The content of this section is totally incorrect and does not fulfilled most the assessment criteria. |
| 3 – 5% | * The contents of this section fulfilled the assessment criteria but some areas are incorrect or incomplete. |
| 6 – 8% | * The contents of this section fulfilled all the assessment criteria with minor mistake or inconsistency or explanation. Lacking of critical review writing/presentation skills. |
| 9 – 10% | * The contents of this section fulfilled all the assessment criteria. Critical review writing/presentation skills are demonstrated. |

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| **The rubric below is applicable for the sections of:**   * Understanding of Problem Domain * Literature Review * Project Presentation/Demonstration | |
| 0 – 5 % | * The content of this section is totally incorrect and does not fulfilled most the assessment criteria. |
| 6 – 10% | * The contents of this section fulfilled the assessment criteria but some areas are incorrect or incomplete. |
| 11 – 15% | * The contents of this section fulfilled all the assessment criteria with minor mistake or inconsistency or explanation. Lacking of critical review writing/presentation skills. |
| 16 – 20% | * The contents of this section fulfilled all the assessment criteria. Critical review writing/presentation skills are demonstrated. |

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| **The rubric below is applicable for the sections of:**   * Research methodology, analysis and outcomes | |
| 0 – 7 % | * The content of this section is totally incorrect and does not fulfilled most the assessment criteria. |
| 8 – 15% | * The contents of this section fulfilled the assessment criteria but some areas are incorrect or incomplete. |
| 16 – 25% | * The contents of this section fulfilled all the assessment criteria with minor mistake or inconsistency or explanation. Lacking of critical review writing/presentation skills. |
| 25 – 30% | * The contents of this section fulfilled all the assessment criteria. Critical review writing/presentation skills are demonstrated. |