Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

APPENDIX GA36d

LEVEL 7 ASSESSMENT SPECIFICATION

Student name:		**Student ID number:**	
Programme:	**MSc Computing**		
Module:	**Master's Project**		
Module code:	**ACFB7003**	**Contribution to Overall Module Assessment (%):**	**20%**
Lecturer:	**Dr Dipo Dunsin**	**Internal Verifier:**	**Gaynor Thomas**
Assignment Title:	**Final Project : Viva & Demo**	**Word count (or equivalent):**	
Submission deadline:	**Presentation and Viva : Between 9th June to 19th June 2026**	**Return date of provisional marks & written feedback:**	
Submission method:	All written assessments, where practical and possible, must be submitted via Turnitin unless otherwise instructed by the Lecturer. (Please DO NOT put this assessment specification into Turnitin or it will match many similarities with other students' submissions.) **Alternative submission method (if applicable): NA** **Late submission of the assessment will result in a late penalty mark.** Penalties for late submission: Up to one week late, maximum mark of 50%. Over one week late, 0%. Only the Extenuating Circumstances Panel may approve a change to submission dates.		
Academic honesty / referencing:	Academic honesty is required. In the main body of your submission you must give credit to authors on whose research and ideas your work is based. Append to your submission a reference list that indicates the books, articles, etc. that you have used, cited or quoted in order to complete this assessment.		

Module Learning Outcomes (from module syllabus)
Upon the successful completion of this module, the student should be able to: • critically identify and develop an advanced research topic • review appropriate literature by contextualising and integrating the study into the continuing development of knowledge and understanding of chosen research topic • critically formulate a series of research objectives and devise strategies to support these • demonstrate and display advanced critical, analytic and creative thinking • demonstrate advanced professional skills to present information both orally and in a written form

TASK DESCRIPTION

Use of Generative AI in Assessment
(Lecturer to indicate Yes or Not against each element)

RESEARCH	For this assessment, you can use Generative AI to support you in research and data analysis.	Yes ☒ No ☐
STRUCTURE	For this assessment, you can use Generative AI to support you in structuring your submission, including creating a draft argument structure, identifying parts and headings, etc.	Yes ☒ No ☐
PROOFREADING	For this assessment, you can use Generative AI to check your own text/creation for grammatical and syntactical mistakes, including getting suggestions to rephrase your work.	Yes ☒ No ☐
WRITING	For this assessment, you can use Generative AI to create text for submission.	Yes ☐ No ☒
CREATIVE	For this assessment, you can use Generative AI to create creative materials, such as images.	Yes ☐ No ☒
PROGRAMING	For this assessment, you can use Generative AI to create and check code.	Yes ☐ No ☒
NONE	For this assessment, you are not allowed to use **any** type of Generative AI support. This includes research support, structure support, writing/proofreading support and creative support.	☐

About the Project:

The Project provides an opportunity for the student to undertake a deep and systematic study into a particular area of the agreed individual / team Project. The area will require knowledge and understanding at the forefront of developments within the field. It will provide a vehicle to further advance the innovative and creative skills of the student and to integrate any of the material taught in Part 1. As such it aims to prepare the students for life-long learning, fostering an investigative and analytical approach to solving complex problems in an innovative manner.

Assessment checkpoints:

There will also be a viva-voce presentation to staff and forms the remaining 20% of the module.

You will be prepare a presentation and present your research question, aims and objectives, experiment, results and discussion. Also, you will demonstrate your experiment /artefact that you have developed for your research project.

Assessment checkpoint for all of these dates are included below:

Assignment Name	**Assignment Type**	**Date of Presentation or Hand-in**	**Assignment Weighting**
FINAL PRESENTATION (VIVA VOCE) – 20%			
Final Viva + Demo	Presentation	Viva & Demo between 9 - 19 June 2026	20%

The Level 7 Project is a major piece of work undertaken by the student on an individual basis. The project is a 60-credit module on all MSc programmes. The student's performance in the Project has a substantial influence on the class of Master's degree awarded.

You have already created your Project Proposal through the ACFA7004 Research Methods and Professional Development module.

Throughout the project you will meet your Project Supervisor in a 30-minute timetabled slot every week or 1 hour alternative weeks. In addition, there will be extra briefing sessions or email information sent by the Project Co-ordinator. It is expected that students will undertake a considerable period of independent work.

The nature of the project will vary considerably across Master's programmes and will be marked slightly differently according to the category it falls into (Survey, Review, Analysis, Experiment or Development) – the category for your project is to be discussed with your supervisor.

Attendance of weekly supervision and briefing session is and student attendance as well as progress will be monitored carefully.

The module will be assessed as follows:

Written Report – 80%

	Survey	Review	Analysis	Experiment	Development
1. Engagement with Literature Skills					
Introduction	/5	/5	/5	/5	/5
Literature Review	/25	/40	/30	/25	/15
2. Knowledge and Understanding Skills					
Methodology	/5	/5	/5	/5	/5
Data Collection Process Design	/15	-	-	-	-
Requirements/Design	-	-	-	-	/10

	Survey	Review	Analysis	Experiment	Development
3. Cognitive and Intellectual Skills					
Problem Definition	-	-	/10	-	-
Results and Discussions	/30	/30	/30	/30	/30
Conclusions and Recommendations	/10	/10	/10	/10	/10
4. Practical Skills					
Development	-	-	-	-	/15
Experimental Design	-	-	-	/15	-
5. Transferable Skills for Life and Professional Practice					
Reflection	/5	/5	/5	/5	/5
Quality of Report	/5	/5	/5	/5	/5
TOTAL:	**/100**	**/100**	**/100**	**/100**	**/100**

Final Viva – 20%

Project type:	**Survey**	**Review**	**Analysis**	**Experiment**	**Development**
1. Knowledge and Understanding Skills					
Response to Questioning	/30	/30	/30	/30	/30
2. Cognitive and Intellectual Skills					
Discussion of Findings	/50	/50	/50	/30	/30
3. Practical Skills					
Demo	-	-	-	/20	/20
4. Transferable Skills for Life and Professional Practice					
Presentation Style	/10	/10	/10	/10	/10
Supporting Materials	/10	/10	/10	/10	/10
TOTAL	**/100**	**/100**	**/100**	**/100**	**/100**

Full guidance regarding the above is given in the Project Handbook.

GUIDANCE FOR STUDENTS IN THE COMPLETION OF TASKS

As this is a 60 credit module, students should refer to the Project Handbook for full guidance.

NOTE: The guidance offered below is linked to the five generic assessment criteria overleaf.

Engagement with Literature Skills
Your work must be informed and supported by scholarly material that is *relevant* to and *focused* on the task(s) set; you should make use of scholarly reviews and primary sources, as appropriate (for example, refereed research articles and/or original materials appropriate to the discipline). You should provide evidence that you have accessed a wide *range* of sources, which may be academic, governmental and industrial; these sources may include academic journal articles, textbooks, current news articles, organisational documents, and websites. You should consider the *credibility* of your sources; academic journals are normally highly credible sources while websites require careful consideration/selection and should be used sparingly. Any sources you use should be current and up-to-date, mostly published within the last five years or so, though seminal/important works in the field may be older. You must provide *evidence* of your research/own reading throughout your work, using correctly a suitable referencing system, including in-text citations in the main body of your work and a reference list at the end of your work.

Guidance specific to this assessment:

Knowledge and Understanding Skills
At level 7, you should be able to demonstrate a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of your academic discipline, field of study or area of professional practice, with a comprehensive understanding of techniques applicable to your own research or advanced scholarship. Your work must demonstrate your growing mastery of these concepts, principles, current challenges, innovation and insights associated with the subject area. *Knowledge* relates to the facts, information and skills you have acquired through your learning. You demonstrate your *understanding* by interpreting the meaning of the facts and information (knowledge). This means that you need to select and include in your work the contemporary concepts, techniques, models, theories, etc. appropriate to the task(s) set. You should be able to explain the theories, concepts, etc. meaningfully to show your understanding. Your mark/grade will also depend upon the *extent* to which you demonstrate your knowledge and understanding; ideally each should be complete and detailed, with comprehensive coverage.

Guidance specific to this assessment:

Cognitive and Intellectual Skills
You should be able to: evaluate critically current research and advanced scholarship in the discipline; evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses; deal with complex issues both systematically and creatively to make sound judgements in the absence of complete data. Your work must contain evidence of logical, analytical thinking, evaluation and synthesis. For example, to examine and break information down into parts, make inferences, compile, compare and contrast information. This means not just describing what! But also justifying: Why? How? When? Who? Where? At what cost? At all times, you must provide justification for your arguments and judgements. Evidence that you have reflected upon the ideas of experts within the subject area is crucial to you providing a reasoned and informed debate within your work. Your choice of methodologies to gather data and information must be rigorously defended. Furthermore, you should provide evidence that you are able to make sound judgements and convincing arguments using data and concepts. Sound, valid, persuasive conclusions are necessary and must be derived from the content of your work. Where relevant, alternative solutions and recommendations may be proposed.

Guidance specific to this assessment:

Practical Skills At level 7, you should be able to demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline. This includes acting autonomously in planning and implementing tasks at a professional or equivalent level, originality in tackling and solving problems, and decision-making in complex and unpredictable contexts or situations.

Guidance specific to this assessment:

Transferable Skills for Life and Professional Practice
Your work must provide evidence of the qualities and transferable skills necessary for postgraduate-level employment in circumstances requiring sound judgement, personal responsibility and initiative in complex and unpredictable professional environments. This includes demonstrating: the independent learning ability for continuing professional development to advance existing skills and acquire new competences of a professional nature that will enable you to assume significant responsibility within organisations; that you can initiate and complete tasks, projects and procedures, whether individually and/or collaboratively, to a professional level; that you can use appropriate media to effectively communicate information, arguments and analysis in a variety of forms for a variety of audiences; fluency of expression; clarity and effectiveness in presentation and organisation. Work should be coherent and well-structured in presentation and organisation.

Guidance specific to this assessment:

GENERIC ASSESSMENT CRITERIA

Level 7
In accordance with the Framework for Higher Education Qualifications, at the end of Level 7 students should be able to demonstrate: a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of their academic discipline or area of professional practice; a comprehensive understanding of techniques applicable to their own research or advanced scholarship; originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline; conceptual understanding that enables the student to evaluate critically current research and advanced scholarship in the discipline to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses. They will be able to deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate their conclusions clearly to specialist and non-specialist audiences. They will demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level to continue to advance their knowledge and understanding, and to develop new skills to a high level. They the qualities and transferable skills necessary for employment requiring the exercise of initiative and personal responsibility; decision-making in complex and unpredictable situations/professional environments; and the independent learning ability required for continuing professional development.

Level 7	FAIL	FAIL	MARGINAL FAIL	SATISFACTORY (Pass)	GOOD to VERY GOOD (Merit)	EXCELLENT (Distinction)	EXCEPTIONAL (Distinction)
Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
Engagement with literature (including current research, referencing, academic conventions and academic honesty)	Little or no evidence of reading and/or reliance on inappropriate sources. Views and findings mostly unsupported and non-authoritative. Referencing conventions used incoherently or largely absent.	Poor engagement with essential reading. No evidence of wider reading. Reliance on inappropriate sources, and/or indiscriminate use of sources. Heavily reliant on information gained through class contact. Inconsistent and weak use of referencing.	Engagement with a very limited range of relevant and credible sources. Some omissions and minor errors. Referencing conventions evident though not always applied accurately or consistently.	Engagement with an appropriate range of research-informed literature, including sources retrieved independently. Some over-reliance on texts. Referencing may show minor inaccuracies or inconsistencies.	Engagement with a wide range of research-informed literature, including sources retrieved independently. Selection of relevant and credible sources. Very good use of referencing, with no/very few inaccuracies or inconsistencies.	Engagement with an extensive range of relevant and credible literature, informed by the latest research. Consistently accurate application of referencing.	Exceptional engagement with an extensive range of relevant and credible literature, informed by the latest research. High-level referencing skills consistently and professionally applied.
Knowledge and	Major gaps in knowledge and	Gaps in knowledge, with	Limited knowledge and	Knowledge is accurate and	Knowledge has a well-defined	Excellent mastery of a	Exceptional mastery of a

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understanding (A systematic, conceptual understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of the discipline; a comprehensive understanding of techniques applicable to their own research)	understanding of the subject matter is not systematic. Substantial inaccuracies. No awareness of current problems, insights or the latest research and/or advanced scholarship within the discipline.	only superficial systematic understanding. Some significant inaccuracies and/or irrelevant material. No critical awareness of current problems, insights, or latest research within the discipline.	systematic understanding of the concepts and principles within the subject area, which to some marginal extent, is informed by current research and scholarship. Some critical awareness of current problems and/or new insights, but often under-developed.	reasonably detailed. A systematic understanding of the field of study informed by, to some extent, current research and scholarship, A critical awareness of current problems and/or new insights though this may be under-developed occasionally.	focus, which is reasonably extensive, coherent and detailed, with a critical awareness of current problems and/or new insights. Exhibits good understanding of the breadth and depth of contemporary and established views, and the work is, at least in part, well-informed by current research and scholarship.	complex and specialised area of knowledge. A systematic, excellent understanding of the concepts of the subject informed by current research and scholarship. Highly critical awareness of current problems and/or new insights. A critical, awareness of how the boundaries of knowledge are advanced through research.	complex and specialised area of knowledge. An exceptionally critical awareness of current problems and/or new insights. An outstanding understanding of the concepts of the subject, well-informed by current research and scholarship. A critical, sophisticated and nuanced awareness of how the boundaries of knowledge are advanced through research.
Cognitive and intellectual skills (Critical evaluation of current research and methodologies and develop critiques of them and, where appropriate, to propose new hypotheses; make sound	Wholly or almost wholly descriptive work. Little or no evaluation or critique or attempt at a systematic approach. Failure to develop arguments, leading to illogical or invalid	Largely descriptive work, with superficial use of critical evaluation of research and methodologies. Absent or weak development of hypotheses and judgements. Information accepted uncritically, uses	Limited attempt at critical evaluation/ critique of current research and methodologies, tending towards description. Limited attempt to propose new hypotheses. Can deal with complex issues	Some critical evaluation/ critique of current research and methodologies, though slightly underdeveloped in places, Proposes adequate but limited new hypotheses, where relevant.	Sound critical evaluation/ critique of current research and methodologies, Proposes new hypotheses, where appropriate. Can deal with complex issues systematically and with some	Excellent critical evaluation/ critique of current research and methodologies, Proposes innovative hypotheses, where appropriate. Can synthesise complex issues systematically	Exceptional critical evaluation/ critique of current research and methodologies, Proposes innovative hypotheses, where appropriate. Exemplary systematic and

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judgements in the absence of complete data.)	judgements. Unsubstantiated generalisations, made without use of credible evidence.	generalised statements made with scant evidence and unsubstantiated opinions. Ideas sometimes illogical and contradictory.	but not systematically or creatively. Some evidence to support emerging judgements but these may be underdeveloped or with a little inconsistency / mis-interpretation. May assert rather than argue a case.	Can deal with complex issues but not fully systematically or creatively. Ability to make judgements based on data (that may be incomplete) but with some tendency to assert/state opinion rather than argue on the basis of reason and evidence.	creativity. Ability to make sound judgements based on data (that may be incomplete)	and creatively. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated judgements.	creative synthesis of complex issues. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated, nuanced, judgements. Potential for journal publication or doctoral research.
Practical skills (Originality / creativity in the application of knowledge, tools and techniques and in tackling and solving problems in complex and unpredictable professional situations; practical use of established techniques of research and enquiry to create and interpret knowledge in the discipline.)	Limited or no use of methods, materials, tools and/or techniques. Little or no appreciation of the context of the application. Limited understanding of the application of theory to practice or making appropriate links between the two. Very weak problem-solving skills in complex and	Rudimentary application of methods, materials, tools and/or techniques but without consideration and competence. Flawed appreciation of the context of the application. Weak understanding of the application of theory to practice, with only occasional evidence of	An awareness and mostly appropriate application of well-established methods, materials, tools and/or techniques, with occasional errors. Basic appreciation of the context of the application. Theoretical knowledge and understanding applied in practice, but not always making	An appropriate application of standard methods, materials, tools and/or techniques. Clear appreciation of the context of the application. Mainly consistent, accurate and logical application of theory to practice, making appropriate links between the two.	A very good application of a range of methods, materials, tools and/or techniques. Very good consideration of the context of the application, with perceptive insights. Can identify problems and propose appropriate solutions in complex and unpredictable contexts.	An advanced application of knowledge, methods, materials, tools and/or techniques. The context of the application is well considered, and insightful. Can identify complex problems and propose excellent solutions. An excellent grasp of techniques applicable to own research or	Exceptional application skills in complex, unpredictable, contexts, drawing skilfully on the latest research within the discipline. Can identify complex problems and propose sophisticated, original solutions. An outstanding application of techniques applicable to own research or

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	unpredictable contexts.	making appropriate links between the two. Weak problem-solving skills in complex and unpredictable contexts.	logical links between the two. Can identify problems and propose basic solutions without fully appreciating the complexity of unpredictable contexts.	Can identify problems and propose mostly appropriate solutions in complex and unpredictable contexts, with elements of originality.	Evidence of originality and creativity.	advanced scholarship. Shows originality in application of knowledge and techniques, and of how established techniques of enquiry create and interpret knowledge in the discipline.	advanced scholarship. Shows originality in application of knowledge and techniques, and of how established techniques of enquiry create and interpret knowledge in the discipline with assimilation and development of cutting edge processes and techniques.
Transferable skills for life and professional practice (Exercise of self-direction, autonomy and personal responsibility; plan and implement tasks at a professional level; independent learning; use appropriate media to communicate effectively and professionally to a variety of audiences; fluency of expression; systematic	Communication medium is inappropriate or misapplied. Work is poorly structured, disorganised and/or confusingly expressed. Very weak use of language and/or very inappropriate style. Little or no evidence of autonomy (or collaboration, where relevant) in the completion of tasks. Little or no evidence of	Communication medium is poorly designed and/or not suitable for the audience. Work is poorly presented in a disjointed manner. It is loosely, and at times incoherently, structured, with information and ideas often poorly expressed. Weak use of language and/or inappropriate style. Weak independent	Can communicate in a suitable medium but with some room for improvement. Mostly ordered presentation and structure in which relevant ideas / concepts are reasonably expressed. Work may lack coherence in places. Can work as part of a team, but with limited involvement in group activities.	Can communicate effectively in a suitable format, but may have minor errors. Mostly coherent, organised work, in a suitable structure and is for the most part clearly expressed. Can work effectively independently and/or as part of a team, with clear contribution to group activities. Demonstrates the skills	Can communicate well, confidently and consistently in a suitable format. Work is coherent, fluent, well-structured and organised. Can work very well autonomously and/or as part of a team, with a good contribution to group activities. Demonstrates comprehensive professional, postgraduate	Can communicate professionally confidently and consistently in a suitable format. Work is coherent, very fluent and is presented professionally. Can work autonomously with initiative. Where relevant can work professionally within a team, showing leadership skills as appropriate, managing	Can communicate with an exceptionally high level of professionalism. Work is remarkably coherent, very fluent and is presented professionally. Can work outstandingly well and professionally within a team, showing advanced leadership skills. Demonstrates exemplary

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approach; clarity and effectiveness in presentation and organisation.)	the skills required in professional, postgraduate employment.	initiative (or collaboration, if relevant). Limited evidence of the skills required in professional, postgraduate employment.	Demonstrates some but not all of the basic skills required in professional, postgraduate employment, with some areas of minor weakness.	required in professional, postgraduate employment, with some areas of strength and some of minor weakness.	employment skills.	conflict and meeting obligations. Demonstrates excellent professional, postgraduate employment skills and a strong appetite for further development.	professional, postgraduate employment skills and a strong appetite for further development.

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