

H7BAD: Business Application Development

Module Code:	H7BAD
Long Title	Business Application Development APPROVED
Title	Business Application Development
Module Level:	LEVEL 7
EQF Level:	6
EHEA Level:	First Cycle
Credits:	10
Module Coordinator:	ORLA LAHART
Module Author:	Lisa Murphy
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
#	Learning Outcome Description
LO1	Develop and market a software application of substance that is required by a real-world client/business/charity in the domain area of the programme. The development process should involve all phases of the software development life cycle.
LO2	Design and document a business plan
LO3	Perform project planning and time management activities to a high project management standard in order to meet strict project deadlines
LO4	Work as part of a team to develop and enhance interpersonal communication skills and present your project both written and orally
Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	

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Module Content & Assessment			
Indicative Content			
Project specification A practical development project is undertaken which shows students how Business and IT managers approach some of today's most widespread technology issues and challenges. While faculty members may suggest topics, the project specification is decided by the student in consultation with the lecturer.			
Project lifecycle Students follow the typical development lifecycle to produce a software application of substance that may be commercialised. Students are assigned for different stages of the application lifecycle.			
Project management Students must identify and assign roles within the team regarding different roles such as market analyst, project manager, software developer, tester, marketing manager and sales representative for selling the developed product. Project planning and time management activities to a high project management standard are required in order to meet strict project deadlines.			
Project Milestones Initial market analysis; Project Proposal; Requirements Specification; mid semester Prototype presentation; Final software product, Technical Report; Business plan; Final Presentation and demo.			
In-class activities Early in the Semester students attend classes/consultations/seminars, on the development method/language/tools they have chosen for the project and also work on the initial market analysis, project proposal and project design during this time. Students produce a project plan with milestones as appropriate. Throughout the semester, students work under the direction of the lecturer. They have regular meetings to discuss the technical aspects of the development and implementation process and make regular presentations/demo to lecturer and classmates. The project presentation at the end of the semester involves student teams giving a demonstration and explanation of the working of the project. The students' work is assessed throughout the semester on the basis of the approach taken to solving the problem, the students' ability to communicate project ideas, and the system specification and implementation.			
Assessment Breakdown			%
Coursework			100.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	Project (0050)	% of total:	100
Assessment Date:	n/a	Outcome addressed:	1,2,3,4
Non-Marked:	No		
Assessment Description: A practical development project is undertaken which shows students how Business and IT managers approach some of today's widespread technology issues & challenges. Students follow the typical development lifecycle to produce a software application of substance that may be commercialised. Students produce a project plan with milestones as appropriate. The project presentation at the end of the semester involves student teams giving a demonstration & explanation of the working of the project. The students work is assessed throughout the semester on the basis of the approach taken to solving the problem, the students' ability to communicate project ideas, and the system specification.			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
Repeat the module <i>The assessment of this module is inextricably linked to the delivery. The student must reattend the module in its entirety in order to be reassessed.</i>			

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Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Full Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	No Description	4	Every Week	4.00
Tutorial	No Description	2	Every Week	2.00
Independent Learning Time	No Description	15	Once per semester	1.25
Total Weekly Contact Hours				6.00
Workload: Part Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	No Description	4	Every Week	4.00
Tutorial	No Description	2	Every Week	2.00
Independent Learning Time	No Description	178	Once per semester	14.83
Total Weekly Contact Hours				6.00

Module Resources	
<i>This module does not have any book resources</i>	
<i>This module does not have any article/paper resources</i>	
<i>This module does not have any other resources</i>	
Discussion Note:	