PROJ: Project (Software Development)

Module Title:	Project (Software Development)
Language of Instruction:	English

Credits:	10

NFQ Level:	6

Module Delivered In	3 programme(s)

Teaching & Learning Strategies:	Students work on in teams of four to a detailed specification for some common type of business. The tutor assigned to the team provides the specification. The team develops a web based dynamic database system. They produce a database design, user interface and code. Detailed standards, guidelines and deadlines are published and strictly enforced. The deliverables are the database design, the user interface design and the code.

Module Aim:	To provide the learner with the experience of working in a small team to produce a web application with database integration for a common type of business.

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Engage, communicate and collaborate with other students as part of a small team.
LO2	Understand the importance of time management skills when working to a deadline.
LO3	Appreciate the importance of advance planning as it relates to project management.
LO4	Produce fully tested, working code.
LO5	Produce high quality project documentation to the required specification and format.
LO6	Present and discuss their work confidently in a demonstration setting.

Pre-requisite learning		
Module Recommendations *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*		
No recommendations listed		
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*		
No incompatible modules listed		
Co-requisite Modules		
8591	PROG	Web Programming and Databases 2
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*		
No requirements listed		

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Module Content & Assessment

Indicative Content
Content Project draws on material delivered in the Web Programming and Databases modules. There is no additional content.

Assessment Breakdown	%
Project	100.00%

No Continuous Assessment

Project				
Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Project	Database Design	1,2,3,5	10.00	Week 3
Project	User interface Design	1,2,3,5	20.00	Week 6
Project	Project Demonstration and interview with each student	1,2,3,4,5,6	70.00	Week 11

No Practical

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

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Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Project	12 Weeks per Stage	1.00
Project	12 Weeks per Stage	1.00
Project	12 Weeks per Stage	3.00
Independent Learning	15 Weeks per Stage	12.67
	Total Hours	250.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_KCSOF_B	Bachelor of Science (Honours) in Software Development	4	Mandatory
CW_KCSOF_D	Bachelor of Science in Software Development	4	Mandatory
CW_KCCOM_C	Higher Certificate in Science in Computing Programming	4	Mandatory