Module Code	CS2041
Module Name	Information Management I
ECTS Weighting[1]	5 ECTS
Semester taught	Semester 1
Module Coordinator/s	Gaye Stephens

Module Learning Outcomes	On successful completion of this module, students will be able to: LO1. Describe and use UML for information modeling LO2. Describe and use XML techniques for data modeling and querying LO3. Describe techniques for exposing and retrieving information on the web semantic web/linked data approaches
Module Content	This module focuses on the methods and techniques for efficient management (modelling, manipulation and retrieval) of data and information. It provides a foundation for later modules in database management and advanced information management.
Teaching and Learning Methods	Lectures, laboratories, tutorials. The laboratory and tutorials will involve group work. The students will present their work as part of their continuous assessment.

Assessment Details[2]

Assessment Component	Brief Description	Learning Outcomes Addressed	% of total	Week set	Week due
Examination	1.5 hour written examination	LO1, LO2, LO3	80%	n/a	n/a
Continuous Assesment	substantial group project spanning the module	LO1, LO2	20%	2	Various Deadlines

Reassessment Details	In the supplemental examinations, assessment is by written examination(1.5 Hour) only, which contributes 100% of the overall mark.

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[1] TEP Glossary
[2] TEP Guidelines on Workload and Assessment

Contact Hours and Indicative Student Workload	Contact Hours (scheduled hours per student over full module), broken down by:	44 hours
	lecture	22 hours
	laboratory	11 hours
	tutorial or seminar	11 hours
	other	0 hours
	Independent study (outside scheduled contact hours), broken down by:	72 hours
	preparation for classes and review of material (including preparation for examination, if applicable)	36 hours
	completion of assessments (including examination, if applicable)	36 hours
	Total Hours	116 hours

Recommended Reading List	None required, although students are encouraged to use appropriate resources and reference documentation online
Module Pre-requisites	Programming Language such as Java or C
Module Co-requisites	
Module Website	https://www.scss.tcd.ie/CourseModules/CS2041/
Last Update	01/09/2019 by Gaye Stephens