Individual Project for Year 3 BSc (COMP0029)

Description
Aims:
To give students the experience of undertaking and completing a substantial piece of individual project work, applying knowledge learned throughout the degree programme, including the skills of research, analysis, design, implementation, testing and evaluation. To document the results to a good academic standard via a written report.

Learning outcomes:
On successful completion of the module, a student will be able to:
1. work individually to undertake a major project;
2. plan and coordinate the project activities to meet the deadlines;
3. make realistic work commitments;
4. write a substantial report to document the project results;
5. demonstrate good problem solving and evaluation skills;

Content:
- There is no set syllabus. Students identify their chosen project topic and find a member of the academic staff who will act as the project supervisor.
- The project begins in October and runs in parallel with normal teaching during terms 1 and 2. The submission deadline is early in term 3.
- Students are responsible for organising and carrying out their project, and are expected to attend weekly tutorials with their supervisor during term time. Tutorials allow the supervisor to monitor the progress of the project, providing advice and feedback as necessary.
- There are two formative milestones, (i) the Project Plan submitted in mid-November, outlining the project aims and objectives, providing a work plan, and confirming that the project has started successfully, and (ii) the Interim Report submitted in late January outlining what has been achieved so far and what it is required to complete the project. These documents are prepared with advice from the supervisor and must be approved by the supervisor to confirm the

Assessment

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Project is proceeding properly.
- The project has a 30 credit value, and represents one quarter of the student's final year work.

Project Goals:
A BSc project is expected to have a reasonable level of challenge and depth, and may include research-oriented goals as well as the practical application of Computer Science ideas and concepts.

Project Report:
- The final report documents the results of the project, and is expected to be a substantial, well-written, and properly structured document. Obtaining a higher module mark depends on submitting a good quality report, as well as successfully undertaking the project work. The project guidelines available on Moodle give detailed information about the required content.
- As every student undertakes a distinct project, there is no indicative reading list available. The student is expected to locate relevant information sources themselves with advice from their supervisor.

Requisites:
In order to be eligible to select this module, a student must be registered on a programme for which it is formally available AND have passed Years 1 and 2 of BSc Computer Science.