



MEng UG Year 4

DEPARTMENT OF COMPUTER SCIENCE

Group Project (Integrated Masters) (GPIG)

Open Group Assessment 3 (Group Presentation)

Issued: Monday, 4th May, 2015

Presentation: Wednesday, 3rd June, 2015

Oral Feedback and marks provided: Wednesday, 3rd June, 2015

Each team** should prepare a presentation to be delivered on Wednesday 3rd June 2015 (from 10:30am). Teams should submit their presentation slides (ppt or pdf) by 09:00am on Wednesday 3rd June 2015 using the electronic submission system:

<http://www.cs.york.ac.uk/student/assessment/submit/>

Team lists and Presentation schedule are on the module webpage: <http://www-module.cs.york.ac.uk/gpig/> - if you cannot see your name please email: john.mcdermid@york.ac.uk immediately.

Your attention is drawn to the Guidelines on Mutual Assistance and Collaboration in the Departmental Statement on Assessment:

<http://www.cs.york.ac.uk/student/assessment/policies/#AcademicMisconduct>

As this is a team assessment, you may freely assist and collaborate with other members of your team.

Feedback and Marks: Oral feedback and grades will be provided at the end of the presentation session. The marks will also appear in e:Vision within three working days of the presentation.

Assessment Queries: Any queries on this assessment should be addressed to john.mcdermid@york.ac.uk Answers that apply to all students will be posted on the GPIG webpage.

Rubric

The Group Presentation is worth 15% of the GPIG module mark. The context of the Presentation is given directly below – the content required for the presentation is given on following page.

The presentation planned should be no more than 30 minutes with up 15 minutes for Q&As and Feedback.

The marking scheme for the assessment is at the end of the document following the content required for presentation.

Context of the Presentation

The presentation is one of the key, final outputs from the GPIG team project. The project is an open-ended activity, intended to identify, prototype, demonstrate and test (in order to validate) a novel product for one of the Customer's business domains. In broad terms, the project aims is as follows:

Identify, prototype and demonstrate a Geographical Information System (GIS) product for one of the Customer's domains. These domains include: Transport - Rail, Road, Military – Command and Control (C2) in Land, Sea, and Air, Autonomy, Communications including to naval vessels, etc. The approach is to be carried out using the Customer's 9-step Product Line Engineering (PLE) process. The project should be undertaken using the Boundless toolset (<http://boundlessgeo.com/>).

1. Content of the Presentation

The presentation should identify and demonstrate what the team has developed, explain the proposed market for the product, and explain key decisions. The presentation should be aimed at convincing the customer why they should invest in the prototype to produce a commercial product. More specifically, the presentation should explain and illustrate, within the time available:

- I. The market for the product, and how the team believes they will obtain market penetration (what are the key aspects of the product that make it saleable)
- II. The core technical capabilities provided, and the maturity of the current prototype
- III. What needs to be done to develop the prototype to an initially saleable product
- IV. How user feedback will be obtained to inform development of the product
- V. How the PLE concepts have been used

The presentation must include at **least one demonstration**.

Marking Scheme

Marks will be awarded under five headings, as follows:

1. **Technical Explanation (20%)**: How convincingly did the team set out the technical aspects of their product, how it works, the issues that need to be addressed in further development, etc.? How clear was the explanation of the product architecture? How well did the team explain the maturity of the prototype?
2. **Market Explanation (20%)**: How clearly did the team articulate the market potential of the product? How well did the team identify the steps that needed to be undertaken to produce an initially saleable product?
3. **Demonstration (30%)**: Was the demonstration well chosen? How well did it illustrate the key features of the prototype? Did it work convincingly?
4. **Product Line Engineering (10%)**: Has the team demonstrated an understanding of the PLE process, and used this to guide the product architecture, planning, etc.?
5. **Presentation (20%)**: How good were the visual aids? How clearly did the team explain what they had done, and what they were demonstrating? How well was the presentation and demonstration structured?

Normally the mark awarded to a team will also be the mark awarded to each member of that team. However, the Board of Examiners may approve an uneven distribution of marks to team members if there is evidence of an uneven contribution of effort by them.