

# CO3015/CO3016/CO3120

## Regular Project Marking Guidelines for Students

This document must be read in conjunction with the relevant module Study Guide. For each deliverable, it outlines a core (but not exhaustive) list of LO (learning outcomes) and marking criteria.

### Prototype Demonstration (Weighting: 3%)

Student should demonstrate the following LOs:

- state project aims and objectives clearly; give a **brief** over view of system design / architecture; MARKS AWARDED FOR BEING CLEAR AND PRECISE, IDEALLY YOU SHOULD JUSTIFY/DEFEND YOUR ARCHITECTURE.
- explain prototype functionality by demonstrating the software and giving a verbal explanation, displaying the code if requested; MARKS AWARDED FOR CLEARLY DEMONSTRATING FUNCTIONALITIES, INCLUDING CHALLENGES (WHERE AT LEAST PROOF OF CONCEPT SHOULD BE SHOWN). AIM TO CRITICALLY EXPLAIN/DEFEND YOUR PROTOTYPE, AND REFER TO BACKGROUND THEORY AS APPROPRIATE.
- answer questions throughout the demonstration; MARKS AWARDED FOR ACCURATE ANSWERS WITH GOOD EXPLANATIONS.
- communicate clearly and concisely. MARKS AWARDED ACCORDINGLY.

### Interim Report (Weighting: 7%)

Students should demonstrate the following LOs:

- introduce the project, stating project aims and objectives clearly; MARKS AWARDED FOR CLARITY – A WELL ORGANISED AND DETAILED INTRODUCTION
- survey relevant literature/information sources; EITHER A SECTION DISCUSSING IMPORTANT SOURCES, OR DISCUSSIONS THROUGHOUT THE REPORT.
- briefly describe the prototype; MARKS AWARDED FOR A CLEAR BUT CONCISE DESCRIPTION OF THE PROTOTYPE, ESPECIALLY FUNCTIONALITY.
- describe and justify your software architecture, algorithms and data structures; MARKS AWARDED FOR LUCID, CLEAR AND DETAILED DESCRIPTIONS OF AN APPROPRIATE ARCHITECTURE WITH RELEVANT ALGORITHMS AND DATA-STRUCTURES (OR OTHER SUITABLE TOOLS FOR SPECIFICATION/DESIGN). EXPLAIN/CRITIQUE YOUR WORK.
- provide updated plans and time-scales; MARKS AWARDED FOR A DETAILED AND ROBUST PLAN THAT SHOULD INCLUDE OPTIONAL TASKS AND
- include a bibliography with citations throughout the report; MARKS AWARDED FOR A DETAILED (BUT RELEVANT) BIBLIOGRAPHY AND CITATIONS THROUGHOUT THE REPORT.

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## Entrepreneurial Project Marking Guidelines for Students

**This document must be read in conjunction with the relevant module Study Guide. For each deliverable, it outlines a core (but not exhaustive) list of LO (learning outcomes) and marking criteria.**

### Prototype Demonstration (Weighting: 3%)

Student should demonstrate the following LOs:

- state project aims and objectives clearly; give a **brief** over view of system design / architecture; MARKS AWARDED FOR BEING CLEAR AND PRECISE, IDEALLY YOU SHOULD JUSTIFY/DEFEND YOUR ARCHITECTURE.
- motivate by customers' needs and explain prototype functionality by demonstrating the software and giving a verbal explanation, displaying the code if requested; MARKS AWARDED FOR CLEARLY DEMONSTRATING FUNCTIONALITIES, INCLUDING CHALLENGES (WHERE AT LEAST PROOF OF CONCEPT SHOULD BE SHOWN). AIM TO CRITICALLY EXPLAIN/DEFEND YOUR PROTOTYPE, AND REFER TO BACKGROUND THEORY AS APPROPRIATE.
- answer questions throughout the demonstration; MARKS AWARDED FOR ACCURATE ANSWERS WITH GOOD EXPLANATIONS.
- communicate clearly and concisely. MARKS AWARDED ACCORDINGLY.

### Interim Report (Weighting: 7%)

Students should demonstrate the following LOs:

- introduce the project, stating project aims and objectives clearly; MARKS AWARDED FOR CLARITY – A WELL ORGANISED AND DETAILED INTRODUCTION
- survey relevant literature/information sources; EITHER A SECTION DISCUSSING IMPORTANT SOURCES, OR DISCUSSIONS THROUGHOUT THE REPORT.
- describe your business plan outlining your UVP, customers base, market analysis, and revenue model. MARKS AWARDED FOR CLARITY, CONCISENESS, AND EVIDENCE OF WORK CARRIED OUT SO FAR.
- briefly describe the prototype; MARKS AWARDED FOR A CLEAR BUT CONCISE DESCRIPTION OF THE PROTOTYPE, ESPECIALLY FUNCTIONALITY.
- describe and justify your software architecture, algorithms and data structures; MARKS AWARDED FOR LUCID, CLEAR AND DETAILED DESCRIPTIONS OF AN APPROPRIATE ARCHITECTURE WITH RELEVANT ALGORITHMS AND DATA-STRUCTURES (OR OTHER SUITABLE TOOLS FOR SPECIFICATION/DESIGN). EXPLAIN/CRITIQUE YOUR WORK.
- provide updated plans and time-scales; MARKS AWARDED FOR A DETAILED AND ROBUST PLAN THAT SHOULD INCLUDE OPTIONAL TASKS AND
- include a bibliography with citations throughout the report; MARKS AWARDED FOR A DETAILED (BUT RELEVANT) BIBLIOGRAPHY AND CITATIONS THROUGHOUT THE REPORT.