

# MODULAR PROGRAMME

# COURSEWORK ASSESSMENT SPECIFICATION

## Module Details

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| Module Code UFCF85-30-3 | Run 16SEP/1 | Module Title  Enterprise Systems Development |
| Module Leader  Chris Simons | Module Coordinator | Module Tutors Chris Simons, Mehmet Aydin, Julia Dawson |
| Component and Element Number  B2 | | Weighting: (% of the Module's assessment)  25% |
| Element Description Coursework Assignment | | Total Assignment time |

## Dates

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| --- | --- |
| Date Issued to Students  9 March 2017 | Date to be Returned to Students  18 May 2017 |
| Submission Place  Blackboard | Submission Date  6 April 2017 |
| Submission Time 14:00hrs (GMT) |

## Deliverables

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| One written essay. Please submit electronic copy e.g. Microsoft Word. |

## Module Leader Signature

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**Enterprise Systems Development (UFCF85-30-3)**

**Individual Coursework Assignment**

**Description**

For guidance, you are reminded that the learning outcome of the module being assessed in this coursework assignment is:

* *“Understand the need for developmental frameworks for developing enterprise systems. (A, B)”*

As part of the practical sessions for this module in the second semester, you will have selected a modelling framework tool to capture the various outputs of architectural and pattern-based development activities across a lifecycle representative of enterprise systems development.

Your task for this assignment is to provide a **critical review** of the performance of the modelling framework tool you selected by means of an essay. (As discussed in classes, a critical review arrives at an overall value judgement by means of evaluation based on various quantitative and qualitative criteria. Essays that simply *describe* rather than *critically review* are unlikely to achieve high marks.)

As a guide, you should aim for 1000 words excluding references. Appropriate to a level 3 critical review, you should locate and draw on credible, relevant and useful sources to support the arguments you put forward. While it’s difficult to precisely specify the number of research and technical articles required for this essay, as a guide, you should aim to review approximately 10 sources. Please follow Harvard style for citation of your sources and your bibliography.

The presentational quality of the coursework assignment report is important. This includes page formatting e.g. suitable presentation of text, technical diagrams and figures, the use of page numbers, etc. Presentation of the essay should be as follows:

* A4 paper size
* Font size 12
* Student number on each page (as a header)
* Page number (footer)

Please remember that the grammar, spelling and literary style of your writing are important; they should be consistent with, and reflect the style and approach of, high quality technical reports and research papers in the enterprise systems development literature. If you do not pay attention to these aspects, you may fail to communicate your intentions accurately or effectively.

## Marking Guidelines

### *0 – 30%*

Lack of understanding of modelling framework selected. Failure to convey contribution, significance or any issues relating to the modelling framework. No citations to evidence of performance and relevant sources, and no critical appraisal. The conclusion is either missing, or offers neither conclusions nor insight.

*30 – 40%*

Poor understanding of modelling framework selected. Unclear description of the contribution, significance or problematic issues relating to the modelling framework. Some citations are present but (i) fail to follow Harvard citation, or (ii) are too few, and/or (iii) of insufficient relevance or quality. There is little or no critical appraisal. The conclusion is limited in scope and insight.

### *40 – 50%*

Some limited understanding of modelling framework. Limited description of performance, significance and problematic issues relating to the emerging topic with insufficient citation. Limited critical appraisal, and poor conclusion revealing a bare minimum insight into the performance and significance of modelling framework.

### *50- 59%*

Straightforward explanation of modelling framework but barely sufficient breadth and depth of review. Sufficient description of performance, significance and problematic issues relating to the modelling with some relevant citation. Despite some critical appraisal in places, straightforward conclusions reveal some insight into the performance and contribution of the modelling framework.

### *60 – 69%*

Some interesting interpretation of evaluative criteria of performance but lacks wider exploration or clarity of analysis of the modelling framework. Good description of strengths and significance, together with any problematic issues relating with the modelling framework with relevant citation. Some good critical appraisal. Supported by demonstrable evidence, mostly rational conclusions reveal good insights into the performance and contribution of the modelling framework.

### *70% +*

Insightful and coherent essay on chosen modelling framework exhibiting very good breadth and depth of review. Clear, precise and insightful review of performance and significance of modelling framework according to accurately specified evaluative criteria, together with reasoned statement of any drawbacks, all backed up by plentiful and relevant evidence and citation. Excellent critical appraisal followed by conclusions that comprehensively reveal the complete picture relating to the performance and contribution of the chosen modelling framework.

**Suggested structure of essay, section by section**

I INTRODUCTION

<< In this section, state the purpose and scope of the critical review, and include a little background on the choice of enterprise systems modelling framework >>

2 EVALUATION CRITERIA

<< In this section, explain and specify the evaluation criteria to be applied to the chosen modelling framework >>

3 EVIDENCE – EXAMPLE ILLUSTRATIONS

<< In this section, provide evidence of modelling framework performance in enterprise systems modelling. For example, provide example illustrations of enterprise systems models such as:

* Requirements models (use cases, user stories)
* Requirements specifications
* Business <<type>> models
* Interface and service models
* Component sequence diagrams
* Architectural models (both service and component based)

For each example model, apply evaluation criteria where appropriate >>

4 CONCLUSIONS

<< Draw upon the evidence presented in the previous section, together with any relevant and useful sources, to derive conclusion(s) >>

REFERENCES

<< List references using Harvard style >>

**Marker’s Feedback and Comments**

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| **MARK** |

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| Aspects that were well done: |

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| Aspects that were weak, incorrect or missing: |

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| Pointers for improvement**:** |

**STUDENT REFLECTION:**

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| **I want to improve in the following areas:** |

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| **I will seek to improve in these areas by:** |