

## BE(SE) Final Year Assessment 2007

### Version Information

<i>Date</i>	<i>Author</i>	<i>Version</i>	<i>Comments</i>
14/08/03	Rachel Cardell-Oliver	0.1	Initial version
21/08/03	David Glance	0.11	Revision to include outcomes
1/9/03	David Glance	0.12	Further revision on feedback from R.A. Owens
8/9/03	David Glance	0.13	Further revision on feedback from Chris McDonald
20/10/04	Luigi Barone	0.2	Restructured

### NOTES FOR EXAMINERS:

1. Remember that assessments should be made with reference to what can reasonably be expected from a candidate who has successfully completed a 12 point (300 hour) project for this degree scheme.
2. In order to qualify for honours, a final year project must demonstrate research outcomes. A project which consists *entirely* of a software application with no research outcomes (Outcomes section 1 and 2 in BE(SE) Final Year Project Guidelines) demonstrated will only ever achieve a passing grade.
3. Note that your comments written on these marking criteria will **not** be returned to the student. You must also write a marker's report that will be given to the student.

# 1. The Report

In this section you should provide an assessment of the REPORT, rather than the work it presents.

## 1.1 Quality of The Report

- Is the report clearly organised into the following sections:
  - introduction, including a literature review with proper citation and referencing of bibliographic sources. [Outcome 1.1.1]
  - methods. [Outcome 1.1.2]
  - results. [Outcome 1.1.3]
  - conclusions. [Outcome 1.1.4]
  - bibliography. [Outcome 1.1.5]
  - appendices. [Outcome 1.1.6]
- Is the presentation of the report of an appropriately professional standard. [Outcome 1.0]
- Is it written in clear grammatical and correctly spelled English . [Outcome 1.2]
- Has effective use been made of document preparation tools to produce a report that can be read easily? [Outcome 1.3]
- Is appropriate use made of figures and tables to aid the reader in understanding the work undertaken? [Outcome 1.4]
- Is appropriate use made of appendices to present supplementary material (including the source code)? [Outcome 1.5]

<i>Possible Marks</i>	<i>Description</i>
0 – 7	Fail
8	Pass
9	2:B
10	2:A
11 – 15	1

Mark: \_\_\_\_\_

Comments:

## 2. Research Project

In this section you should provide an assessment of WORK DESCRIBED in the report, rather than the report itself.

### 2.1 Research Project

For the purposes of marking, the report is split into three sections. The first comprises the introduction and literature review. The second the experimental design and execution and the third the analysis and conclusion.

Does the project demonstrate the ability to take a research problem and conduct a scientific investigation of that problem [outcome 3.0] which includes the following:

#### 2.1.1 Introduction and Literature Review

Does the project demonstrate:

- clear understanding and ability to state the problem being investigated. [Outcome 2.1]
- an adequate exploration of the history, context and current status with regard to solving the problem [Outcome 2.2]
- Was the project appropriately grounded in previous work in the area with due consideration of relevant research literature?

<i>Possible Marks</i>	<i>Description</i>
0 – 9	Fail
10 – 11	Pass
12 – 13	2:B
14 – 15	2:A
16 – 20	1

**Mark:** \_\_\_\_\_

**Comments:**

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2.1.2 Experimental Design and Execution

Does the project demonstrate:

- the ability to design and construct a set of experiments that test the hypothesis. [Outcome 2.3]
  - Were the experiments well designed?
  - Were the objectives well formulated?
  - Were the methods adopted appropriate and adequate to these objectives?
- the ability to conduct the experiments and collect data. [Outcome 2.4]
- If the project included a software application, did the student demonstrate the use of sound Software Engineering principles? [Outcome 4.0]

<i>Possible Marks</i>	<i>Description</i>
0 – 9	Fail
10 – 11	Pass
12 – 13	2:B
14 – 15	2:A
16 – 20	1

**Mark:** \_\_\_\_\_

**Comments:**

2.1.3 Analysis and Conclusions

Does the project demonstrate:

- the ability to analyse and present the data collected from the experiments including the use of statistical and other methods of analysis? [Outcome 3.5]
- the ability to draw conclusions from the experimental data and to be able to apply them in the context of resolving the truth of the initial hypothesis? [Outcome 3.6]
  - Were appropriate conclusions drawn from the investigation?
  - Were any conclusions drawn justified by the work undertaken?
  - Were unresolved issues identified and suggestions made as to how they might be addressed?

<i>Possible Marks</i>	<i>Description</i>
0 – 9	Fail
10 – 11	Pass
12 – 13	2:B
14 – 15	2:A
16 – 20	1

**Mark:** \_\_\_\_\_

**Comments:**

**2.2 Quantity and Level of the Investigation**

- Was the work undertaken at an honours level and appropriate to the degree scheme?
- Did the work undertaken go beyond the taught course syllabus?
- Did the project involve an element of original thought or investigation?
- Does the amount of work undertaken constitute 12 points (240 hours) work for a competent final year student?
- Was the project particularly demanding or particularly simple?
- Did the project present unanticipated difficulties that limited what could be achieved?

<i>Possible Marks</i>	<i>Description</i>
0 - 4	Fail
5	Pass
6	2:B
7	2:A
8 - 10	1

**Mark:** \_\_\_\_\_

**Comments:**

### 3. Total Marks

<i>Possible Marks</i>	<i>Description</i>	<i>Mark</i>
15	Report Quality	
20	Project Introduction & Literature Review	
20	Project Experimental Design and Execution	
20	Project Analysis and Conclusions	
10	Research Quantity and Level of Investigation	
	<b>Total (out of 85):</b>	