FACULTY OF SCIENCE & TECHNOLOGY

BSc (Hons) Forensic Computing & Security

[Month Year]

[Dissertation Title]

by

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Department of Computing and Informatics

Final Year Project

Abstract

[The text within the square brackets must be deleted along with the square brackets when finalising your own abstract.

The abstract for an undergraduate dissertation should be between 200 - 350 words.

Arial, Normal, 11pt with 1.2 or 1.5 line spacing should be used. The text in this part has 1.5 line spacing.

An abstract is a brief, accurate and comprehensive summary of the entire dissertation. It is the first thing to be read by your examiners to help them know the brief content of the dissertation. It also serves as a "sales pitch" to form the first impression of your work.

A good abstract should be accurate, self-contained, concise, specific and clear. A quick way to assess the quality of your abstract is to check whether it answers the questions why, how, what and so what.

It is easier to write the Abstract the last.]

Dissertation Declaration

I agree that, should the University wish to retain it for reference purposes, a copy of my dissertation may be held by Bournemouth University normally for a period of 3 academic years. I understand that once the retention period has expired my dissertation will be destroyed.

Confidentiality

I confirm that this dissertation does not contain information of a commercial or confidential nature or include personal information other than that which would normally be in the public domain unless the relevant permissions have been obtained. In particular any information which identifies a particular individual's religious or political beliefs, information relating to their health, ethnicity, criminal history or sex life has been anonymised unless permission has been granted for its publication from the person to whom it relates.

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I agree that this dissertation may be made available as the result of a request for information under the Freedom of Information Act.

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Name:

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Original Work Declaration

This dissertation and the project that it is based on are my own work, except where stated, in accordance with University regulations.

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Name:

Date:

Acknowledgements

[The text within the square brackets must be deleted along with the square brackets when finalising your own acknowledgements.

Arial, Normal, 11pt with 1.2 or 1.5 line spacing should be used. The text in this part has 1.5 line spacing.

This is your opportunity to mention individuals who have been particularly helpful. Reading the acknowledgements in the past dissertations in the project library will give you an idea of the ways in which different kinds of help have been appreciated and mentioned.]

Contents

List of Figures

List of Tables

1 Introduction

Don't forget references like these: (Ubuntu 2012).

1.1 BU Template

The text within the square brackets must be deleted along with the square brackets when finalising your chapters.

This is only a guidance template. Depending on the nature of your project, the structure of your dissertation is open to discussion. Please check with your supervisor if you are not sure.

Arial, Normal, 11pt with 1.2 or 1.5 line spacing should be used in the main body. The text in this part has 1.5 line spacing.

Figures must be correctly numbered with captions and paragraph text should not be wrapped around figures - same rules apply to tables. An example of figures can be found below. The Introduction chapter should cover the following using Heading 2 style:

- Background and context (e.g., who is your client, what is the problem, why this needs to be solved (impact), what does your client want you to do)

- Proposed solution (e.g., what is proposed in order to solve the problem) – note you should not include too much technical details, you should tell what the client is expecting from you

- Aims and objectives – note the SMART for objectives

- Success criteria – for each objective

- Risk analysis – a summary table must be provided with all risks and solutions.

- Overview of dissertation/Remaining chapters]

Figure 1.1: Bournemouth University

2   Background Study

2.1   Template Text

Figures must be correctly numbered with captions and paragraph text should not be wrapped around figures - same rules apply to tables. An example of figures can be found below. You should always start with an overview (Heading 2 style) to tell what this chapter is about and finish with a summary (Heading 2 style) to tell what has been covered in this chapter.

The Background Study (Research) or State of Art chapter is to provide your readers with information that they cannot be expected to know in detail but which they will need to know in order to fully understand and appreciate the rest of the dissertation. In short, it describes the research you have done in order to prepare for the project. You should use this section to demonstrate how much you really understand the problem domain in terms of previous (related) literature and existing solutions. For example, if your project is about developing a bespoke online CRM system for a client, this section is expected to answer the following questions:

1. What is CRM (Customer Relationship Management)?

2. What are the characteristics of CRM?

3. What are the main types/models of CRM?

4. How CRM is usually implemented and what should be considered in the implementation?

5. Are there any existing solutions and what are their advantages and limitations?

2.1.1   Literature Review

Note Literature Review is not often used as the title of this chapter even if your project is research based

Figure 2.1: Bournemouth University

3 Methodology

Figures must be correctly numbered with captions and paragraph text should not be wrapped around figures - same rules apply to tables. An example of figures can be found below. You should always start with an overview (Heading 2 style) to tell what this chapter is about and finish with a summary (Heading 2 style) to tell what has been covered in this chapter.

This chapter is about discussing your project planning and methodology. Note that your chosen methodology should be based on the constraints and complexity of your project instead of some common senses with no link to your own project.]

Figure 3.1: Bournemouth University

4 Requirements And Analysis

You should always start with an overview (Heading 2 style) to tell what this chapter is about and finish with a summary (Heading 2 style) to tell what has been covered in this chapter.

The purpose of this chapter is to elicit the requirements in a more detailed way. The analysis should break the problem down into manageable steps (specifications). There may be more than one suitable approach for the requirements analysis (e.g., interviews, focus groups, MoSCoW method etc.). It is also important that you state how you will evaluate your work]

5   Design and Implementation

You should always start with an overview (Heading 2 style) to tell what this chapter is about and finish with a summary (Heading 2 style) to tell what has been covered in this chapter.

The Design and Implementation chapter should explain the design technique chosen and justify why it is appropriate, depending on the development methodology. Suitable diagram-techniques (e.g. UML, other drawings) should be used where appropriate. For the Implementation part, it should talk about the technical realisation of the concepts and ideas developed earlier. It is used to describe the system at a finer level of technical details, down to the code level. However, do not attempt to describe all the code in the system, and do not include large pieces of code in this section.

You should highlight the pieces of code which are critical to the system or worth to be noted. For example, the creation and/or implementation of core algorithms that make the system functional or some methods/ways you have used which are non-standard or innovative in the system implementation. You should also mention any unforeseen problems you encountered when implementing the system and how and to what extend you overcame them.

Appropriate testing must also be included in this section

6 Conclusion

The Conclusions chapter marks the end of the project report and it is a summary which brings together many of the points that you have made in other chapters, especially in the previous chapter. It is usually 2 – 3 pages long with three sections:

1. Summary: summarise what you have achieved and restate the main results

2. Evaluation: evaluate what you have achieved and how well you have met the objectives

3. Future work: explain any limitations and how things might be improved.]

[Word count should be included at the end of the last section. Please look at section 5.2 and 5.3 of the Project Handbook for word count policy.]

Word count (main body of the report):

Word count (artefact):

Bibliography

Faily, S. and Fléchais, I., 2011. Eliciting usable security requirements with misusability cases. *Requirements Engineering Conference (RE), 2011 19th IEEE International*, IEEE, 339–340.

Haley, C. B., Laney, R., Moffett, J. D. and Nuseibeh, B., 2008. Security requirements engineering: A framework for representation and analysis. *IEEE Transactions on Software Engineering*, 34 (1), 133–153.

Ubuntu, 2012. Ubuntu security. Available From: https://help.ubuntu.com/community/Security [Accessed: 2015-05-01].

Appendix A - Ethics Checklist

Appendix B - GANT Chart