Type your name here

Supervisor: **Insert Supervisor name**

Due 24th April 2023

Insert your title here

URL: **Insert your web address here (if applicable)**

Word count: **Insert number**

A dissertation submitted in partial fulfilment of the University of Greenwich's
[Type programme title here]

ABSTRACT

The Abstract, occupying less than half a page, is a short description of the intention of the project

PREFACE

The Preface includes any relevant observations that do not belong in the project itself. It is here that the justification for the project meeting the undergraduate programme requirements, British Computing Society accreditation and the National Qualifications Framework.

ACKNOWLEDGEMENTS

It is customary to acknowledge any substantial help, with either the project work or the report, from people and other informal sources

CONTENTS

The report should be divided into chapters each of which may be divided into sections which may again be divided into subsections and so on. Each chapter and numbered section should have a title, and the contents page should list the most significant of these.

You should use the styles *Heading 1, Heading 2 Heading 3* for the main body of the report. You should use the *Headings others* for the abstract, preface etc. You should use the *Headings for appendices* style for the appendices.

Chapters should be numbered (1,2,…) and each section sub-numbered (2.1, 2.2,2.3…). Further decomposition into subsections should be numbered (2.2.1, 2.2.2, 2.2.3 and so on). Each chapter and numbered section or subsection should have a title, and the contents page should list the most significant of these. This will be done automatically if you use styles. **Please start each chapter on a   new page**

To generate contents (you must have used the styles described above).

Put the cursor on the first normal line of this page, from the tabs select:

Reference >
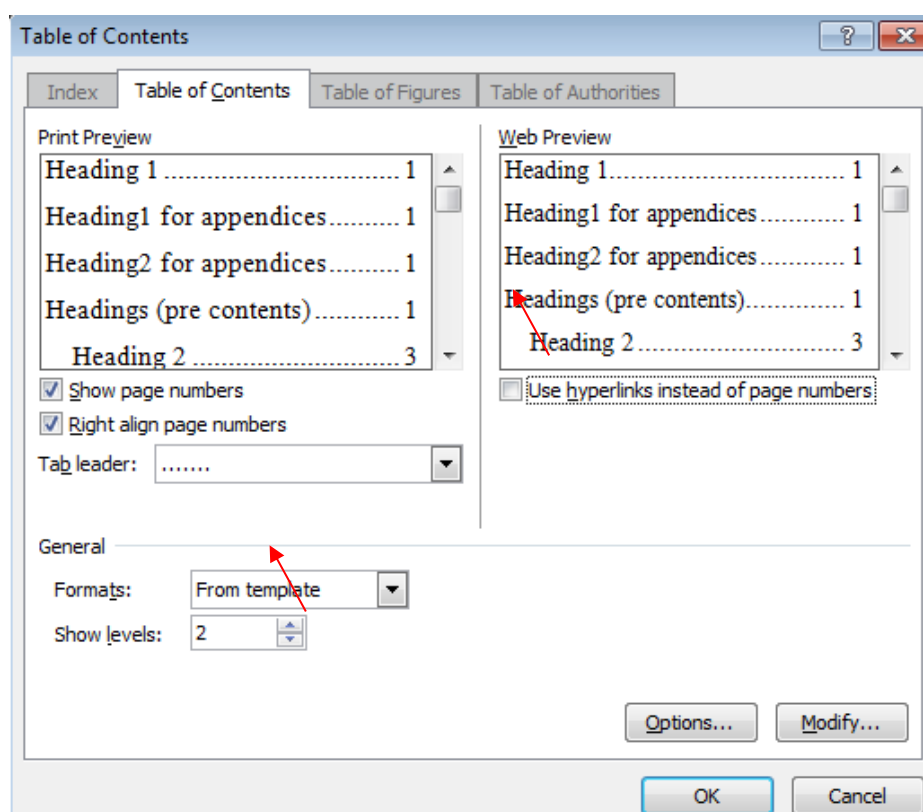
Table of Contents >

Insert table of contents

Delete irrelevant text.

DO NOT DELETE SECTION BREAKS

To update contents

right click on any part of the content area and select **Update Field.**

1 INTRODUCTION

1.1 Background

The first chapter of the report is commonly an introduction, which gives an account of the work to be done and the context in which it is to be done, usually providing background information (referenced) justifying the need for the work you have done. This should also include a clear statement of aims and objectives (refer to your project proposal) and the methods used in carrying out the work involved in each stage of the project.

When discussing your project it should be referred to in the past tense. It should be completed by the time the report is read

"the **project investigated** the role of HCI in the design of web pages and **resulted** in the creation of a web site for a doctors surgery."

When discussing the report it can be in the present or future tense.

"this **report investigates** the role of HCI in the design of web pages and then **describes** the implementation of a website for a doctors surgery"

Line spacing should be 1.5

You should avoid use of "I" "me" "you"

e.g.

NOT

I investigated the use of motion capture in 3d animation and films.

BUT

The use of motion capture in 3d animation and films was investigated.

NOT

I think this is a really successful project

BUT

This project is successful because…

1.2 Aims and Objectives

Aims are wider in scope than objectives and reflect the problem to be investigated.

The objectives should all have specific deliverables and be measurable to help you evaluate how successful you have been in your work. (See the chapter headed Evaluation)

1.3 Methodologies used in the project

This should be a **justification** not a detailed description. This will vary between projects the key points should be about presenting evidence (i.e. references) as to why you chose your methodologies

Why you used, for example, UML, UCD, personas, iterative prototyping, RAD.

Once more you should have a section in the Evaluation chapter which reflects on the effectiveness of these methodologies in your specific project.

1.4 Overview of report

Finish the introduction with a section explaining what is to come in your report.

2   LITERATURE REVIEW

2.1   Introduction

The literature review will look at work carried out in the area previously in order to understand the problem and ensure that the work is worthwhile, and to show the best ways of creating a superior product.

It is an improved version of what you created for your initial report.

Try to avoid using quotes if at all possible
"*You don't get any marks for quoting other people*"

2.2   Some major area of research

2.2.1   A key section of the research

2.2.2   More key sections of the research

Etc. etc.

2.3   Another major area of research

Etc. etc.

2.4   Key issues to use in the design and implementation

2.5   Conclusion

3 REVIEW OF OTHER PRODUCTS

3.1 Introduction

Based on your literature review research justify the criteria used to evaluate these other products

3.2 Product 1

Review product. Use some appropriate level 3 headings based on the criteria for each product, for example:

3.2.1 Overview

3.2.2 Technology

3.2.3 Usability

3.3 Product 2

3.4 Product 3

3.5 Key issues to use in the design and implementation

3.6 Conclusions

4 REQUIREMENTS ANALYSIS

Results of surveys

Results of interviews etc

Results of any methodologies used.

Reflection on what is needed for your project

What did you decide to create based on this?

Functional specification (e.g. MoScOw).

Conclusions

5 DESIGN OF ……………?

Discuss your creative methods

Iterative user testing of these

Discuss the different alternatives and explaining why you chose the ones you did.

Show that you have used some iterative processes

Visual design: e.g.

    Include some images for illustration of key points

    Refer to appendices containing more detail e.g. story boards , images, rejected designs.

Technical design. e.g.

    Explain how ERD etc were arrived at

    Navigational structure of product.

    Show simple diagrams and sketches, etc.

    Refer to appendices containing detail technical stuff.

Justify your decisions referring back to Literature review.

6 DEVELOPMENT OF………..

Based on your designs now discuss how you implemented then

Did you have to make changes?

Were there any technical problems you hadn't foreseen?

Explain advanced coding you created / adapted.

Put relevant snippets in the text, refer to more complex examples in the appendix

Explain what and why you did what you did.

Don't give lots of boring detail, explain the skilful decisions and techniques you used and implemented.

Discuss the iterative testing you did.

Refer back to the research you did.

7 LEGAL, SOCIAL, ETHICAL AND PROFESSIONAL ISSUES

These areas will overlap and you are not expected to be a legal expert, but you should show an awareness of what impact they may have had on your project.

e.g.

data protection act,

research ethics,

how people may react to your product.

Copyright issues,

health and safety

Security

Accessibility

Offensiveness

Accepted standards

BCS Accreditation

If this product were to be developed commercially what issues would there be?

E.g.

    Costs – money and time

    Ownership of … assets, data etc

    Maintenance

    Marketing and sales

  Scalability

8 EVALUATION

Your white/black box testing.

Run accessibility tests.

Final testing of project by users and clients

Your review of the product. Evaluate your product with the criteria you used in evaluating similar products chapter

Your review of the process of the project.

Your review of the methodologies you have used.

How the project may be taken forward by you or others.

9 CONCLUSION

Summarise your key thoughts about the project.

REFERENCES

References should be ordered alphabetically by the name of the author (or, if there is more than one, the name of the first author. The Harvard system is used. Each reference should state the author's name and initials, date (in parentheses), title, publisher and place of issue (if known) e.g. Seber G.A.F. (2003), Multivariate Observations, John Wiley, New York.

If the reference is to a journal or to a conference proceedings article, then the journal title, volume, number and page numbers should be added, e.g. Parna s D.L. et al (2001), Evaluation of Safety Critical Software, CACM, Vol. 33, No.6, pp. 636-651.

Using internet sources you should ad the word "online" in brackets after the title of the work, plus the URL after the name of the publisher.

APPENDIX A - Original Project Schedule

You should have a week by week schedule of your development work. If you changed it have the variations to show how you adapted. Refer to this in your evaluation chapter – reflecting on how well you kept to your schedule and why there were changes.

1 Original schedule

2 Revised schedule

Have several appendices (A,B,C…). These should include detailed and technical documentation such as table of results, diagrams, program source code, etc, which are essential parts of the project but not directly a part of the main discussion in the report. All contents of appendices should be exclusively, products of the student's own work.

Other materials used during the project work (such as information from user manuals, interview notes, etc), which it is necessary to include, should if possible be summarized to only a few pages before entering into the appendix. Original copies of such material should be kept by the student and may be required to be produced as supporting evidence of their work.

Examples of key coding files may be provided in an Appendix but generally it should be uploaded on Moodle

APPENDIX B -   ???????

1   Sub heading

APPENDIX C - ???????