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| **COVENTRY**  UNIVERSITY |
| Faculty of Engineering, Environment and Computing |
| School of Computing, Electronics and Mathematics |
| [Replace items in blue as appropriate] Full Course Title |
| Project Module Code and Module Title |
| Project Title |
| Author: Author's Name |
| SID: 1234567 |
| Supervisor: Supervisor's Name |
| Submitted in partial fulfilment of the requirements for the Degree of Master of Science in Name of Course |
| Academic Year: 2020/21 |

**Declaration of Originality**

I declare that this project is all my own work and has not been copied in part or in whole from any other source except where duly acknowledged. As such, all use of previously published work (from books, journals, magazines, internet etc.) has been acknowledged by citation within the main report to an item in the References or Bibliography lists. I also agree that an electronic copy of this project may be stored and used for the purposes of plagiarism prevention and detection.

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**Statement of ethical engagement**

I declare that a proposal for this project has been submitted to the Coventry University ethics monitoring website (https://ethics.coventry.ac.uk/) and that the application number is listed below (Note: Projects without an ethical application number will be rejected for marking)

Signed: Date:

Please complete all fields.

|  |  |
| --- | --- |
| First Name: |  |
| Last Name: |  |
| Student ID number |  |
| Ethics Application Number |  |
| 1st Supervisor Name |  |
| 2nd Supervisor Name |  |

**This form must be completed, scanned and included with your project submission to Turnitin. Failure to append these declarations may result in your project being rejected for marking.**

Abstract

[ Write here a summary of (about 300 words) the project and its product or findings. Don’t forget to remove this note and all similar guidance notes throughout this template. ]

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Additional Information depending on the project, these could include client/user interview notes, survey data, detailed requirements and specifications, system design models, design information, test data and results, a substantial user manual and/or administrator’s guide, etc.

Acknowledgements

[ This is an optional section, used to acknowledge the support or contribution of your family, friends, colleagues, university staff (usually including the supervisor), your client and any other external sources of help. ]

# Introduction

[ You may optionally give here a brief overview of this section. ]

## Background to the Project

[ Give here some information about the client and the issues which gave rise to this project, or if there is no client explain the problem area addressed and the potential users who may benefit from the proposed solution. ]

## Project Objectives

[ List the main objectives of your project. If you want to discuss the objectives you can use subsections as shown below, otherwise remove the subsection headings. ]

### (*eg*) Gather client and user requirements

[ Text of this subsection ]

### (*eg*) Analyse and model the requirements

[ Text of this subsection ]

### (*eg*) Investigate possible solutions, etc, etc

[ Text of this subsection ]

## Overview of This Report

[ Optional section briefly outlining the structure and content of this report. ]

[ **Note**: this template assumes a “software development” type project, but even these vary considerably and you should feel free to use whatever report structure you consider most appropriate for your own project. However, we expect all reports to have the same “outer” structure with only the “middle” sections differing substantially. Thus all reports should start with an *Introduction* and finish with a *Conclusions* section. We also expect all reports to have a *Project Management* and a *Critical Appraisal* section, although this need not have any particular position in the section order.

*What follows is a sample of report sections, not to be taken too literally. Your supervisor may well require alternative sections.* ]

# Literature Review

[ *Remember to start each new top-level section on a new page.*

Every Masters project needs to do a certain amount of “research” into relevant problem areas, appropriate solutions and the technologies that support them, and also a review of existing systems covering these areas or other projects that have tackled similar problems. Try to show us how this investigation has led to or justified the decisions you’ve taken. ]

# Methodology

[ Too many students waste valuable words talking about the “waterfall model” when in fact they used a prototyping or iterative/incremental approach. What really interests us isn’t the theory of the process model you used, but the reasons for choosing it – can you *justify* it? ]

# Requirements

[ This section should describe the process of gathering requirements, both functional and non-functional. Did you interview the client and/or end-users? Or carry out a wider survey of potential users and their views? Did you use “storyboards” or any similar requirements elicitation technique? We’d like to know.You might also include Strategic Analysis if you are using a case study. ]

[ **Note**: is your “product” actually a kind of Business Report, rather than (say) a software design and prototype system? In that case you need to include the Business Report as an appendix to the main report, and the 12,000 word limit will apply to the combination. There should be little overlap between the two areas: the *main report* is addressed to academics and should describe the “process” of the project, while the *Business Report* appendix is addressed to the client and should contain the primary and/or secondary research related to the client’s business needs, together with your analysis, findings and recommendations. ]

# Analysis

[ Depending on the project you might include here a business process model or other high-level conceptual view of the required system, a use case model showing the main usage scenarios (but not the detailed use-case specifications), an entity-relationship diagram, a logical data model, etc. You need to explain the models, but diagrams save words! ]

# Design

[ Here you should describe the system architecture and include some appropriate design diagram(s). Detailed design specifications belong to the appendices (on the CD), but you could explain here any novel or interesting features of your design. You could also have a subsection on the user interface design, highlighting any HCI issues covered in the design (but not simply regurgitating HCI theory). ]

# Implementation

[ Describe here the implementation and any associated issues, eg platform, languages and tools used, etc. Did you start by building and evaluating an early prototype? Did you apply an “iterative” approach? What is the current status of the system at the time of submission? Have you already deployed the system, or have devised a deployment strategy? ]

# Testing

[ Never mind the theory of black-box and white-box testing, what we really want to know is why you chose a particular strategy, what areas you decided to test and how, what your test plan looks like and how well it worked out. Did you involve the client and/or end-users? ]

# Project Management

[ The subsections shown below are only one possible structure for this section covering the conduct of the project. ]

## Project Schedule

[ This could include the work breakdown structure, Gantt chart, and comments about how well you managed to keep to the original plan, or what adjustments were necessary. ]

## Risk Management

[ Risk identification, analysis and mitigation plan. Did any risk actually materialise? ]

## Quality Management

[ Standards adopted, techniques used to review progress and evaluate outcomes etc. ]

## Social, Legal, Ethical and Professional Considerations

[ Consideration of professional, social, legal and ethical issues, e.g. Data protection, Privacy laws, ethical position, code of conduct, social implications etc. ]

# Critical Appraisal

[ A dispassionate and detailed discussion and analysis of the work and its outcomes, both positive and negative. The section will demonstrate the knowledge and expertise that you have gained from your project.]

# Conclusions

[ Optional introduction ]

## Achievements

[ Comment on what you have achieved in terms of product or other results, with reference to the original project objectives. ]

## Future Work

[ Outline possible enhancements or extensions to the product, or further work needed to address outstanding issues, etc. ]

# Student Reflections

[ A reflective and critical appraisal of your personal performance, problems encountered and how they were resolved, lessons learnt, what could have been done better or differently, etc. ]

Bibliography and References

[ Provide a complete list in APA referencing format of both the sources you have read but not used directly (bibliography) and those sources you have cited in your report (references). A single list will suffice. ]

Appendix A – Project Specification

[ Include here the documents submitted for the Project Specification ]

Appendix B – Interim Progress Report and Meeting Records

[ Include here the interim progress report and supporting documentation submitted ]

Appendix C – Requirements Specification Document

[ You may include here the agreed list of requirements signed off by the client. If the requirements document is too large then put it separately on the CD rather than as an appendix to the report. ]

Appendix D – User Manual

[ Include this if it’s fairly short and you feel it helps the reader understand the product without having to look for this information on the CD. ]

Appendix E – Project Presentation

[ Include here the slides or documents presented for the Project Presentation ]

Appendix F – Certificate of Ethics Approval

[ Include here a small screenshot of the “Certificate of Ethics Approval” on your project produced in the Ethics system for evidence ]

Appendix X – As required