**FACULTY OF SCIENCE, ENGINEERING AND COMPUTING**

**School of *Computer Science & Mathematics***

**BSc DEGREE**

**IN**

***Insert your COURSE TITLE here***

**PROJECT FINAL REPORT**

Name:

ID Number:

Project Title:

Project Type: Build

Date:

Supervisor:

KU London Logo

Did you discuss and agree the viability of your project idea with your supervisor? Yes or No

Did you submit a draft of your proposal to your supervisor? Yes or No

Did you receive feedback from your supervisor on any submitted draft? Yes or No

**Abstract**

*Although it appears first, it is probably the last section to be written. By reading just the abstract, the reader should get a good sense of what the report says.*

*This should be one page description that comprises of problem that you address, your approach (users, input, output, and process), analysis & design, implementation, evaluation and conclusion. Write more about your work. Do not use citations, abbreviations and further works in an abstract.*

Contents

[1. Introduction & Literature Review 1](#_Toc80523835)

[1.1 Introduction 1](#_Toc80523836)

[1.2 Background and Motivation 1](#_Toc80523837)

[1.3 Problem in brief 1](#_Toc80523838)

[1.4 Aim & Objectives 1](#_Toc80523839)

[1.4.1 Aim 1](#_Toc80523840)

[1.4.2 Objectives 1](#_Toc80523841)

[1.5 Scope 2](#_Toc80523842)

[1.6 Deliverables 2](#_Toc80523843)

[1.7 Literature Review 2](#_Toc80523844)

[2. Analysis 3](#_Toc80523845)

[3. Design 3](#_Toc80523846)

[3.1 Design Techniques 3](#_Toc80523847)

[3.2 System Overview 3](#_Toc80523848)

[4. Product Implementation 4](#_Toc80523849)

[5. Validation 4](#_Toc80523850)

[6. Critical Review & Conclusion 4](#_Toc80523851)

[6.1 Closing executive summary 4](#_Toc80523852)

[6.2 Conclusion 4](#_Toc80523853)

[References / Bibliography 5](#_Toc80523854)

[Appendices 6](#_Toc80523855)

**List of Figures/Tables**

*Here you should list Figures/Tables captions followed by names, with page numbers.*

**Glossary of Terms**

# Introduction & Literature Review

## 1.1 Introduction

## 1.2 Background and Motivation

In this section you should write brief description including background and motivation for the project. Give a detail description of achievements, issues in your research area and their solution. Key research from the world should be mentioned. This is an introduction to the field. You get many problems, giving reasons select one problem as the research problem. In addition technology used for various solutions should be highlighted, with a special emphasis on the technology you have selected. This section should have citations to refer to items in the list of reference.

## 1.3 Problem in brief

Describe the selected problem here.

## 1.4 Aim & Objectives

*Write Aim and Objectives of the project under a separate heading as follows.*

### 1.4.1 Aim

*Provide your aim, better to use one sentence only.*

*E.g. The aim of this project is to develop a system for addressing <problem> with the use of <selected technology>.*

### 1.4.2 Objectives

*The following can be the most general objectives of any project, but you can define more specific objectives to suit your project*

* Critical review of the <problem domain>
* Critical study of technologies that can solve the problem
* Design and develop a system for solving the problem
* Evaluation of the proposed system
* Preparation of final documentation
* Objectives are **SMART**

## 1.5 Scope

The scope of the proposed solution has been justified and clearly stated. Appropriate techniques like SWOT and PEST are used.

## 1.6 Deliverables

What will be provided upon the completion project?

## 1.7 Literature Review

Competing or similar systems, technologies, platforms, methodologies or problem domains have been appraised; and subsequent strengths and limitations identified. The review is logically presented and well-structured; it includes evidence of analysis that has informed the proposed build. References are of an excellent quality (e.g. quality sources, appropriate formatting, relevance, appropriate inline use).

# 2. Analysis

Usage of appropriate analysis techniques: Including for example, clear problem definition; SWOT; use cases; user stories; requirement engineering. Analysis outcomes: what has been learnt from the analysis process?

# 3. Design

## 3.1 Design Techniques

Usage of appropriate design techniques: Such as, process model / flow chart / activity sequence diagrams; design narrative

## 3.2 System Overview

System overview: Description of system components featuring elements such as, wireframes; system architecture; data model, data structures

# 4. Product Implementation

Technical description of implementation: use of libraries and interfaces; functions used; application of coding principles; critical discussion of coding issues; sophistication of code; code structure; choice of methodologies; modularity

# 5. Validation

Strategies and outcomes: Clear test strategy; testing framework; evaluation analysis; usability testing; performance testing; black box / white box; functionality; feedback from client

# 6. Critical Review & Conclusion

## 6.1 Closing executive summary

A review of the project has been presented and includes identification and justification for ways in which the project might be improved. Examples include: Scrutiny of the project management approach; a change to the scope of the research or implementation; time-management strategies, etc

## 6.2 Conclusion

A concluding summary of the project and its outcomes (e.g. review of the original aims and objectives and whether or not they have been met; a summary of pertinent strengths and limitations etc.) have been presented, and logical proposals for future work have been described.

# References / Bibliography

*Here you should give details of citations that you have used in the text. An entry in list of reference generally includes information such as Author, Year, Title of the Article, Name of Journal/conference, page numbers. There are various reference and citation styles, but you should use the one shown in the sample.*

# Appendices

*You may have several appendixes (Appendix 1, Appendix 2 or Appendix A, Appendix B) to refer to further details related to chapters like: Technology adapted, Analysis and Design, Implementation, evaluation, etc.*