***<Senior Design Project Title>***

Group Student Name(s) and IDs

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*<mm/dd/yyyy>*

**Table of Contents**

[1 Introduction 4](#_Toc128324402)

[2. Structure of your report 4](#_Toc128324403)

[Title Page 4](#_Toc128324404)

[Table of Contents 4](#_Toc128324405)

[System Hardware Inventory Received: 4](#_Toc128324406)

[System Hardware Inventory Returned: 4](#_Toc128324407)

[Project Executive Summary (One Page) 5](#_Toc128324408)

[Section 1: 5](#_Toc128324409)

[1.1 Project Purpose, Objectives and Design Procedure 5](#_Toc128324410)

[1.2 Project Work Packages and Tasks 5](#_Toc128324411)

[1.3 Project Team Members 5](#_Toc128324412)

[1.4 Team Contributions 5](#_Toc128324413)

[1.5 Project Expected Deliverables Overview 6](#_Toc128324414)

[1.6 Comparison of initially planned and actual implementation Project Activities 6](#_Toc128324415)

[Section 2: 6](#_Toc128324416)

[Section 3: 6](#_Toc128324417)

[Section 4: 6](#_Toc128324418)

[Section 5 6](#_Toc128324419)

[Section 6: 6](#_Toc128324420)

[3. Wordcount 7](#_Toc128324421)

[4. Presentation and Document Format: 7](#_Toc128324422)

[5. Referencing: 7](#_Toc128324423)

[6. Regulations 7](#_Toc128324424)

# Introduction

This is an individual technical report of at least 3000 to 4000 words that each student will submit at the end of the course which will carry a comprehensive critical review, troubleshooting experiences, analysis and evaluation of the entire process during the implementation of the experimental group-based project. The report must demonstrate student’s individual learning during the group project. Please see the marking criteria for more details on the supervisors’ expectations for this project report.

# 2. Structure of your report

Student is encouraged to make systematic and appropriate use of headings and subheadings with the following section.

## Title Page

## Table of Contents

## System Hardware Inventory Received:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name/ ID | Type | Model/ Version | Physical Location | Equipment Owner  (Person or Dept) | Any damages to be reported in the received inventory: | Picture of Equipment |
|  |  |  |  |  |  |  |
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## System Hardware Inventory Returned:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name/ ID | Type | Model/ Version | Physical Location | Equipment Owner  (Person or Dept) | Any damages to be reported in the returned inventory: | Picture of Equipment |
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## Project Executive Summary (One Page)

## Section 1:

Introduction, Problem Statement and Design Procedure: In the section, student must provide the Project Introduction, Problem Statement and Project Scop. Student must also explain project plan and specification with reference to work packages and activities. Section should carry detailed design procedure. Student may use follow sample sub-sections; those are provided for guidance only and Students may make use of additional sub-sections.

### 1.1 Project Purpose, Objectives and Design Procedure

### ****1.2 Project**** Work Packages and Tasks

|  |  |
| --- | --- |
| Work Package ID- Tasks ID | **Task Description** |
|  |  |
|  |  |
|  |  |
|  | Please add more rows as required |

### ****1.3 Project Team Members****

|  |  |
| --- | --- |
| **Name** | **Student ID** |
|  |  |
|  |  |
|  |  |
|  | Please add more rows as required |

### ****1.4 Team Contributions****

|  |  |
| --- | --- |
| Work Package ID- Tasks ID | **Each Student Contributions to the task** |
|  |  |
|  |  |
|  |  |
|  | Please add more rows as required |

### ****1.5 Project**** Expected Deliverables ****Overview****

### ****1.6 Comparison of initially planned and**** actual implementation Project Activities

## Section 2:

**Technical Review**: In this chapter Student must provide detailed technical review with criteria for Selection of the chosen technologies for project implementation and compare it against another available alternative. Student is expected to demonstrate Practical Skills knowledge with the ability to use emerging information technologies through a project. Students are encouraged to add sub-sections with systematic and appropriate use of headings and subheadings under this section.

## Section 3:

**Literature Review** (Student must provide literature review with reference to the Project Architecture while highlighting the Theoretical Details of the used tools and technologies and algorithms. Student must link the tools to state-of-the-artwork carried in the domain). Students are encouraged to add sub-sections with systematic and appropriate use of headings and subheadings under this section.

## Section 4:

**Testbed Performance Analysis**: In this section, must demonstrate Performance analysis of the implemented project while comparing it against set benchmarks/KPIs. Students are also required to refer to testbed implementation architecture during performance analysis to highlight how the implementation stack (hardware, software, facilities , material etc) has impacted the performance and how an It could be improved in future to achieve a better performance. Student must also Students are encouraged to add sub-sections with systematic and appropriate use of headings and subheadings under this section.

## Section 5

**Self-Learning and Teamwork Reflections**: In this report section, student must provide the reflection on his ability to systematically identify and troubleshoot problems using self-learning techniques and develop the knowledge necessary to address a given technical challenge. Students are also required to provide reflection on their experience of working as part of the team, highlighting the peer learning opportunity for individuals, personal and technical skills necessary to work productively as part of a team, and also evaluate the work of other members of the team.

## Section 6:

**Conclusion:**

Finally, the students are required to provide conclusion to the report, by reinforce the problem statement, and how the project has addressed the set objectives in section 1, while refereeing to the performance analysis outcomes. Student must suggest way forward for future work and project extension, and given the chance, what would they do differently to achieve better results.

## 3. Wordcount

The technical report must have at least 3000 and maximum 4000 words.

## 4. Presentation and Document Format:

The final report must be very well organized. The report must have clarity, simplicity, parsimony and includes clear transitions and systematic use of headings and subheadings. Must include the Project title, student’s name and ID on the first page. Report must be submitted as a PDF.

## 5. Referencing:

Please use IEEE reference style

## 6. Regulations

Make sure you understand the [University Regulations](http://www.lsbu.ac.uk/__data/assets/pdf_file/0008/84347/academic-regulations.pdf) on expected academic practice and academic misconduct. Note in particular:

Your work must be your own. Markers will be attentive to both the plausibility of the sources provided as well as the consistency and approach to writing of the work. Simply, if you do the research and reading, and then write it up on your own, giving the reference to sources, you will approach the work in the appropriate way and will cause not give markers reason to question the authenticity of the work.

All quotations must be credited and properly referenced. Paraphrasing is still regarded as plagiarism if you fail to acknowledge the source for the ideas being expressed.