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**SCHOOL OF ENGINEERING AND COMPUTING**

Biomedical Engineering Program

**Title of Project**

By:

Name of Students

Supervisor:

**Dr. Name**

A graduation project submitted to the Faculty of Engineering in partial fulfillment of the requirements for the degree of bachelor’s in biomedical engineering.

A picture containing text, sketch, symbol, pattern

Description automatically generatedMonth Year

Acknowledgments

Recognition or favorable notice for people.

Abstract

Describe your project briefly in few paragraphs. The abstract should not exceed one page.

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# Introduction

## Section

This should include:-

* Background of the project. (Motivation e.g. why is the design important)
* Objectives of the project and some description, including the realistic constraints and design requirements.
* Initial constraints and standards.
* Design achieved (brief description)
* *Indicate who exactly in the group is responsible for what.*
* Organization of the rest of the documentation.

# Background/or Literature Review

## 2.1 Section

* Review and contrast 5-7 conference or journal papers discuss similar problem
* Include references
* Highlight any requirements or constraints of published work
* Highlight your contribution to previous work
* Brief description of the used technologies, equipment, circuits, design, …etc (Background)

# 3. Design

## Requirements

## Analysis of Requirements and Constraints

* Both pre specified and based on requirements analysis

## Different Designs Approaches/choices

## Developed Design

* Flow charts
* Schematic
* Pseudo codes
* System level diagrams
* Architecture diagrams
* System/transistor diagram
* Etc

## Did the Design Meet Requirements and Constraints

* Use table to summarize requirements and constraints met with justifications

# 

# Results

## Prototype Setup

* + Hardware
  + software

## Experiment/Simulation Setup

## Experiment/Simulation Results Discussion:

* + Use
    - Tables: The tables should be mentioned and explained during the context (e.g. Fig. 3.3). The numbering style of the figure should be as they presented in each Chapter (e.g. Table 3.3 : this mean that this is table number 3 of Chapter 3). Finally, table caption should be like the following in the below (normally above the table)

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**Table 3.3** [Title of the table]

* + - Figures: The figures should be mentioned during the context (e.g. Fig. 3.3). The numbering style of the figure should be as they presented in each Chapter (e.g. Fig. 3.3: this mean that this is Figure number 3 of Chapter 3). Finally, figure caption should be like the following in the below (normally below the figure)



**Fig. 3.3** [Figure title]

## Summary of constraints

* + Discuss and analyze whether the requirements and realistic constraints are met

# Conclusion and Future Work

The conclusion should draw out the implications of findings and any possible future work.

**References**

Follow similar format as IEEE guidelines, link below

<http://www.ieee.org/documents/ieeecitationref.pdf>

APPENDICIES

These are detailed documentation of points mentioned in the report (e.g. technical data, questionnaires, chart …. etc.) which are considered supplementary information but too long or not quite relevant enough to include in the main body of the report.

Appendices may be labeled with letters as Appendix A, Appendix B, and so on.

Example,

## Appendix A: CODE