University of Sheffield

EEE381



Individual Investigative Project

Mohammed Ayman Shaikh

A report submitted in fulfillment of the module EEE381 Individual Investigative Project

in the

School of Electronic and Electrical Engineering

April 17, 2025

ABSTRACT

Included prior to the contents, this should be a concise summary of the work outlining the problem, why it might be important, approach taken and results. This should be written for a technical audience with interest in the design and implementation aspects of the project.

INDIVIDUAL CONTRIBUTION

Included prior to the contents, this should be a short summary (maximum 1 page) of the individual work that you have undertaken. Where you have worked on a project with other students or within a research group you should make it clear what your role was and what work you contributed. You should make it clear what existing work and resources (such as hardware, software, data, etc.) that you used for your project. You should include references to any external software and data that you used.

ACKNOWLEDGEMENTS

Contents

1	Introduction	1
2	[chapter title]	2
RI	EFERENCES	3

Chapter 1

Introduction

Text...

1.1	Background and Motivation
Text	
1.1.1	[level 3 heading]
Text	
1.1.2	Problem Definition
Text	
	Aims and Objectives
Text	
1.1.4	Project Management

Chapter 2

[chapter title]

2.1 [level 2 heading]

Text...

2.1.1 [level 3 heading]

Text...

REFERENCES

[1] Lowry, O. H., Rosebrough, N. J., Farr, A. L., and Randall, R. J. (1951). Protein measurement with the Folin phenol reagent. *J. Biol. Chem.*, 193(1), 265–275.