



Green University of Bangladesh

*Department of Computer Science and Engineering (CSE)
Semester: (Fall, Year: 2025), B.Sc. in CSE (Day)*

Place Your Project Title at Here

Course Title:

Course Code:

Section:

Students Details

Name	ID
-	-
-	-

Submission Date: _
Course Teacher's Name: _

[For teachers use only: **Don't write anything inside this box**]

<u>Lab Project Status</u>	
Marks:	Signature:
Comments:	Date:

Contents

1	Introduction	3
1.1	Overview	3
1.2	Motivation	3
1.3	Problem Definition	3
1.3.1	Problem Statement	3
1.3.2	Complex Engineering Problem	3
1.4	Design Goals/Objectives	3
1.5	Application	4
2	Design/Development/Implementation of the Project	5
2.1	Introduction	5
2.2	Project Details	5
2.2.1	Subsection_name	5
2.3	Implementation	6
2.3.1	Subsection_name	6
2.4	Algorithms	6
3	Performance Evaluation	8
3.1	Simulation Environment/ Simulation Procedure	8
3.1.1	Subsection	8
3.1.2	Subsection	8
3.2	Results Analysis/Testing	8
3.2.1	Result_portion_1	8
3.2.2	Result_portion_2	8
3.2.3	Result_portion_3	8
3.3	Results Overall Discussion	9
3.3.1	Complex Engineering Problem Discussion	9

4	Conclusion	10
4.1	Discussion	10
4.2	Limitations	10
4.3	Scope of Future Work	10

Chapter 1

Introduction

1.1 Overview

Start the section with a general discussion of the project, that is, an overview.

1.2 Motivation

Write this section mentioning actually why you have decided to choose this project [1].

1.3 Problem Definition

1.3.1 Problem Statement

Here you will describe the the statement that you want to address as your problem. This will definitely contain discussion according to your above motivation.

1.3.2 Complex Engineering Problem

The following table must be completed according to your above discussion in detail. The column on the right side should be filled only on the attributes you have chosen to be touched by your own project.

1.4 Design Goals/Objectives

Specify and discuss the goals or objectives of your project.

Table 1.1: Summary of the attributes touched by the mentioned projects

Name of the P Attributes	Explain how to address
P1: Depth of knowledge required	---
P2: Range of conflicting requirements	---
P3: Depth of analysis required	---
P4: Familiarity of issues	---
P5: Extent of applicable codes	---
P6: Extent of stakeholder involvement and conflicting requirements	---
P7: Interdependence	---

1.5 Application

Write about the exact application of your chosen project in the real world in details.
In every section please add subsections and figures and citations as references [1] also.

Chapter 2

Design/Development/Implementation of the Project

2.1 Introduction

Start the section with a general discussion of the project [2] [3] [4].

2.2 Project Details

In this section, you will elaborate on all the details of your project, using subsections if necessary.

2.2.1 Subsection_name



Figure 2.1: Figure name

You can fix the height, width, position, etc., of the figure accordingly.

2.3 Implementation

All the implementation details of your project should be included in this section, along with many subsections.

2.3.1 Subsection_name

This is just a sample subsection. Subsections should be written in detail. Subsections may include the following, in addition to others from your own project.

The workflow

Tools and libraries

Implementation details (with screenshots and programming codes)

Each subsection may also include subsubsections.

2.4 Algorithms

The algorithms and the programming codes in detail should be included . Pseudo-codes are also encouraged very much to be included in this chapter for your project.

- Bullet points can also be included anywhere in this project report.

Algorithm 1: Sample Algorithm

Input: Your Input

Output: Your output

Data: Testing set x

```
1  $\sum_{i=1}^{\infty} := 0$  // this is a comment
  /* Now this is an if...else conditional loop */
2 if Condition 1 then
3   | Do something // this is another comment
4   | if sub-Condition then
5   | | Do a lot
6 else if Condition 2 then
7   | Do Otherwise
  /* Now this is a for loop */
8   | for sequence do
9   | | loop instructions
10 else
11 | Do the rest
  /* Now this is a While loop */
12 while Condition do
13 | Do something
```

Chapter 3

Performance Evaluation

3.1 Simulation Environment/ Simulation Procedure

Discuss the experimental setup and environment installation needed for the simulation of your outcomes.

3.1.1 Subsection

3.1.2 Subsection

3.2 Results Analysis/Testing

Discussion about your various results should be included in this chapter in detail.

3.2.1 Result_portion_1

The results of any specific part of your project can be included using subsections.

3.2.2 Result_portion_2

Each result must include screenshots from your project. In addition to screenshots, graphs should be added accordingly to your project.

3.2.3 Result_portion_3

Each result must have a single paragraph describing your result screenshots or graphs or others. This is a simple discussion of that particular portion/part of your result.

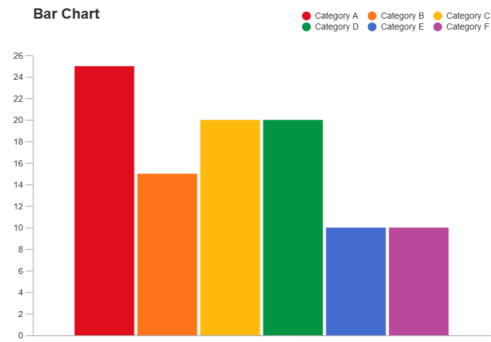


Figure 3.1: A graphical result of your project

3.3 Results Overall Discussion

A general discussion about how your result has arrived should be included in this chapter. Where the problems detected from your results should be included as well.

3.3.1 Complex Engineering Problem Discussion

[OPTIONAL] In this subsection, if you want, you can discuss in details the attributes that have been touched by your project problem in details. This has already been mentioned in the Table 1.1.

Chapter 4

Conclusion

4.1 Discussion

Discuss the contents of this chapter and summarized the description of the work and the results and observation. Generally, it should be in one paragraph.

4.2 Limitations

Discuss the limitations of the project. Limitations must be discussed, with the help of some critical analysis.

4.3 Scope of Future Work

Discuss the future work of the project, that is your plans for more work and extension of your project.

References

- [1] Omid C Farokhzad and Robert Langer. Impact of nanotechnology on drug delivery. *ACS nano*, 3(1):16–20, 2009.
- [2] Uthayasankar Sivarajah, Muhammad Mustafa Kamal, Zahir Irani, and Vishanth Weerakkody. Critical analysis of big data challenges and analytical methods. *Journal of Business Research*, 70:263–286, 2017.
- [3] Douglas Laney. 3d data management: controlling data volume, velocity and variety. gartner, 2001.
- [4] MS Windows NT kernel description. <http://web.archive.org/web/20080207010024/http://www.808multimedia.com/winnt/kernel.htm>. Accessed Date: 2010-09-30.