
Title of Last Semester Thesis/Project.

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Department of Computer Science and Engineering

Submitted in partial fulfilment of the requirements
of the degree of Bachelor of Science in Computer Science and Engineering

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CITY UNIVERSITY

DECLARATION

This project report titled “**Title of Last Semester Thesis/Project**” is the result of my research, except as cited in the references. I have conducted this project under the supervision of **Supervisor Name**. This project partially fulfills the requirements for the degree awarded as Bachelor of Computer Science and Engineering during the session of [Enter Your Session Year] at City University, Birulia, Savar Dhaka.

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ACKNOWLEDGEMENT

First, we express our heartiest thanks and gratefulness to almighty Allah for His divine blessing in making us able to complete this project successfully.

We would like to thank the following people for their help in the production of this project. We are deeply indebted to our supervisor **Supervisor Name**, [Designation], Department of CSE. Without his help and support throughout this project, it would not have been possible. His endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, and reading many inferior drafts and correcting them at all stages have made it possible to complete this project.

Our special thanks go to the Head of the Department of CSE, **Name of Department Head**, who had permitted us and encouraged us to go ahead.

I am very grateful to all my faculty teachers who gave me their valuable guidance to complete my graduation. I am also very grateful to all those people who have helped me to complete my project.

Finally, I must acknowledge with due respect the constant support and patience of my parents.

Abstract

Write your abstract in this section.

Keywords: Some keywords related to the topic.

Publication List

[Optional] The main contributions of this research are either published or accepted or in preparation in journals and conferences as mentioned in the following list:

Journal Articles

- 1.

Conference Papers

- 1.

Additional Publications

Following is the list of relevant publications published in the course of the research that is not included in the thesis:

- 1.

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Chapter 1

Introduction

[Must be present in FYDP-1 Report and also in Final Report]

1.1 Problem statement

Every chapter should start with 1-2 sentences on the outline of the chapter.

1.2 Project Overview

This section should clearly present the background and a problem statement that your project aims to solve.

1.3 Motivation

The computational motivation that encourages you to solve the problem should be stated here clearly. In addition, you can mention why solving this problem will benefit.

1.4 Objectives

Enumerate the objectives in clear and specific terms.

1.5 Methodology

Here you put a brief summary of the methodology.

1.6 Project Outcome

What are or could be the possible outcomes of your work?

1.7 Organization of the Report

Here put a chapter wise structure of the report in narrative form.

Chapter 2

Literature Review

[Must be present in FYDP-1 Report and also in Final Report]

Every chapter should start with 1-2 sentences on the outline of the chapter.

2.1 Preliminaries

In this section, you have to provide the necessary background knowledge to understand the rest of the report [1].

2.2 Literature Review

This section will contain you literature review.

2.2.1 Similar Applications

Put a summary of similar web applications, mobile apps similar to your work.

2.2.2 Related Research

Here report the summary of the investigation of the research literature.

2.3 Gap Analysis

Here summarise the gap where you intend to work.

2.4 Summary

Chapter 3

Methodology

[Must be present in FYDP-1 Report and also in Final Report]

Every chapter should start with 1-2 sentences on the outline of the chapter.

3.1 Requirement Analysis

3.1.1 Functional and Nonfunctional Requirements

3.1.2 Context Diagram



Figure 3.1: City University Logo

3.1.3 Data Flow Diagram Level 1

3.1.4 UI Design



Figure 3.2: City University Logo

3.2 Detailed Methodology and Design

You have to mention alternate solutions that you have considered. Why you have selected the specific solution, etc.

3.3 Project Plan

3.4 Task Allocation

3.5 Summary

Chapter 4

Implementation and Results

[Must be present in Final Report. Incomplete version might be included in FYDP-1 Report, however it is optional.]

Every chapter should start with 1-2 sentences on the outline of the chapter.

4.1 Environment Setup

4.2 Testing and Evaluation

4.3 Results and Discussion

4.4 Summary

Chapter 5

Standards and Design Constraints

[Must be present in FYDP-1 Report and also in Final Report]

Every chapter should start with 1-2 sentences on the outline of the chapter.

5.1 Compliance with the Standards

Only mention the standards that are related to your project. This list is not complete. For each of the standards discuss the alternates with pros and cons and rationale of selection.

5.1.1 Software Standards

5.1.2 Hardware Standards

5.1.3 Communication Standards

5.2 Design Constraints

Only mention the constraints that are related to the design of your project. This list is not complete.

5.2.1 Economic Constraint**5.2.2 Environmental Constraint****5.2.3 Ethical Constraint****5.2.4 Health and Safety Constraint****5.2.5 Social Constraint****5.2.6 Political Constraint****5.2.7 Sustainability****5.3 Cost Analysis**

Provide a cost analysis in terms of budget required and revenue model. In case of budget, you must show an alternate budget and rationales.

5.4 Complex Engineering Problem**5.4.1 Complex Problem Solving**

In this section, provide a mapping with problem solving categories. For each mapping add subsections to put rationale (Use Table 5.1). For P1, you need to put another mapping with Knowledge profile and rational thereof.

Table 5.1: Mapping with complex problem solving.

P1 Dept of Knowl- edge	P2 Range of Con- flicting Require- ments	P3 Depth of Analysis	P4 Familiarity of Issues	P5 Extent of Applicable Codes	P6 Extent of Stake- holder Involve- ment	P7 Inter- dependence
√	√					

5.4.2 Engineering Activities

In this section, provide a mapping with engineering activities. For each mapping add subsections to put rationale (Use Table 5.2).

Table 5.2: Mapping with complex engineering activities.

A1 Range of re- sources	A2 Level of Interac- tion	A3 Innovation	A4 Consequences for society and environment	A5 Familiarity
√	√			

5.5 Summary

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for 'lorem ipsum' will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

Chapter 6

Conclusion

[Must be present in FYDP-1 Report and also in Final Report. Might be incomplete in FYDP-1 Report.]

Every chapter should start with 1-2 sentences on the outline of the chapter.

6.1 Summary

6.2 Limitation

6.3 Future Work

References

- [1] Jon Kleinberg and Eva Tardos. *Algorithm design*. Pearson Education India, 2006.