

Jordan University of Science and Technology
Faculty of Computer and Information Technology
Department of Computer Engineering

CPE 592: Graduation Project Final Report

[Project Title]

Student 1 0000000000

Student 2 0000000000

Student 3 0000000000

Supervised By

Dr.

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Figure 1. System Architecture. **Error! Bookmark not defined.**

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Abstract

The final report must detail the project in a way that makes it clear to understand and even implement or reproduce. Regarding the style, the report should be printed on A4 paper with 2 cm margins, in Times Roman font size 10 points for the body, 12 points for the section headers and 14 points for the chapter titles. Text must be left and right adjusted, with 1.5 line spacing, and properly numbered or bulleted lists, and well numbered and captioned tables, figures and images. Codes, detailed specifications and images that may hinder the reading should be included in the appendices not the body of the report.

In a half page or less, summarize the main reasons for performing the design and the scope of the design that your group attends to achieve. Typically, all the sentences in a proposal's summary can be found in one form or another in the sections that follow. The purpose of the abstract is to give the reader an overview of what the design need is and what design is being proposed to fill that need. Because of its content and location, this section is the most widely read section of the document. For that reason, the section should be well written and carefully proofread.

I. Introduction

[In this section discuss the aspects that help the reader understand the problem being solved. This includes any social, technological, economical, etc. aspects of your project] Include more details than in project 1.

II. Professional Practice Constraints

Students must provide any engineering standards or constraints that were used in their project. The graduation project offers the student an early exposure to engineering practices. Hence, it incorporates other considerations such as project management, and communication experiences, in addition to the design. A major issue in the project design is to cope with the professional constraints, including:

- **Manufacturability Constraints;** these are the limits of the product form, components, industrial standards and the assembly methods that provide an ease of construction.
- **Economic Constraints;** these include limits on fiscal, temporal and manpower resources in developing alternative design solutions.
- **Sustainability;** these are the limits placed on the design and use of products and processes in recognition of their true lifecycle and long-term costs to the society.
- **Environmental Constraints;** restrictions that limit the adverse effects of human activity on the quality of life on Earth.
- **Health and Safety Constraints;** standards that serve to protect or maintain human life by minimizing risks from injury or disease.
- **Ethical Standards Constraints;** principles of conduct and integrity, which govern the behavior of an individual or group toward other individuals or groups within a community.
- **Social Values Constraints;** limits which society places on the research and development of new technology and advanced products according its own prescribed set of values.
- **Political Constraints;** restrictions instituted by society, as expressed through its governing bodies, which reflects the prevailing political will of its constituents.

III. System Architecture and Design

[Show the system architecture with major components then give details of the design and implementation details for each part.]

IV. Software Implementation

[DO NOT INCLUDE ANY CODE, give details of the software design including the major classes and how the code works]

Bibliography

[use the Chicago style, please see http://www.chicagomanualofstyle.org/tools_citationguide.html for details]

Appendix A

[Any minor information, like pin diagrams, necessary to fully understand the document]