

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

**CPE 591: Graduation Project I Report**  
**[Project Title]**

**Student 1 0000000000**

**Student 2 0000000000**

**Student 3 0000000000**

**Supervised By**  
**Dr.**

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## **I. Abstract**

The 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.

## **II. Background**

[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]

## **III. Proposed Work**

[In this section, describe in detail what you will be doing for your project. You should include a high level design and discuss the major programming components of your project; for example, changes you plan to make to the kernel, command line utilities you plan to provide, or server and client applications you will write. You should clearly identify those parts of the project that will present challenges, and describe the challenges you expect to overcome. This section should be four (4) to six (6) pages in length.]

## **IV. 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.

## **V. Deliverables**

Here you would place a paragraph or paragraphs that present the deliverables that you will provide the customer.

## VI. Roles

[In this section, discuss the roles that each group member will have in the project. One paragraph per group member is sufficient.]

## VII. Schedule

<b>Time Frame</b>	<b>Task To Be Completed</b>	<b>Status</b>
September- November	- Identifying system requirements, scope, and implementation platform.	Done
October- November	- Training on the implementation environment.	Done
November- December	- Development and deployment of a simple pilot program	Done
December	- Report preparation and presentation.	Done
January	- Field study and preliminary users' feedback.	Planning
February	- Incorporating more requirements and users' feedback.	----
March-April	- Source code Lock, followed by testing.	----
April-May	- Dissemination of research results.	----
May	- Final report and presentation.	----

## VIII. Bibliography

[This is where you list bibliographic information for any references you made throughout the proposal.]