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Jordan National Semiconductor Design Competition (JOSDC’2023)

Project Title

By

Student Name & Student Name

Amman, Jordan

Month Year

Acknowledgments

Recognition or favorable notice for people.

Abstract

Describe your project briefly in few paragraphs. The abstract should not exceed one page.

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# Introduction

## Section

This should include:-

* Background of the project. (Motivation e.g. why is the design important)
* Objectives of the project and some description, including the design requirements
* Design achieved (brief description)
* Indicate who exactly in the group is responsible for what.
* Organization of the rest of the documentation.

# Design

## Hardware Design and Implementation

* Describe the hardware design and components used.
* Explain the physical setup of the hardware.
* Discuss any challenges faced during hardware implementation.
* Include photographs, diagrams, or schematics of the hardware setup.

## Coding and Software Development

* Describe the coding and software development aspects of your project.
* Explain the programming languages and tools used.
* Provide code flow charts or algorithms related to your project.
* Discuss the coding challenges and solutions.

# Results

• Present the results of testing and validation procedures for both the simulation and hardware.

• Include data, graphs, and tables to support your findings.

• Discuss the performance and functionality of the integrated system.

• Use a table to summarize that requirements were met

## Experiment/Simulation Results Discussion:

* + Use
    - Tables
    - Graphs
    - Waveform
    - figures

## Prototype Setup

* + Hardware
  + Software

## Validation of requirements

* + Discuss and analyze whether the requirements are met

# Conclusion

* Summarize the key findings and their implications.
* Assess whether the project's objectives were achieved.
* Provide recommendations for future work.

References

Follow a format consistent with IEEE guidelines and utilize conference and journal papers for your reference list

APPENDICES

These are detailed documentation of points mentioned in the report (e.g. technical data, questionnaires, chart …. etc.) which are considered supplementary information but too long or not quite relevant enough to include in the main body of the report.

Appendices may be labeled with letters as Appendix A, Appendix B, and so on.

Example,

Appendix A: CODE