Title of the Project

**This Project is submitted to the Department of Electrical Engineering
at the College of Engineering in partial fulfillment of the requirements for the degree of**

Bachelor of Science in Electrical Engineering
at

Fahad Bin Sultan University

**Presented By**

|  |
| --- |
| **Student 1: name, ID****Student 2: name, ID****Student 3: name, ID****Student 4: name, ID**Date |

# Table of Contents

[Table of Contents 2](#_Toc173875888)

[Abstract 3](#_Toc173875889)

[1. Introduction 4](#_Toc173875890)

[1.1 Motivation 4](#_Toc173875891)

[1.2 Problem Statement and Proposed Solution 4](#_Toc173875892)

[1.2.1 Objective(s) 4](#_Toc173875893)

[1.2.2 Solution 4](#_Toc173875894)

[1.3 Project Description 4](#_Toc173875895)

[1.4 Benefits 4](#_Toc173875896)

[1.5 Limitations 4](#_Toc173875897)

[1.6 Organization of the Report 5](#_Toc173875898)

[2. Literature Review 6](#_Toc173875899)

[2.1 Title of Work 1 [reference] 6](#_Toc173875900)

[2.2 Title of Work 2 [ ] 6](#_Toc173875901)

[2.3 Title of Work 3 [ ] 6](#_Toc173875902)

[2.4 Conclusion 6](#_Toc173875903)

[3. Design of (the Proposed Solution) 7](#_Toc173875904)

[3.1 Problem Statement and Proposed Solution 7](#_Toc173875905)

[3.2 Design of the Solution 7](#_Toc173875906)

[3.2.1 Block Diagram 7](#_Toc173875907)

[3.2.2 Workflow Diagram 7](#_Toc173875908)

[3.2.3 Flow Chart or State Diagram 7](#_Toc173875909)

[3.2.4 Main Resources Needed {on the block level} 7](#_Toc173875910)

[3.3 Conclusion and Remarks 7](#_Toc173875911)

[4. Conclusion 8](#_Toc173875912)

[4.1 Summary 8](#_Toc173875913)

[4.2 Future work 8](#_Toc173875914)

[4.2.1 Plan of Implementation in FYP-II 8](#_Toc173875915)

[4.2.2 Potential extensions of the Project 8](#_Toc173875916)

[References 9](#_Toc173875917)

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# Abstract

# Introduction

{Opening text: general statements about the field of the project.}

## Motivation

{Why this project is needed? Mainly two questions:

1. What is the current situation regarding the problem of the project?

2. Is there any existing solution (technology, approach)?}

## Problem Statement and Proposed Solution

{Problem description of your project.}

### Objective(s)

{What are you planning to achieve in the project?}

### Solution

{How do you plan on solving the problem to realize the objective(s) of the project?}

## Project Description

{Talk about the project, what are the main requirements of the project?}

## Benefits

{1. What does this project aim to do?

2. What are the benefits of the solution you propose (save power, reduce pollution, others…)?}

## Limitations

{What are the things you will not be able to do in this project?}

## Organization of the Report

{This report is organized as follows. Section 2 describes … Section 3 describes …

Section 4 ….}

# Literature Review

{Brief introduction: a description of the project and the area it belongs.}

In this section, we review the main works related to our project and summarize the findings in each work. At the end of this section, we conclude and outline the main differences between our work and the reviewed works.

## Title of Work 1 [reference]

{Few lines about the above work. You might include cited figures as well.}

## Title of Work 2 [ ]

{Few lines about the above work. You might include cited figures as well.}

## Title of Work 3 [ ]

{Few lines about the above work. You might include cited figures as well.}

…………………

## Conclusion

Summary of all the work and conclusion to implement the proposed solution which might be a combination of the reviewed works, and it might be something new. In any case, you always need to use proper references

# Design of (the Proposed Solution)

##  Problem Statement and Proposed Solution

## Design of the Solution

## Block Diagram

{Each diagram should come with explanation.}

## Workflow Diagram

## Flow Chart or State Diagram

## Main Resources Needed {on the block level}

## Conclusion and Remarks

# Conclusion

## Summary

## Future work

### Plan of Implementation in FYP-II

### Potential extensions of the Project

# References

1. Alper Sen and Vijay K .Garg, *Detecting Temporal Logic Predicates on the Happened-Before Model*, In Proceedings of the International Parallel and Distributed Processing Symposium (IPDPS), Fort Lauderdale, Florida, April 2002.

{article reference}

1. Edmund M. Clarke, et al. *Model Checking*, London: MIT Press, 1999.

{Book}

1. FLAVERS Tutorial. <http://laser.cs.umass.edu/tools/tutorial/index.html>.

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1. Henriksen, Jesper G. *Logics and Automata for Verification: Expressiveness and Decidability Issues*. Ph.D. Thesis, 273 pp., BRICS Dissertation Series, BRICS, Department of Computer Science, University of Aarhus, Denmark, 2000.

{Thesis}