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Ali Abu bin Ahmad

Bachelor of Engineering

Electrical and Electronics Engineering with Honours

2023

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ALI ABU BIN AHMAD

A dissertation submitted in partial fulfilment  
of the requirement for the degree of  
Bachelor of Engineering

Electrical and Electronics Engineering with Honours

Faculty of Engineering

2023

ACKNOWLEDGEMENT

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ABSTRACT

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ABSTRAK

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TABLE OF CONTENTS

[[Acknowledgement i](#_Toc431032315)](#_Toc86006706)

[[Abstract ii](#_Toc431032315)](#_Toc86006707)

[[Abstrak Iii](#_Toc431032315)](#_Toc86006708)

[[Table of contents iv](#_Toc431032315)](#_Toc86006709)

[[List of Tables ix](#_Toc431032315)](#_Toc86006710)

[[List of Figures x](#_Toc431032315)](#_Toc86006711)

[[List of Abbreviations xi](#_Toc431032315)](#_Toc86006712)

[[Chapter 1 INTRODUCTION 1](#_Toc431032315)](#_Toc86006713)

[[1.1 Background 1](#_Toc431032315)](#_Toc86006714)

[[1.2 Problem Statement 2](#_Toc431032315)](#_Toc86006715)

[[1.3 Objectives 3](#_Toc431032315)](#_Toc86006716)

[[1.4 Summary 3](#_Toc431032315)](#_Toc86006717)

[[Chapter 2 LITERATURE REVIEW 5](#_Toc431032315)](#_Toc86006718)

[[2.1 Overview 5](#_Toc431032315)](#_Toc86006719)

[[2.2 Related Studies 5](#_Toc431032315)](#_Toc86006720)

[[2.2.1 Study one 6](#_Toc431032315)](#_Toc86006721)

[[2.2.2 Study two 7](#_Toc431032315)](#_Toc86006722)

[[2.3 Research gap 7](#_Toc431032315)](#_Toc86006723)

[[2.4 Summary 8](#_Toc431032315)](#_Toc86006724)

[[Chapter 3 METHODOLOGY 9](#_Toc431032315)](#_Toc86006725)

[[3.1 Overview 9](#_Toc431032315)](#_Toc86006726)

[[3.2 Proposed Approach 9](#_Toc431032315)](#_Toc86006727)

[[3.2.1 General Framework 9](#_Toc431032315)](#_Toc86006728)

[[3.2.2 Method 1 10](#_Toc431032315)](#_Toc86006729)

[[3.2.3 Method 2 11](#_Toc431032315)](#_Toc86006730)

[[3.3 Experiment 11](#_Toc431032315)](#_Toc86006731)

[[3.4 Summary 12](#_Toc431032315)](#_Toc86006732)

[[Chapter 4 RESULTS AND DISCUSSION 14](#_Toc431032315)](#_Toc86006733)

[[4.1 Overview 14](#_Toc431032315)](#_Toc86006734)

[[4.2 Results 14](#_Toc431032315)](#_Toc86006735)

[[4.3 Analysis and discussion 15](#_Toc431032315)](#_Toc86006736)

[[4.4 Summary 16](#_Toc431032315)](#_Toc86006737)

[[Chapter 5 CONCLUSIONS 17](#_Toc431032315)](#_Toc86006738)

[[5.1 General Conclusions 17](#_Toc431032315)](#_Toc86006739)

[[5.2 Recommendations 18](#_Toc431032315)](#_Toc86006740)

[[REFERENCES 19](#_Toc431032315)](#_Toc86006741)

[[APPENDIX A 20](#_Toc431032315)](#_Toc86006742)

[[APPENDIX B 21](#_Toc431032315)](#_Toc86006743)

LIST OF TABLES

|  |  |
| --- | --- |
| **Table** | **Page** |

[**1.1** Example of table for performance comparison 3](#_Toc86050614)

[**2.1** Testing 8](#_Toc86050615)

[**2.2** Method comparison 8](#_Toc86050616)

LIST OF FIGURES

|  |  |
| --- | --- |
| **Figure** | **Page** |

[**1.1** First example of figure. a) left side, b) right side 1](#_Toc86007753)

[**1.2** Road environment of the dataset 2](#_Toc86007754)

[**2.1** Sea test 7](#_Toc86007755)

[**3.1** System overview 11](#_Toc86007756)

[**4.1** Simulation results. a) Dataset 1, b) dataset 2 16](#_Toc86007757)

# LIST OF ABBREVIATIONS

Notations

# INTRODUCTION

## Background

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(b)

(a)



**Figure 1.1:** First example of figure. a) left side, b) right side

## Problem Statement

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Do not forget to refer to your figure. The example for figure is shown in Figure 2.1. For example, you can add a matching cover page, header, and sidebar. Click Insert and then choose the elements you want from the different galleries. Themes and styles also help keep your document coordinated. When you click Design and choose a new Theme, the pictures, charts, and SmartArt graphics change to match your new theme. When you apply styles, your headings change to match the new theme. Save time in Word with new buttons that show up where you need them.



**Figure 1.2:** Road environment of the dataset

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## Objectives

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If you have a table, make sure do it properly. The caption must be on the top. Just use insert caption function in references tab while selecting the table. Here is an example in Table 2.1.

**Table 1.1** Example of table for performance comparison

|  |  |  |  |
| --- | --- | --- | --- |
| Method used | Performance | Cost | Efficiency |
| VISO | 80% |  |  |
| LIDAR |  |  |  |
| GPS |  |  |  |

## Summary

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# LITERATURE REVIEW

## Overview

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## Related Studies

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### Study one

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|  |  |
| --- | --- |
|  | (1) |

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### Study two

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**Figure 2.1:** Sea test

## Research gap

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**Table 2.1** Testing

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**Table 2.2** Method comparison

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ref.** | **Method** | **Description** | **Advantage** | **Disadvantage** |
| [5] | A |  |  |  |
| [6] | B |  |  |  |
| [7] | C |  |  |  |
| [8] | D |  |  |  |

## Summary

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# METHODOLOGY

## Overview

## Proposed Approach

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### General Framework

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**Figure 3.1:** System overview

### Method 1

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### Method 2

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## Experiment

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# RESULTS AND DISCUSSION

## Overview

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## Results

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(a)

(b)

**Figure 4.1:** Simulation results. a) Dataset 1, b) dataset 2

## Analysis and discussion

Video provides a powerful way to help you prove your point. When you click Online Video, you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document. To make your document look professionally produced, Word provides header, footer, cover page, and text box designs that complement each other.

For example, you can add a matching cover page, header, and sidebar. Click Insert and then choose the elements you want from the different galleries. Themes and styles also help keep your document coordinated. When you click Design and choose a new Theme, the pictures, charts, and SmartArt graphics change to match your new theme.

When you apply styles, your headings change to match the new theme. Save time in Word with new buttons that show up where you need them. To change the way a picture fits in your document, click it and a button for layout options appears next to it. When you work on a table, click where you want to add a row or a column, and then click the plus sign.

Reading is easier, too, in the new Reading view. You can collapse parts of the document and focus on the text you want. If you need to stop reading before you reach the end, Word remembers where you left off - even on another device. Video provides a powerful way to help you prove your point.

## Summary

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# CONCLUSIONS

## General Conclusions

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## Recommendations

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\*JKEE: IEEE Style\*

Appendix A

Appendix B