THESIS TITLE IN ENGLISH

NAME SURNAME

A THESIS SUBMITTED IN PARTIAL FULFILLMENT
OF THE REQUIREMENT FOR THE DEGREE OF
BACHELOR OF ENGINEERING IN ROBOTICS AND AI ENGINEERING
SCHOOL OF ENGINEERING
KING MONGKUT'S INSTITUTE OF TECHNOLOGY LADKRABANG
20XX
KMITL-20XX-EN-X-XXX-XXX
RAI EXAMPLE

ABSTRACT IN ENGLISH

A good abstract writing should focus only on the key and interesting aspects of the research. It should emphasize the specific highlights of the research, with the research work being clear, concise, and meeting certain criteria for a good abstract. For example, the word count should be between 200-250 words, or approximately no more than half of an A4 page. Before writing the abstract, one should read and understand their own complete research work to identify various interesting points that can engage general readers, making them want to read the full research. There should be no interpretation or criticism using personal opinions. Complex or aggressive language should be avoided. Local jargon, unnecessary abbreviations, or symbols should not be used as they may lead to misunderstanding. There should be no numerical references, diagrams, tables, various statistical formulas, or equations in the abstract, unless necessary to display analytical results. The abstract may have multiple paragraphs to enhance reader comprehension in each section. Avoid referencing the research work of others in the abstract. The structure of the abstract should also be carefully considered, including font type, font size, page margin, printing standards, and an acceptable format. Proofreading the writing by reading it multiple times will improve the quality of the abstract, making it acceptable for research presentations.

Acknowledgement

Acknowledgement refers to an announcement of appreciation for virtue. It specifically acknowledges the goodness of individuals who provided assistance leading to the successful completion of research, a thesis, or an academic report. During the process of conducting research, a thesis, or academic work, individuals may receive assistance, guidance, or support that contributes to the successful completion of the task. In recognition of this aid and in gratitude, individuals express their appreciation by writing a Certificate of Appreciation, which is included at the beginning of the research, thesis, or academic work. This serves to demonstrate satisfaction and heartfelt gratitude for the goodness of those who assisted. In essence, a Certificate of Appreciation is a declaration of gratitude.

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CHAPTER 1

INTRODUCTION

1.1 SIGNIFICANCE OF A THESIS

A thesis is a continuous presentation of a study or research undertaken by students or researchers. Research or study at the graduate level differs significantly from undergraduate study because it involves in-depth exploration, problem identification, and a well-defined problem-solving process. It presents reasoned theories, analysis, and logically sound critiques from various perspectives. Therefore, a thesis is a written work or literature that must be studied, referenced, or further researched by subsequent students or researchers. A good thesis should have the following characteristics:

1. It should address a specific research question or problem.

2. It should demonstrate a thorough understanding of the relevant literature.

3. It should employ appropriate research methodologies.

4. It should present original findings or contributions to the field.

5. It should be well-organized and clearly written.

1.2 THE IMPORTANCE OF THE THESIS PRESENTATION PROCESS

The sequence of steps in presenting or writing a thesis is of paramount importance for the understanding of the readers, whether they are the thesis examiners themselves or individuals who will use the thesis for research or reference in subsequent ranks. The central content of the thesis should ideally consist of three main subsections: the introduction, the main content section, and the conclusion.

1.3 Scope and Limitations of the Project

...

1.4 Methodology Used in the Project

...

1.5   Project Implementation Plan

…

1.6   Benefits Derived from the Research

…

1.7   Capstone Design Details

1.7.1   APPLICATION OF KNOWLEDGE AND SKILLS FROM PREVIOUS COURSES

1.7.2   DESIGN OF A SYSTEM, PROCESS, OR COMPONENT/DEVICE

1.7.3   COMPLIANCE WITH INDUSTRIAL STANDARDS

1.7.4   DESIGN CONSTRAINTS

1.7.5   TEAMWORK, REPORT PREPARATION, AND ORAL PRESENTATION

CHAPTER 2

Related Theories

This chapter reviews the literature and theoretical frameworks relevant to the study.

CHAPTER 3

Design and Construction

Details on the system/component design and how it was built or modeled.

CHAPTER 4

Experimentation and Results

This chapter presents the data, analysis, and findings from the experiment or simulation.

CHAPTER 5

Conclusion

Summarizes the study, discusses results, and offers suggestions for future work.

[1]

Bibliography

[1] Xuechen Zhang, Zhengmin Wu, Chengmao Cao, Kun Luo, Kuan Qin, Yangyang Huang, and Jie Cao. Design and operation of a deep-learning-based fresh tea-leaf sorting robot. *Computers and Electronics in Agriculture*, 206:107664, 2023.

APPENDIX A

Appendix Title

Additional material here.