

**UNIVERSITI TEKNOLOGI MARA**

**MULTI FUNCTION IRON BOARD**

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## **ABSTRACT**

This study is intended to provide an overview of product development for unique goods that will be developed, manufactured, and fabricated for a specific market and industry. My objective is to produce an iron board that supports an environmentally friendly function by allowing people to utilize a multifunction iron board that includes mirrors, placeholder for iron with security lock, and a night light. My product has transformed the existence of iron boards into new features and design alterations that may meet the needs of Malaysians. As a result, my goals are to discover solutions to difficulties and to present people with a better form of furniture that can address modern-day issues.

## **ACKNOWLEDGEMENT**

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# TABLE OF CONTENTS

	<b>Page</b>
<b>CONFIRMATION BY SUPERVISOR</b>	<b>ii</b>
<b>AUTHOR'S DECLARATION</b>	<b>iii</b>
<b>ABSTRACT</b>	<b>iv</b>
<b>ACKNOWLEDGEMENT</b>	<b>v</b>
<b>TABLE OF CONTENTS</b>	<b>vi</b>
<b>LIST OF TABLES</b>	<b>viii</b>
<b>LIST OF FIGURES</b>	<b>ix</b>
<b>LIST OF ABBREVIATIONS</b>	<b>x</b>
<b>CHAPTER ONE : INTRODUCTION</b>	<b>1</b>
1.1 Background of Study	1
1.2 Problem Statement	1
1.3 Objectives	2
1.4 Scope of Study	2
1.5 Significance of Study	2
<b>CHAPTER TWO : LITERATURE REVIEW</b>	<b>3</b>
2.1 Benchmarking/Comparison with Available Products	3
2.2 Related Manufacturing Process	4
2.3 Sustainability/Ergonomic Related Items	5
2.4 Patent and Intellectual Properties	5
2.5 Summary of Literature	6
<b>CHAPTER THREE : METHODOLOGY</b>	<b>7</b>
3.1 Overall Process Flow	7
3.2 Detail Drawing	9
3.3 Engineering Calculation and Analysis	19
3.4 Bill of Materials	22

# CHAPTER ONE

## INTRODUCTION

### 1.1 Background of Study

Sarah Boone, an African American woman, invented the shape of an ironing board in 1892, and is credited as the inventor of current folding ironing boards with thin, curved designs that are built for the convenience of metal shirts. Of course, the name "iron" refers to the heavy cast iron tools used to press garments, which are normally heated in a fireplace or on a wood or charcoal burner [1].

Naturally, the advancement of the ironing board coincides with the advancement of iron, which has evolved into electrical energy and greater light. By 1940, manufacturers began creating all-metal folding set boards with legs tubes, and the set board's fundamental design has not altered much since then.

Ironing boards are a household item that is no stranger to every society nowadays. These items are very important to have in every home so that every garment that will be worn is always in a beautiful and tidy condition without any clutter. But in this modern age, all things need to be simple and have more than one function in one item. With a mindset towards progress, I have innovated this iron board by making it many uses for consumers by having only one item by added a mirror with night lamp and make a placeholder for iron safer with security lock.

### 1.2 Problem Statement

Based on surveys that have been done, this household item has a bit of a problem if it is in our house. Which is, this iron boarding need space in a room for its functional[2]. So, to overcome it this iron board can be an ornament at the same time, with the presence of a mirror that helps us when getting ready or wearing clothes.

Secondly, these household items are also less desirable to be seen directly. So, with that, this iron board has been upgraded by placing attractive mirrors and night