

UNIVERSITI TEKNOLOGI MARA

**DESIGN AND FABRICATION OF
IRON BOARD**

FARIS DANIAL BIN FAIRUZ

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ABSTRACT

Most houses, especially apartments, hostels and flats, have narrow space to store items especially clothes, hangers and ironing boards. Usually most consumers, especially housewives, have to take clothes that have been hanged to be ironed. This is very time consuming in carrying out the job, so with the hanger placed along the ironing board it can make it easier for them. Thus, in equipping the the clothes hanger that combined with iron board, it can reduce their load as well as make users more fun in ironing clothes. The main purpose of this project is to save the use of space in the house and ease the burden of users. As can be seen most of the existing ironing boards are now less helpful to the user and their use is also very limited. Thus, with the success of this project, users are no longer have to shake their heads when ironing clothes.

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CHAPTER ONE

INTRODUCTION

1.1 Background of Study

There are now many types of iron boards with different designs. Iron board is very important for use to smooth the surface of wrinkled clothes. Although the primary purpose of an ironing board is to keep clothes wrinkle-free, it also has multiple uses, which comes in handy in smaller living spaces. Using an ironing board and a hot iron is still the most common way to press clothes [1]. An ironing board may be built into kitchen cabinetry or it may be a stand-alone item, but its design and function are still very much the same. This project not only for ironing clothes but there are various uses that have been added that are very suitable for use for dormitory students and housewives [1].

1.2 Problem Statement

Based on the survey, dormitory students who have difficulty taking and put the item in a high place like that item placed on top of the locker, and also no iron facility board is provided for students to iron clothes. Iron board usually requires a lot of space. So the product this is designed as a combination of tool convenience so as to be able to simplify the process of its use [1].

In addition, the existing iron board only works for ironing shirts only, when the use of iron board and clothes hangers are combined then their use can be added and not just limited to ironing work only. The use of time taken to iron clothes can also be reduced [1].