



اَوْبُو سَيِّدِي تَيْكُونُو لُو كِي مَارَا  
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CAWANGAN TERENGGANU**

**MEC 299**

**MULTI-PURPOSE COFFEE TABLE**

**ANNISSA NABILA FARHANA BINTI ASMARAH  
2020894198**

**SUPERVISOR:  
NORHASHIDAH BINTI MANAP**

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## ABSTRACT

A coffee table is an essential piece of furniture in modern homes. They are intended to hold beverages, remote controls, storage, displays, and etc. However, not every coffee table saves space and easy to store. Nowadays, students and children frequently use coffee tables as study tables because they prefer to study in the living room, in front of the television. Subsequently, the coffee table serves no purpose for students and takes up too much space, particularly in small houses. The goal of this project is to design a multi-purpose coffee table that includes an extra chair, storage space, and an adjustable table surface. This table will have a height adjuster and will function as both small table and computer stand. Not only that it will help most students and children, but it saves space and organize homes. Several strategies have been applied to ensure the project's success; research coffee table, create several designs, choose the best design, and lastly, execute the fabrication process. Undoubtedly, countless problems must be overcome in order for this project to succeed; ergo, solutions must be identified beforehand. There are a few key factors that ensures the project's success; discussion with supervisor, engineer assistance and friends. To summarize, this project's success will benefit individuals and give comfort in everyday life.

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## CHAPTER ONE :

### INTRODUCTION

#### 1.1 Background of Study

One of the most common problems that people face is figuring out how to organize furniture in a house with limited space, particularly in small houses. A simple yet functional piece of furniture is designed to help with this. Furniture that assists in daily life includes chairs, sofas, and tables. Furniture can be made from a variety of woods, many of which reflect the culture of the region. Nowadays, the most common design is to provide multi-function furniture that meet the needs of each consumer. For example, a sofa bed is intended to provide additional bed space for people, particularly those who live in small apartments. Furthermore, sofas with storage space are intended to provide additional storage space for more organized homes.

Coffee table has become a standard piece of furniture all over the world. Most people's living rooms have some kind of low table in front of a sofa or upholstered chairs for comfort. It has evolved into a modern convenience for storing decor, magazines, beverages, remote controls, books, and other small items. The coffee table that so many people are familiar with and have in living rooms did not begin as the centerpiece low table that it is today. In fact, it began with tea, not coffee.

The early coffee tables made for the coffee houses did not resemble the coffee tables today. They were tall, often reach 27 inches high for example, Figure 1.1.



Figure 1.1 : Tea table in older days