

**UNIVERSITI TEKNOLOGI MARA**

**DESIGN AND FABRICATION OF  
MULTIFUNCTION LAPTOP  
COOLER**

**NADZIRUL AZIZI BIN NORIZAM**

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## **ABSTRACT**

Introduction to device that call laptop cooler or cooling pad. A laptop/notebook cooler, cooling pad, cooler pad or chill mat is an accessory for laptop computers that helps reduce their operating temperature, which is normally used when the laptop is unable to sufficiently cool itself. The project is chosen because of the problem that people keep facing daily. A major problem is in the feature of the design of the laptop pad. The objective of this work is about to determine the possibility to add feature that have been design for the laptop pad. The current design of this study is proposed for cooling the laptop temperature. The project focus to add some feature to help multiple a use for the laptop pad. It was found that many companies and engineer innovate a table of multifunction. The proposed of multifunction of the laptop pad is to ease the user to develop their life. The method that used for this project was milling, cutting, and drilling.

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# CHAPTER ONE

## INTRODUCTION

### 1.1 Background of Study

A laptop or notebook cooler, cooling pad, or chill mat is an accessory for laptop computers that helps reduce their operating temperature, which is normally used when the laptop is unable to sufficiently cool itself. Laptop coolers are intended to protect both the laptop from overheating and the user from suffering heat related discomfort. The laptop cooler that wanted to design was a multifunction of uses that will help the user to ease their life. Basically, the current design is made for laptop to cool down the temperature. The concept is put the laptop or the notebook on the cooling pad or laptop cooler and the fan will rotating clockwise and producing a breeze wind to cooling the heat that been produced by the laptop processor.

The statics give that the number of people using the cooler increasing year by year. This happen because the global is increasingly leading to an era of progress. Most people really need facilities to access the progress that must achieve. The hours of using laptop extremely high because of the work that must been done by it. This number will constantly increase due to the sophistication that will come.

### 1.2 Problem Statement

People eventually are having a problem with handling their stuff while using laptop with the cooler. Mostly people will put their others stuff alongside from the table, into the drawer, or keep it in the bag. This difficulty is the problem that users must face it. The space that the cooler used is big enough to make sure that there was nothing else on the side of it. People keep struggling to handle the environment while using laptop cooler because it will be messy and fibre.