CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

This chapter explained about the project objective, project background, project scope and problem statement that been conducted.

1.1 BACKGROUND

The main purpose for this project is to design and fabricate the printer table. The most common form of the printer desk is a variant of the ergonomic desk, having wheel to make the table ease to move, extra pocket space at the side of table and sufficient layer to keep printer paper or any document. This project also to developed an exist product in the market. This project also can create a creative idea and how to make the perfect design for the product and suitable for the costumers. As a Diploma student I must show the skill that I had learn since semester 1 to finish my product? It's including skills of using machine, drawing the products and others else before produce a new product. This final year project also makes me dependent and more responsibility in doing my work. In this project there are specific materials that use such as aluminium rods and sheet metal as a main material for printer table.
1.3 PROBLEM STATEMENT

There are problems that are commonly faced by the computer table users. Below the list of problems that occur such as:

- Limited space to store items.
- The height is too low to the most of user.
- Difficult to change the position of the printer table.

1.4 OBJECTIVE

The objective of the project is to design and fabricate a printer table with higher mobility and stability at a lower manufacturing cost:

- To design and fabricate a printer table that has extra feature.
- To make sure the printer table convenient to use.
- To improve the printer table that has been manufactured before by adding wheel to make sure it’s easy to move.

1.5 PROJECT SCOPE

This project is limited within the following scopes, which are:

i. Fabricate a printer table at 860mm height, 700mm length and 500mm width.
ii. Fabricate a printer table that is easy to move by using 4 wheels.
iii. 3 layer of table, so it could be keep a lot of thing.
iv. Fabricate a pocket that is 290mm height, 260mm length and 500mm width.
CHAPTER 2

LITERATURE REVIEW

2.1 INTRODUCTION

This chapter explains the review of market survey and past research effort related to printer table. Reviews of other relevant research studies are also provided. The literature has been studied on types of printer table, material usage and fabrication methods.

2.2 TYPES OF PRINTER TABLE

In the market, there are many type and design of the printer table. The famous types of the table are roller and no roller type. This roller printer table is more facilitate to the user. It is because, this table is removable. But certain people also like the no roller type. No roller type is more stable and it can't move when using the printer. So it didn't interrupt the user when used it. About the design, there are many characteristic are provided to attract the costumer to buy it.