CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The purpose of this chapter is to explain about the project background, problem statement, project objectives, project scopes, flow chart of the project as well as Gantt chart to present the flow and overall process for this project.

1.2 PROJECT BACKGROUND

At nowadays market, there are various type of mousetrap that comes in different shape and specification. A mousetrap is specially designed to trap rodents like rat and mice and are usually set indoor where there is suspected present of rodents. However a larger mousetrap can be used to trap other animals like squirrels, small rodents and other animals.

In market, there are various type of mousetraps and has its own advantages and disadvantages. The most common type of mousetrap which is the spring loaded bar mousetrap are available all over and cheap but it is not safe to human where it can wedge our fingers because the toggle can be released easily if trigger.
Electric mouse traps which are the most effective mouse trap that can kill mouse instantly but it is expensive and depends on electric power. Live catching mousetrap which can works over and over again but it is also not safe to human being as it also can wedge our fingers accidentally. In order to solve this problem, the mouse trap that I design is considering all the current weakness. This mousetrap is safer to human and pets at home, easy to use and cheap.

1.3 PROBLEM STATEMENT

Most market products are not safe to human and pets at home for example the glue trap where pets at home might accidentally trapped in the glue trap or we will accidentally step on the glue trap. Some can be only use once and most of them can only catch up to one mouse. This can be an inconvenience if you have more than one mouse to be catch where you have to set your mousetrap over and over again. This can also be a problem if you are going to leave your house for days and your house is always being intruded by mouse. If you use alternative method for example a cat it will not only catch the mouse but will simply throw the dead mouse. This condition is not only will give out stinky smell but create a problem to our health as well.

1.4 OBJECTIVE

1. To improve product in the market to catch more than one mouse
2. To create a safe mousetrap for human and pets at home

1.5 SCOPE

1. The mousetrap is easy to use and not complicated
2. The mousetrap can be use oftenly
3. The mousetrap has no any poisonous or harmful substance use
4. The mousetrap will not injure the user
1.6 PROJECT FLOW CHART

Figure 1.1 and figure 1.2 shows the project flow chart and gantt chart which indicates the overall flow in conducting out this project.

![Project Flow Chart]

**Figure 1.1**: Project flow chart