CHAPTER 1

INTRODUCTION

1.0 Introduction

For this chapter, it is about discussion of the problem background, problem statement, objective of the project and lastly scope of the project.

1.1 Project Background

ASTRO ALL ASIA NETWORKS plc (ASTRO) is Malaysia’s leading cross-media group with significant presence in DTH (Direct-To-Home) TV services. Portable astro receiver is a mobile transmitter path from one place to another. It can reduce the human burden in their daily lives. This device is usually used by malaysian people, where the astro provide facilities to its users, it also difficult to be removed, to be stored and carried anywhere. This device have own advantages and disadvantages.

So this project is to fabricate simple portable Astro receiver stand, the existing stand Astro not moveable and potable. So this project is about fabrication of simple portable Astro receiver. This stand is lightweight and easy to set up. The system can be field assembled by two people in few minutes. This astro stand also can be installed at high or lower place.
1.2 PROBLEM STATEMENT

Most Malaysian usually subscribe Astro to watch television. However, most Astro stand are difficult to carry and not portable.

1.3 OBJECTIVES

The main objectives of this project is to design and manufacture a simple portable Astro receiver stand by using mechanical skills.

1.4 SCOPE

i. Can use at lower or higher place.
ii. Can be used outside or inside the house.
iii. Easy to store and adjustable.
iv. Provided with clamps.
1.5 FLOW CHART

A flow chart, or flow diagram, is a graphical representation of a process or system that details the sequencing of steps required to create output.

![Flow Chart Diagram]

Figure 1.1: Flow Chart