**Chapter Four**

**System Design**

# 4.1 Introduction

We will explain the application of the design which include project hardware, and we will end the chapter with the conclusion.

# 4.2 System design

Figure 4.1 plane first sketch

First design view with app solid work to assembly the helicopter on computer.

Figure 4.2 blades sketch

Second design view with app solid work to assembly the blade on computer.

Figure 4.3 final Horizontal view of helicopter

Third design view with app solid work to assembly the full helicopter on computer.

Figure 4.4 final vertical view of helicopter

Last design view with app solid work to assembly the full helicopter on computer.

Figure 4.5 sketch of helicopter

Sketch of helicopter designed from the factory from japan.

## Figure 4.6 final view of helicopter

## Figure 4.7 Design of controlling system