**INTRODUCTION**

This chapter is an overview of the research. It gives guideline start to the readers to understand what the research is all about. The problem statement, objectives, scope are explained detail in this chapter.

**1.1** **Overview**

The system named as “Futsal Court Management System”. It is divided to the two main services which are to support online management system and to give confirmation message to the customer.

Nowadays, futsal has become one of the major sports in many country. It is being one of the favorite sports among teenagers, adult and kids, including mans and woman. That is why we can see a lot of futsal court has been opened everywhere. As in ABC Futsal Club, many other futsal courts today still use the manual booking system. This system is quite unfriendly to the user. By using the current system, users need to call or come to the futsal club by themselves to check the availability and to book the court which is wasting their time if the court is not available. Sometimes, there are happens the clashing when the booking data is not organized nicely. The booking data of the current system will be stored manually and it has a high probability that the data might lose or broken. Besides that, there are still so many lackage of using the current booking system. The other problem is the management of court resources and staffs. Though the number of staffs and resources are not as big as other company, but, they are still need to be organized systematically since the staffs need to work until 6 A.M every day. That is why, the system is need to be replaced with a new system which is more systematic and user friendly.

**PROBLEM STATEMENT**

One of major problems related to the futsal court is about their booking service. Besides that, the management services also need to be conducted efficiently.

1. Most of people today having a busy lifestyle. Time is becoming one of the priceless thing.They have no much time to do such a complicated job for no result. However, basically, the people or person must come to the Futsal Court to book court and other resources. And what if at the same time, all of the court has fully booked. For sure, they are just wasting their time.

2. The owner also keeps or records their booking data in a log book. The chance and probability the data might lose are high. Another problem that occur are when the team want to booking the futsal court, there are always happens the clashing between another teams. This scenario happens because the manual system does not have a proper management to handle it.

3. Besides that, most of the futsal court is open for night and day. That means their worker needs to work in shift. And it is quite complicated to manage their staffs manually. That is why the futsal court management need a system which can arrange the schedule automatically. Based on the problems that occur, this project will give beneficial to the owner of Futsal Court or the people in order to make a management more efficient and follow up with the technology using nowadays. This system also will make the organization became so easy and faster.

**1.2** **OBJECTIVES**

The main aim of this project is to design, develop a system which would assist the people who love to play futsal and futsal court owner. The overall objectives of the project are:

1. To develop a web-based system of futsal court booking that will integrate with the GSM modem.

2. To give confirmation message to the customer to approve booking.

3. To saved or record all booking data information in a database system which is more secure.

**1.3 SCOPE**

The system is developed for the several different scopes.

1. Customer – Enable customers booking court and other resources by using online system.

2. Staffs – Edit equipments and all court’s management by using online system.

3. Database – To store all the booking data securely.