

CHAPTER 1

INTRODUCTION

1.1 Background

The development of technology and system is very widely used by humans at this time, where technology and system are very useful and help humans in carrying out activities of daily life. The technology and system has been developed in life at this time in accordance with its use, one example is a system that is almost the same as TIX or XXI which is well-known today in technological development in an effort to make it easier for the customer not to go to a bench or booking a place, but in the case of a booking system on a badminton court it has not been used because it still has to come directly to the place of booking for badminton court and for the order stage is still manually irregular and does not yet know the field schedule that has been booked or has not been booked.

By using the First Come First Serve (FCFS) method, the above problems can be solved because this method is a scheduling sorting method that work sequentially by sorting the first order will be placed at the top and so on until sorting the last order data so that the order in the first part will processed first so that the next buyer can not handle the schedule that has been booked before. Using the First Come First Serve method also helps the buyer to find out the schedule and time of booking for the badminton court, making it easier to find out the schedule for booking available on the badminton court that is going to booked.

In the above problems, a system of online court booking is made which makes the user or customer not have to bother to go to the location to book a court. In this system it also uses FCFS method, which is a very simple scheduling to determine the time or schedule.

1.2 Scope

Based on the background of the problem above, there are several points of explanation as follows :

1. How to determine the badminton court reservation system using FCFS method?
2. What is the success rate for a badminton court reservation using the FCFS method?

1.3 Objective

The purpose of making this reservation system is to facilitate court booking or booking badminton courts online by used method FCFS scheduling where processing the first incoming data will be processed first .

