

CHAPTER 4

ANALYSIS AND DESIGN

4.1 Analysis

The data analysis includes several steps in the project, which consist of creating a database table, login view, registration view, order view and a description of the scheme or process flow with a flow chart description.

4.2 Creating Database Tables

The data this project uses MySQL as the database storage library. The database on this project has two tables, namely the user table and order table can be seen in the picture below:



Illustration 4.1: Database Tables

4.3 Creating Display Login

Create a login display using the HTML programming language for display and PHP for the function. Creating a login display for the login function that is used for users entering the badminton court reservation.

4.4 Creating Display Registration

Make the registration display also use the HTML programming language for registration display and PHP function for storing or inserting data in the database.

4.5 Making Order View

Make a display of the display order using the PHP function to retrieve data from the database and retrieved it in the display sequence in that form of tables so that users can know the schedule that has been and has not been booked.

4.6 Flow Chart Design

The flow of the flow chart above starts from the registration function for registration, after registering the inputted data will enter the database, if it fails it must re-register and if successful it will go to the login page. The login function is to enter the order page and the user can order the court, if the order fails it will be diverted to re-order and if successful the order data will be stored in the database.

The image below is the Flow Chart of the System Reservation Badminton

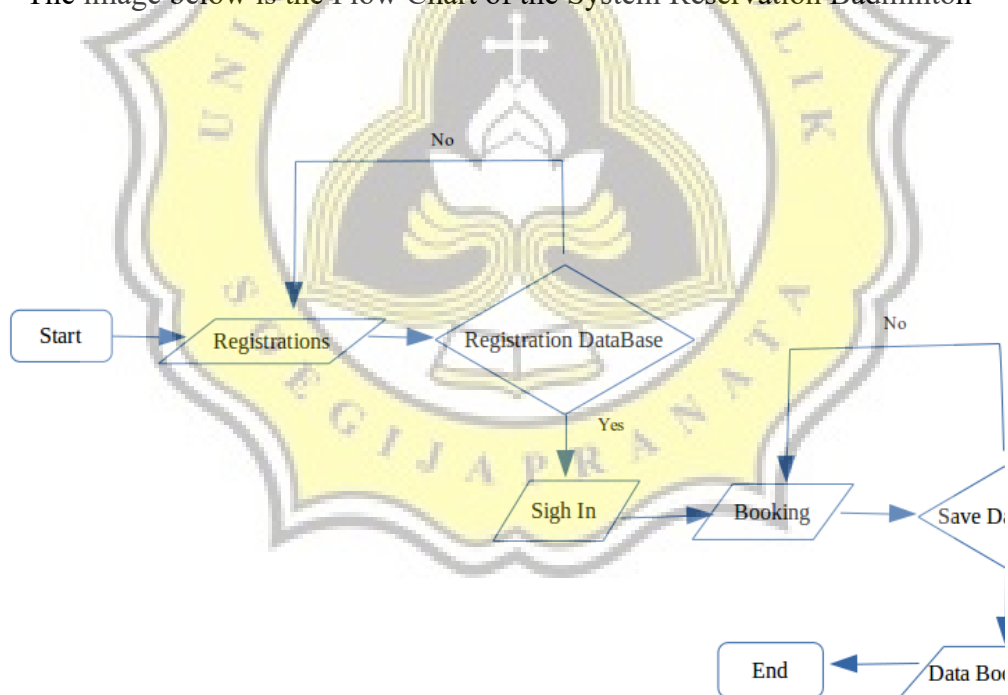


Illustration 4.2: Flow Chart