CHAPTER I

INTRODUCTION

1.1 Background

A choir is an organized group of singers, typically one that takes part in church services or performs regularly in public. Bontang City Choir is a place for Bontang citizens especially its young generation who have passion in the art of singing. The choir was once established based on the idea of giving its predecessor group, Gema Taman Khatulistiwa Choir which consists of adult members a new generation of younger singers. Bontang City Choir is owned by the Bontang city government, and is already well known within government officials, as the choir was often invited in governmental events, either the public events or government officers private events.

Both Gema Taman Khatulistiwa choir (currently disbanded) and Bontang City Choir are well-experienced in some events organized by the Bontang City Government and East Kalimantan regions government. Because its frequent relations, the group is well known within the government offices, but not much of the citizens know that such group exists. The choirs age range between 14-25 years, with most of them still under the school education. When some members graduate and seek higher education to other cities, Bontang City Choir needs to held an audition to recruit new members, and therefore, the wider acknowledgement from society is very important. The designed website will help

as a bridge of information between Bontang City Choir officials to the citizens or anyone who is also seeking any related information.

1.2 Problem Statements

Based on said background, the problem statements for this thesis is, "How to build a website as a media information for Bontang City Choir?"

1.3 Problem Limitations

The problem limitations are as listed:

1. Organizational profile of Bontang City Choir, including history, achievements, list of members, and previous generations of members, brief profiles for each members, organization staff, events, recent activity, and news about the coming auditions.

2. Easy, responsive, up to date information for Bontang City citizens, and for the coral music art enthusiasts.

3. This website will display profile, gallery, events, achievements, history, and up to date announcements about Bontang City Choir recent activity.

1.4 Research objective and Benefits

The objective of this research is, to make a responsive and simple media wensite for Bontang City Choir.

The benefit(s) of this research are as follows:

1. To be a portal for society to know that Bontang City is preserving the traditional cultures and field of art.

2. As an information media about events and auditions held by Bontang City Choir.

1.5   Research Methods

1.5.1   Data Collecting Methods

Data collecting methods used in this research are:

1.   Observational Method

Writer makes direct observation as a member of organization.

2.   Interview Method

Writer planned an interview with coach and staffs who manage the organization.

3.   Literature

Writer acquired datas from books and related documents.

1.5.2   System Analysis

System analysis, is a method to analyze data obtained by research to process into ready to use application program. The system analysis method that will be used in this research is PIECES, which is an acronym for Performance, Information, Economy, Control, Efficiency, and Services. In addition of PIECES system analysis method, there will be an analysis to determine system requirements. Said methods can be enhanced by examining system and organizational documentation to discover more details about current the system.

This analysis will use a formal system and informal system. Formal system is the official way a system works as described in organizational documentation, while informal system is the way a system actually works when it is implemented.

1.5.3   System Design

System design is a method to design the system, based on the result of data analysis. In this phase, there will be deeper analysis through flowchart and data flow diagram using the Relationship Diagram of ERD. ERD is a logic representation of data acquired from an organization or one business area. Entity relationship diagram will present a set of entity along with its relations in a structural drawn pattern as a diagram.

1.5.4 System Development

Generally, there are 3 steps used to develop the system:

1. Building the database layout
2. Building the interface design
3. Connect the database to the interface forms

In this research, there will also be a detailed explanation of the system development steps in a linear sequential design process of Waterfall Model.

1.5.5 System Implementation

System implementation is the result of system design which is going to be implemented in a real program to operate.

1.5.6 System Testing

System testing is a test to see, whether a system is decent enough to be presented based on the implementation steps result through the White Box and Black Box testing method.

1.6 Research Systematics

This thesis was arranged systematically to 5 chapters. Each describes as following:

Chapter I Introduction, contains background, problem statements, problem limitations, research objectives, research benefits, research methods, and research systematics.

Chapter II Theoretical Framework, theoretical framework is an elaboration of theories that supports the main title and base the study in details related to the thesis.

Chapter III Analysis and Design, contains general review that will elaborate analysis of the study case. Comprising problems in the current system, result analysis, requirement analysis towards the proposed system and proposed systems advisability analysis.

Chapter IV Result and Discussion, this chapter will describe the results of each thesis stage, from testing, until the implementation, in a theoretical explanations.

Chapter V Conclusions, contains conclusion and recommendation about the whole study based on the result.