

CHAPTER I

INTRODUCTION

1.1 Background

The cafe in general is the place to order (drinks) coffee, but as time passes the cafe became a hangout not just order coffee, but also there are other menu such as a low alcoholic drinks and fast food is also available. This makes the cafe into a place not only coffee lovers who come but non-coffee lovers can also visit and enjoy the atmosphere of the cafe.

The availability of a variety of menus in cafes make the cafe is always crowded and become a favorite place for everyone. This becomes a problem for the cafe that does not have a digital system, because it must be recorded manually every time there is a transaction that causes the transaction process less efficient, because they have to write the same information repeatedly.

The use of digital technology and E-Commerce the cafe aims to speed up the transaction process and provide added value to the cafe itself, to improve performance and better quality. It is always a major problem in the cafes are still using manual systems. One of them is the Cafe Konco are addressed in the West Field Complex Kesatrian Kodim, Wonosari Gunung Kidul, Yogyakarta. Cafe Konco one mini cafes in Wonosari, where the cafe is more focused on the manufacture of coffee and chocolate.

With the use of digital and e-commerce at the cafe can greatly assist the cafe improve service as well as a media campaign to introduce and market the

product. To the authors propose the title "Analysis and Design of Web-Based Information System of Food Ordering and Table Booking on Café Konco" that can help the problems for the cafe and also for customers.

1.2 Identification of Problems

Based on the background of the problems mentioned above, we can conclude that the system is used at the cafe still manually, by noting each time the transaction process occur.

1.3 Scope of Problem and Problem Formulation

1.3.1 Scope of problem

In order for this research is more focused then made boundary problem for this study, namely:

1. This application is only made for the Cafe Konco.
2. In this application the data inputting menu can only be accessed by employees of the cafe.
3. For transactions, performed directly in place (cashier).
4. This application was created using XAMPP application, Google Chrome, Notepad ++, Windows 7 and using PHP, HTML ..

1.3.2 Problem Formulation

Based exposure limits above problems, the formulation of the problem in this paper is how to do the "Analysis and Design of Web-Based Information System of Food Ordering and Table Booking on Café Konco?".

1.4 Purpose and Objective

The purpose and objectives of the study Analysis and Design of Web-Based Information System of Food Ordering and Table Booking on Café Konco, are :

1. This study is as a requirement for graduation in UNIVERSITY of AMIKOM YOGYAKARTA.
2. To create a website on a Cafe Konco by adding a digital touch the booking process on the cafe menu.

1.5 Research Methods

In this case use a variety of methods of doing research, the methods used are:

1.5.1 Method of Collecting Data

1.5.1.1 Methods Interviews

Conduct interviews related to the cafe, to ask some questions required in this study.

1.5.1.2 Methods of Observation

Directly analyzing the object of research to get the data and information that will be used as research material.

1.5.1.3 Methods of Questionnaire

Providing questions or statements related to the cafe which has been running the system structure.

1.5.2 Analysis Method

For analytical methods used in this research is SWOT analysis, to determine the strengths, weaknesses, opportunities and threats in the conduct of this study.

1.5.3 Design Method

1.5.3.1 Flowchart

This section is described in a chart with specific symbols that describe in detail the process sequence and the relationship between a process (instruction) with other processes within the program.

1.5.3.2 Modeling Process

In the modeling process in this study using Data Flow Diagrams (DFD) to display the model of a visual display that illustrates the flow of data and information in a system.

1.5.3.3 Data Modeling

In data modeling methods in this study using the Entity Relationship Diagram (ERD) to describe the relationship of each entity and attributes associated with the system based on the object owning the relations between relations.

1.5.4 Methods Development

In the development method used several steps to complete this research, including:

1. Determining Software

Determine what software is used in the manufacture of the system.

2. Database Design

Make a list of entities and attributes that are connected to the system which then created a model to explain the relationships between tables in the database based on the data object of research that has the relationship between the relationship.

3. Logical Design Stages

Logical design phases describe the process of what data is entered into the system and process any kind of information that will be issued system.

1.6 Writing System

PART I INTRODUCTION

In this chapter describes the background, problem formulation, problem definition, purpose and objective of the study, research methods and systematic writing.

PART II THEORETICAL BASIS

In Chapter II describes the foundation of the theories used in the conduct of research, such as information systems,

web programming language that is used and the technology used.

PART III ANALYSIS AND DESIGN

Part III explains the overview of the research object, and also discusses the system analysis using SWOT analysis.

PART IV IMPLEMENTATION AND DISCUSSION

In Chapter IV will be explained about the process of implementing a system consisting of a data processing system, Flowchart, DFD, normalization, database design and testing on the system to be created.

PART V DISCUSSION

In Chapter V will be described on the conclusions, criticisms and suggestions and also the execution of all research activities conducted.