WEB-BASED INFORMATION SYSTEM DESIGN OF SATE CILEBUT STORE

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Abstract

Selling is a concerted effort to develop a strategic plan aimed at satisfying the needs and buyer desires to generate profitable sales. With the development of information and communication technology, the authors propose designing a web-based kedai sate information system, a system that can produce information accurately, efficiently, on time, and relevant and can be linked between admin, finance, and warehouse to improve in each area performance. The design of this information system is expected to be able to promote via the internet and administrators can process data on purchases and sales so that the data reporting system can be found easily, quickly, and accurately.

Keywords: Selling, Information Of Teknologi, Internet, Administrator.

INTRODUCTION

In the current era of globalization, people need everything instant but efficient, therefore people need technology that can facilitate all their activities. For example, to support the performance of a company that increasingly requires performance optimization, one example is a program that can make work faster but more efficient.

The programs that are currently needed in the community from the simple to the top level, an example of a program that is often used is an application that can be used to simplify the work process or something else. Understanding the application itself is a program that is made systematically to make it easier for the community/someone to find something in the world of work. The application itself has several types of functions, depending on the needs of the maker. Based on the background above, the problem is as follows:

1. The data processing system that is currently running is still using the manual method, so it requires extra accuracy.
2. There are often difficulties in finding the required data, so it takes a long time.
3. Technological progress is very high but absorption is still low so there is a lack of efficiency to support the performance of a company at the bottom.

This community service is limited to the creation of a Web Site for the Cilebut satay shop. According to Sidik in Arizona (2017:107) said that "Website was originally an information presentation service that used the concept of hyperlinks that made it easier for surfers (a term for computer users who browse information on the Internet) to get information by simply clicking on an object. links in the form of text or images, the information from the text or images

will be displayed in more detail (detail)". A flowchart (flowchart) is a collection of symbolic diagram notation that shows the flow of data and the sequence of operations in the system. A flowchart is an analytical technique method used to describe several aspects of an information system in a clear, concise, and logged manner.

DFD (Data Flow Diagram) is a step or method to create a system design that is oriented to the flow of data that moves to another system. DBMS (Database management system) which means database management is a system or software designed to manage a database and perform operations on data requested by many users/software designed to be able to utilize and manage large collections of data so that can perform data manipulation more easily. Entity Relationship Diagram (ERD) according to Rosa and Shalahudding (2018: 50) "ERD was developed based on set theory in mathematics. ERD is used for relational database modeling." Thus the Entity Relationship Diagram (ERD) is a model to explain the relationship between data in the database based on the correct database object. Departing from this understanding, it can be said that the existence of a research method has a very important function and becomes a guideline for doing research, to produce maximum written work.

METHOD
1. Data collection method
Methods in collecting community service data include:

a. Observation

Observations were carried out on related parties to obtain general data by direct observation and observation.

b. Interview

Conducting questions and answers with interested parties and collecting data needed to solve a problem that often occurs. As for some interview questions at the Cilebut sate shop.

c. Documentation

Documents related to the object under study, which is intended as evidence that the research was carried out at the agency, as well as books, or searches on the internet.

2. Place of Devotion
The place of service is held at the Cilebut satay shop restaurant at Graha Cilebut Cluster, Blok B No. 30 East Cilebut Village, Cilebut District, Bogor Regency.

DISCUSSION
1. Input Analysis
The input analysis contains all the data which is (input) which consists of the name, function, source, distribution, form, and data structure. The following are the names of the input documents used in the information system of the Cilebut sate shop:

a. Document name: customer data

Function   : as proof of order

Source   : customer

Distribution: from prospecting to Company Administration

Format   : data
Data structure: Id, nama, alamat, tanggal_pesan, tanggal_deadline, jenis, jumlah,no_telp.

2. Process Analysis

The process is the steps of activity or activity to complete the work. So the procedure can also be interpreted as a text that contains the steps or stages to do something that is described in certain sequences.

    a. Customers register food orders.
    b. Administration records customer data.
    c. Delivery of goods after the customer fulfills the administration.

3. Output Analysis

The document that becomes the output of the system will be further elaborated into a specification of the form of the output document in the form of a detailed explanation of the document. The output document streamed by the system consists of two documents, namely, proof of customer payment, and order data.

    a. Document name: proof of payment

Function   : as proof of payment
Source   : Customer
Purpose   : Administration
Quantity   : 1 sheet
Frequency : every order comes

    b. Document name: customer data

Source   : customer
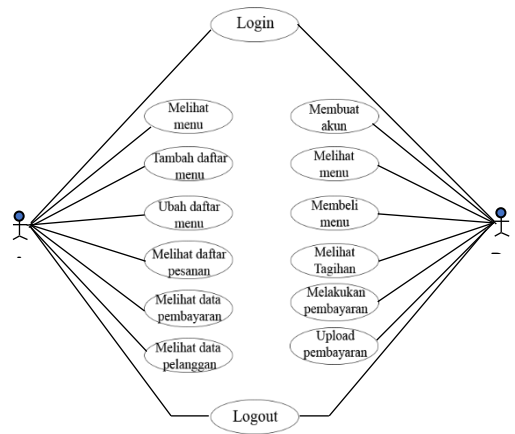Purpose   : Administration
Media   : Paper
Quantity   : 1 sheet
Frequency : every transaction payment
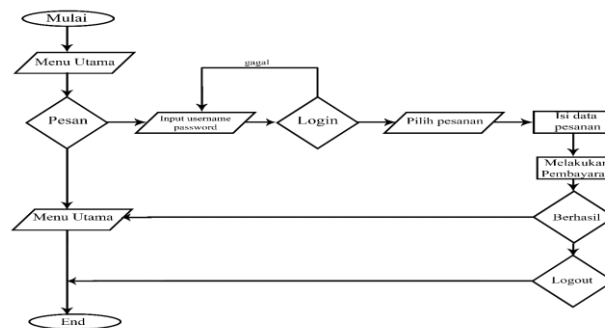
4. System Design
a. Use Case Diagrams

Use case diagram is a model to describe the system to be made. Use case is a description of the scenario and the interaction between the user and the system. A use case diagram illustrates the relationship between actors and the activities they can perform on the application.

Figure 1 Use Case Diagram

b. Flowchart

Flowcharts can help see a series of programs as a whole, process steps in detail, and complete with activities that occur.

Figure 2 Flowchart

c. System Hierarchy

Hierarchy is a tool used to understand complex problems, where the problem is described into the elements concerned, then arrange these elements hierarchically, and finally an assessment of the elements in question is carried out while determining which decisions will be taken.
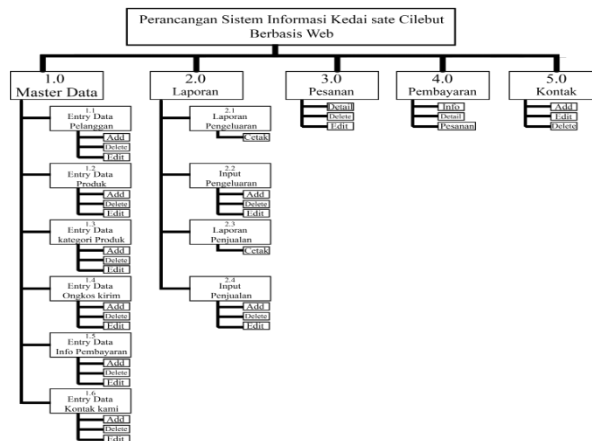
Figure 3 hierarchical system

d. Implementation

System implementation is the implementation stage and at the same time testing for the system based on the results of the analysis and design that have been carried out. At this stage, the implementation of the design results in a website-based application system for the Cilebut satay shop information system.

e. Customer main page

This customer's main page is the page that will open when the customer opens the Cilebut satay shop website. There are several menus available when on the main menu page (home).

f. Admin product data master page

CONCLUSIONS AND RECOMMENDATIONS

1. Conclusion

The research conducted by the author on the web-based Cilebut satay stall aims to simplify the performance and sales system. Based on the research conducted by the author, it can be concluded:

a. The design and available features are designed as simply as possible to be easy to operate.

b. This web-based system can help make it easier for customers/users to find information and order food at the Cilebut satay shop easily.

2. Suggestions

This application can be tested again by putting the web service and database into a server on an active web domain. So it can be used online. Add other features according to future needs, and use editor applications with the latest versions to optimize them. A security system is provided to protect the website when it is operated over the internet.

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