

## The design of a service information system at the South Sumatra grilled chicken restaurant in the city of Palembang, the website based on

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### A B S T R A C T

The development of technology is increasingly rapid, In various fields of Information Technology, it is required to be more sensitive to the state of people's lifestyles. The human need for information technology is very necessary because it helps in providing fast and precise information services. To support these information technology services, media or tools are needed, namely computers as tools used to process data according to procedures that have been formulated to simplify and speed up the completion of work. The number of companies that have been established has made sales competition tougher, every sale competing to provide the best quality with sales techniques that are not optimal.

## I. Introduction

To support these information technology services, media or tools are needed, namely computers as tools used to process data according to procedures that have been formulated to simplify and speed up completing work. The number of companies that have been established has made sales competition tighter, each sales vying to provide the best quality with sales techniques that are not optimal. Along with the development of advances in information and communication technology, business competition in the world of sales is getting tougher. The number of restaurants (stores) is increasing and continues to make efforts and strategies to maintain its business. The success of the restaurant (store) in maintaining its business cannot be separated from the role of the restaurant in processing sales so that it can meet the demands of customers as much as possible. Companies that are able to control and manage their sales well will be able to meet customer needs and of course be able to maintain business continuity in today's sales world. Grilled Chicken Sumsel JL. Captain Abdullah, Talang Powder, kec. Plaju, Palembang City is a restaurant engaged in the culinary field, therefore this accuracy aims to design an information system for sales

and merchandise inventory at the Ayam Bakar Sumsel stall in Palembang City.

## II. LITERATURE REVIEW

### 2.1. System

According to Bentley and Whitten (2019), the system is a problem-solving technique by completing small components into a unified system component back to a complete system. This technique is expected to produce a better system

### 2.2. Information System

According to Gordon B. Davis (1991) Information system is a system that accepts input or input data and instructions, processes data according to instructions and issues the results. According to Gordon B. Davis (1991) Information system is a system that accepts input or input data and instructions, processes data according to instructions and issues the results.

### 2.3. Information

According to A. Susanto (2004:34) Information is the result of data processing that provides meaning and benefits

**2.4. Point of Sale**

According to Syarifudin (2018:24). Point of Sale (POS) is a software designed to assist in making sales reports.

**III. RESEARCH METHODS**

**3.1. Research method**

Using direct observation and interview methods. The research location is at JL. Kapten Abdullah, Talang Powder, kec. Plaju, Palembang City.

**Observation**

Observation is a systematic observation and recording of the symptoms that appear on the object under study

**Interview**

Interview is a question and answer activity that occurs directly between two or more people

**3.2. Design Method**

In doing a research, of course as a writer must first arrange the steps or stages of work that the author does in the design process. The system development method refers to the Prototype model. Prototyping is a software development method that uses an approach to make designs quickly and gradually so that they can be immediately evaluated by potential users/clients.

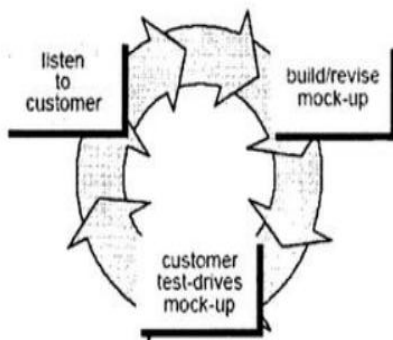


Figure 1. Stages of Prototype Development

**3.3. Flowchart**

Flowchart is a chart with certain symbols that describe the sequence of processes in detail and the relationship between a process (instructions) with other processes in a program.

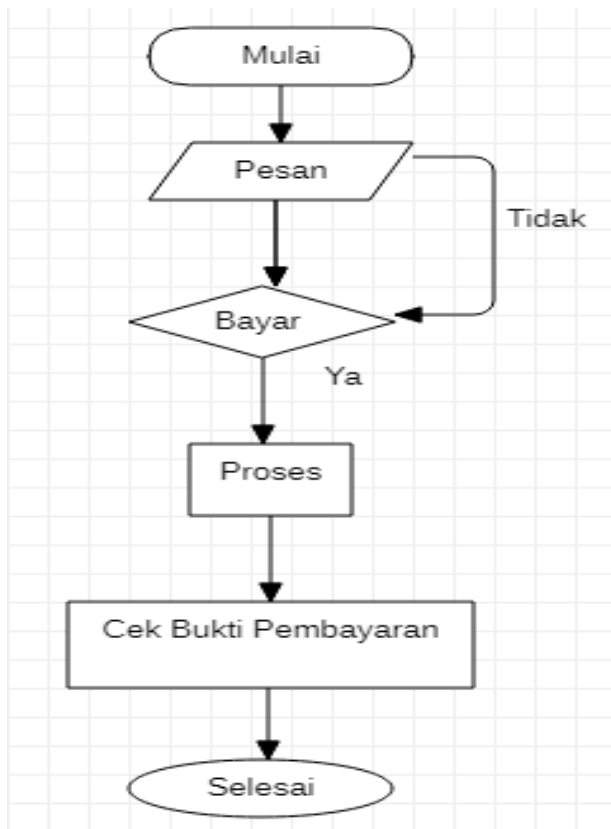


Figure 2. Flowchart of Grilled Chicken of South Sumatra

**3.4. Running System**

The description of the system running the information system for the South Sumatran Grilled Chicken Restaurant is as follows:

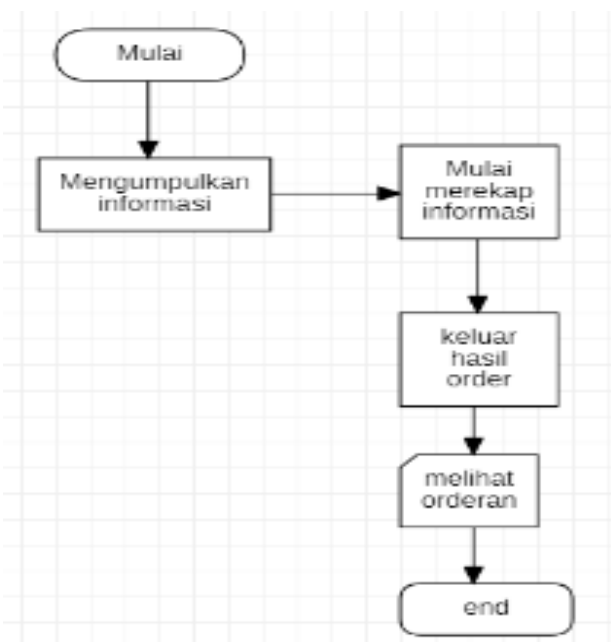


Figure 3. Running system

## IV. Results and Discussion

### 4.1. System Test

This system produces a test scenario, so that it can explain the order of the system that has been designed. Some server information system scenarios at the Ayam Bakar Sumsel restaurant are as follows.

#### Login Page Form

This login page is the first design when the system starts. This login form can be used by all users to perform several activities. When the user wants to login by entering the registered username and password first. The following is the login screen, as follows:

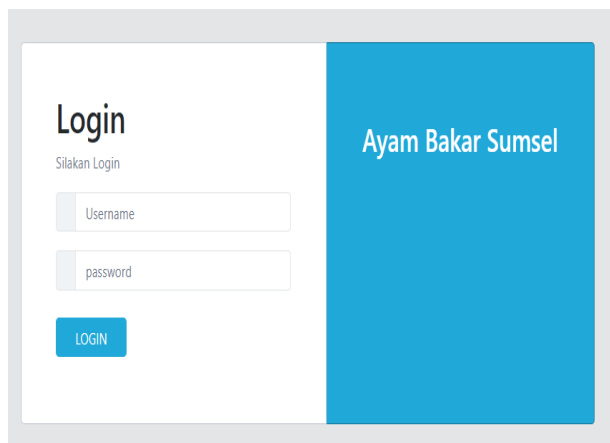


Figure 4. Form Login

#### Implementation of the logout page

On the Logout page, this is a page for all users on the system where the user can log out when finished performing activities on the system. The following is what the logout page looks like, as follows:



Figure 5. Logout Page

#### Admin Page Implementation

Admin implementation is an implementation run by the Admin. In this section, we will show a screenshot of the system that has been created and can be explained with a sour code that produces a Sales information system at the Sumsel Grilled Chicken Restaurant on JL. Kapten Abdullah, Talang Bubuk, kec. Plaju, Palembang City, the results of the implementation are as follows:

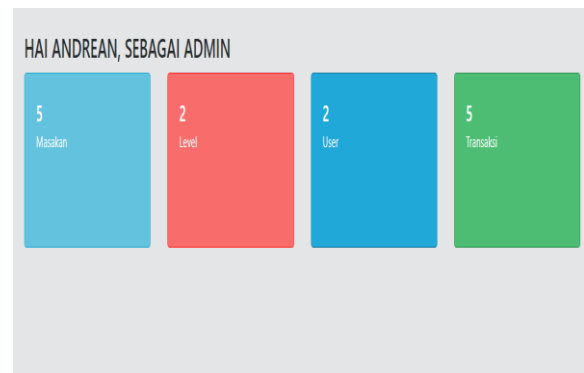


Figure 6. Figure 4.1.3 Admin Pages

#### Transaction Page Implementation

On the Transaction page, this is a display of a Purchasing page on the system, on this all inventory page it has several menus consisting of, cancel orders and print proof of orders as follows:

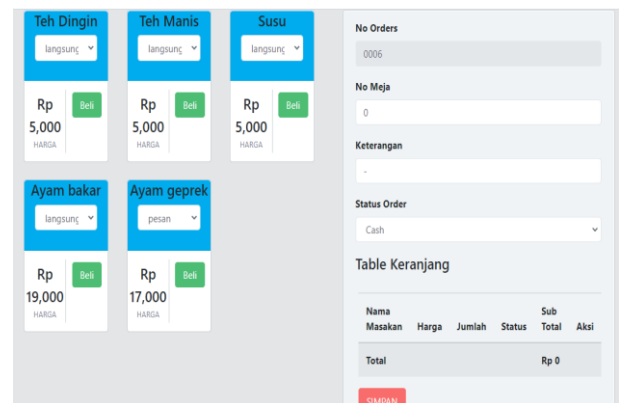


Figure 7. Transaction Page

#### Implementation of Report Pages

On this report page is a page display to view all transaction data, it can be seen in the following image:

NO	No Order	Nama User	Tanggal	Action
1	0005	andrea	Selasa,14 Desember 2021	CETAK
2	0004		Minggu,28 November 2021	CETAK
3	0003		Minggu,28 November 2021	CETAK
4	0002		Minggu,28 November 2021	CETAK
5	0001		Senin,13 Januari 2020	CETAK

Figure 8. Report Page

## V. CLOSING

### 5.1. Conclusion

In the research that has been done in the inventory information system of stock goods using the Prototype method, Ayam Bakar Sumsel Restaurant at JL. Kapten Abdullah, Talang Bubuk, kec. Plaju, Palembang City, it can be concluded as follows:

- 1) Based on the results obtained with this system can display information about sales
- 2) Based on the results of trials on this system, that the South Sumatra Grilled Chicken Resto can improve the quality of service and can make it easier for employees to manage data
- 3) Based on the results of trials on this system, that makes it easier to order food

### 5.2. Suggestions

Based on the conclusions above, some suggestions for the South Sumatra Grilled Chicken Restaurant can be put forward as follows:

- 1) This system can be developed using a mobile web system, so that Resto users are more practical and efficient.
- 2) This system can add a location point for the South Sumatra Grilled Chicken Restaurant.

### References

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