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Design of Website-Based Shoe Laundry Sales and Service Application System

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ARTICLE INFORMATION

Accepted by the Editor: 00 January 00
Final Revision: February 00, 00
Published Online: March 00, 00

KEYWORDS

Sales Information System; Website; PHP; MySQL

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A B S T R A C T

Sales information system is one of the ways to improve the quality of service in buying and selling activities via the internet, especially the quality of more detailed information about a product. Many sales businesses, especially clothing products, use sales information systems to facilitate the sales process. ShoesLab still implements a manual sales system, so the quality of service provided to customers is still lacking. This design aims to make it easier for ShoesLab to manage the transaction process, record product data, and increase sales revenue. This design and research uses the prototyping method and uses HTML and PHP programming languages and uses MySql as a database. With the design of the sales information system, it is hoped that it will make it easier for ShoesLab to carry out the sales process.

INTRODUCTION

One of the important things in human life is the need for clothing. Primary needs drive the growth of a country, therefore the desire or demand for clothing needs is very high. Fashion in Indonesia has increasingly developed by following the flow of modernization. Lifestyle is very closely related to fashion because someone will be more attractive when using it so that it can become a trend center in society. The development of domestic fashion is in a very good momentum. The number of domestic products sold makes producers improve quality and service in order to be able to compete with other big brands. The service provided is through a website or social media that is used to expand their sales market. An easily accessible website can attract many customers who will buy the product. Along with the tight competition between businesses, business people are required to be more creative in implementing strategies in marketing and selling their products. Many companies or sellers are hampered in marketing their sales products because they are left behind by the times where the majority already use web-based sales. Internet technology is needed in various business fields to facilitate marketing. [1-3].

Shoes are one of the most widely worn footwear after sandals. Shoes are used in daily activities such as school, college, and work. As footwear, shoes are very prone to dirt. Dirty shoes are more difficult to wash than clothes, people need a quick and easy solution to clean shoes. So running a shoe laundry service is the answer. Washing shoes should not be careless, especially since shoes are now expensive, most people wash shoes using detergent or laundry detergent then use tap water to rinse, this is highly discouraged even though it can be clean but has side effects on shoes, namely the color of the shoes fades, the soles of the shoes harden, and make the shoe glue peel off quickly or the soles wear out so it is highly discouraged to wash shoes at home without using special techniques, liquids and tools for shoes. However, behind

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the advancement of information technology which has now developed rapidly, until now ShoesLab does not have its own information system and still uses a manual system.[4]

SITUATION ANALYSIS

Application

Application is a ready-to-use program that can be used to run commands from the application user with the aim of getting more accurate results in accordance with the purpose of making the application, the application has the meaning of problem solving using one of the application data processing techniques that usually races on a desired or expected computation or expected data processing. The general understanding of an application is an applied tool that is specifically and integratedly functioned according to its capabilities, an application is a computer device that is ready to use for the user. So in conclusion, an application is a program in the form of software that runs on a certain system that is useful for humans that is used in various activities. level [4-6].

PHP Hypertext Processor (PHP)

PHP or PHP Hypertext Processor is a programming language that is able to design the appearance of web pages according to the programmer's wishes. The code is run by the server, if there is no server then the PHP code cannot be run. PHP can be used for web development that can be inserted into HTML and can be accessed freely [7-9].

MySQL

MySQL is defined as software that operates database relations (Relation Database Management System/RDMS). Unlike SQL (Structured Query Language) which is a programming language used for commands while MySQL is software." [10-12].

Hypertext Markup Language (HTML)

Hypertext Markup Language (HTML) is a basic language for client-side web scripting that allows to display information in the form of text, graphics, and multimedia and also to connect between web page displays (hyperlinks) [13-16].

Cascading Style Sheets (CSS)

CSS can be interpreted as a cascading sheet for web page layout format. CSS is a discovery

to help web developers who previously only relied on HTML as a markup language. HTML was initially used to mark objects on web pages such as tables, images, paragraphs, and so on [17,18].

XAMPP

XAMPP is an open source web server that runs on cross-platform operating systems (Windows, Linux, MacOS).

Everything needed to manage a website is available in XAMPP such as Apache, MySQL/MariaDB, PHP, and Perl. Even though the programs in it are complete, XAMPP remains a simple and lightweight web server [19,20].

IMPLEMENTATION METHOD

Research Object

The object of research is the problem being studied. The object of this research is how to build a laundry service application on ShoesLab. This research uses a quantitative approach and uses a descriptive method. The purpose of this study is to determine the impact of utilizing information technology, namely online websites in entrepreneurship. By utilizing this information technology, it can increase sales turnover and can help the government in preventing the spread of the corona virus. The research instrument is in the form of interviews given to selected samples.

Data Analysis Method

After collecting data, the next stage is to analyze the data that has been collected to reach a conclusion. The data analysis carried out by the author is the Descriptive Analysis Method.

The descriptive method is a method for examining the status of a group of people, an object, a set of conditions, a system of thought, or a class of events in the present. The descriptive research method aims to create a systematic, factual and accurate description, picture or painting of the facts and relationships between the problems and conditions investigated by collecting data, processing, analyzing, and implementing data into applications.

RESULTS AND DISCUSSION

Results

In developing this application, there are several problems and important factors that need to be considered.

The factors that will be analyzed are regarding the problem of how a Customer obtains

up-to-date information from ShoesLab, obtains Laundry pick-up and delivery services and obtains fast, precise and accurate transaction process services. The results of this analysis will be used as a reference in developing a web-based Laundry service application on ShoesLab.

Discussion

Initial Registration Display

The registration page display is the initial display before the home menu display. After a successful registration/login process, it will go to the main admin menu display.

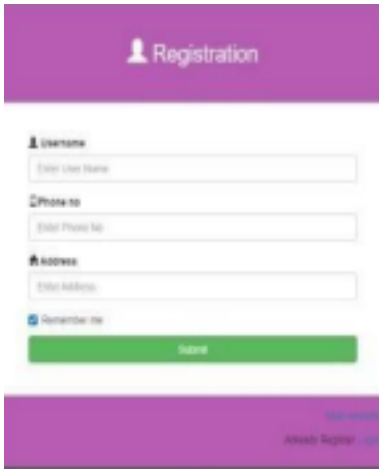


Figure 1. Registration View Example

Home View

The home view or main menu is the initial display to see the ordering menu, prices, services provided, etc.

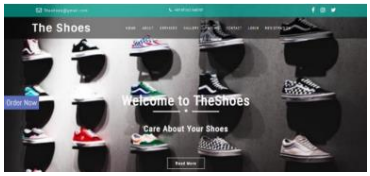


Figure 2. Home View Example

Services Menu Display

The services menu display shows what services are available at ShoesLab.

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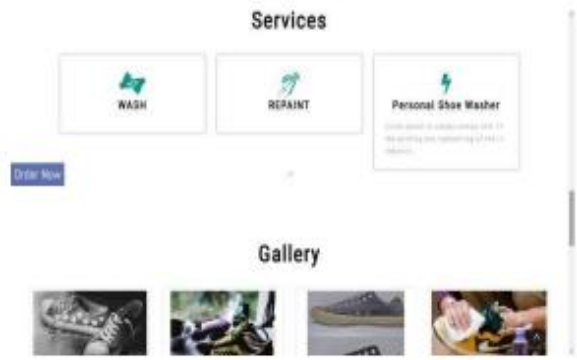


Figure 3. Example of Service Menu Display

About Us Menu Display

This menu displays an explanation of what services are provided such as washing, repaint, outsole cleaning, etc.



Figure 4. Display Example About Us

Order Menu Display

The order menu display explains the ordering procedure and payment procedure.



Figure 5. Example Order Menu Display



Figure 6. Example Order Menu Display

Contact Menu Display

Displays contacts that can be contacted such as email or mobile phone number.



Figure 7. Example Contact Menu Display

View On Admin

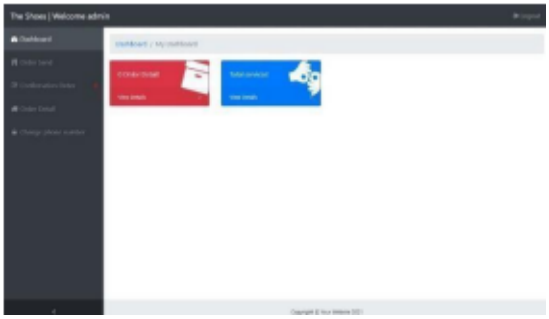


Figure 8. Dashboard View

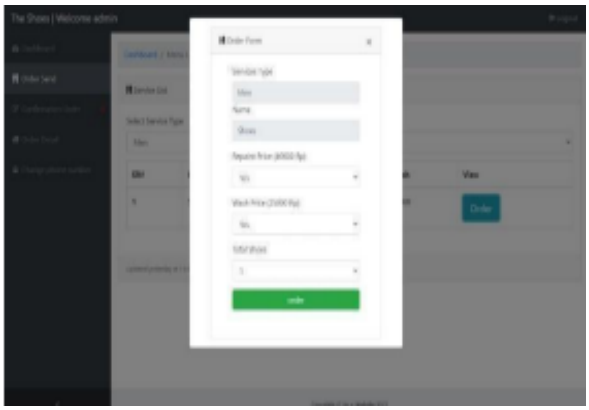


Figure 9. Order Form View

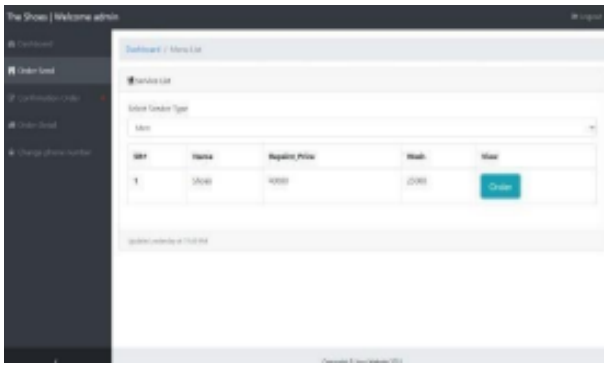


Figure 10. Order List View

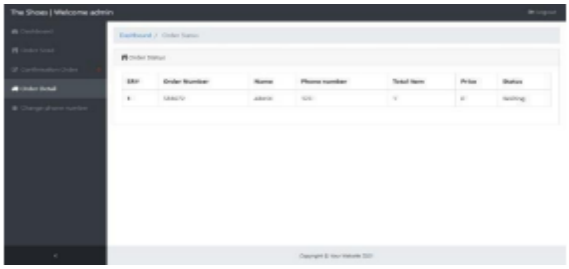


Figure 11. Order Detail View

CONCLUSIONS AND RECOMMENDATIONS

This application provides an alternative solution to make it easier for customers to obtain up-to-date information from ShoesLab. This application is useful for making it easier for customers to obtain sales services and also Laundry pick-up and delivery services quickly and reliably, as well as making it easier for employees to make income reports at ShoesLab. To be able to design a Laundry service application at ShoesLab based on the web, the Notepad++ program, XAMPP, PHPMyadmin, MySQL Database and browser applications such as Google Chrome and Internet Explorer are required. The Information System that has been built needs to be researched and developed further by using high imagination in order to create a better laundry service application by using other applications. The interface can be made more attractive in the future so that it can make this system user friendly. Evaluate further to perfect the application, especially regarding system security.

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