

IMPLEMENTATION OF NETWORK WEBSITE TECHNOLOGY IN COMPANY BRANDING PROFILE

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Abstract: A website is a network-based information medium that can be accessed anywhere and anytime using a computer. It is relatively inexpensive compared to conventional information media such as newspapers. We can do many things by using a website, one of which is to inform about a company, also known as a company profile. The research method used is WDLC. In the testing phase, three different web browsers were used. When tested on these three browsers, there were no bugs at all.

Keywords: Company, Company Profile, Bootstrap, Website

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INTRODUCTION

Along with the rapid development of the era in the field of technology and information, everything can be accessed easily because of technology and information. Slowly people began to move to meet the needs of technology and information so that what they needed could be accessed quickly and more efficiently.

One example of the advancement of technology and information is the existence of a website. Website is a computer network-based information media that can be accessed anywhere and anytime. With a relatively cheap cost compared to conventional information media such as newspapers, one of them. There are many things that we can make by using the website, one of which is to inform a company or what is often referred to as a company profile. Before the existence of the internet as it is today, a company informed its company by printing the company profile into a book, which would later be sent to the company's clients. But in an era that is all internet like today, companies do not need to do this anymore because we can do this by creating a company profile based on a website.

PT. Sri Dewi Utama is a company that provides services for ATM machines. The services provided by this company are providing spare parts for ATM machines and services to move ATM machines from one location to another. Currently in marketing its services, PT. Sri Dewi Utama still uses a company profile shaped like a printed book. The use of company profiles like this is considered less effective and efficient because companies have to send the company profile to their prospective clients. Based on the background of these problems, through this scientific writing, "COMPANY PROFILE PT. SRI DEWI UTAMA BASED WEBSITE ".

RESEARCH METHODS

The research method used in this Scientific Writing is using the WDLC (Web Development Life Cycle) method approach. This writing is done in several stages:

1. Planning

Planning is the initial stage of designing a website. In this section, I will identify the goals and objectives of the website that I will create

2. Analysis

At the analysis stage, I will identify what needs are needed in making this website by collecting information and data from the company that I will create the website.

3. Website design and development

At this stage, I will start doing the website design that I will create and after that I will do development which aims to know which parts must be improved and updated.

4. Testing

In this testing stage, it shows the results of the website that has been created. Whether the results made have met the expectations of users or not.

5. Website implementation and maintenance

At this stage, the website will be given to users to interact directly with the system and users where the aim is that users get the opportunity for the first time to work in it for the first time.

RESULT AND DISCUSSION

Website Overview

This company profile website was created to provide information about PT. Sri Dewi Utama. This website has 3 main menus namely Home, Our Products and Contact. On the home menu there is information on this company profile website. The About us menu contains the profile of PT Sri Dewi Utama. On the product menu we contain a display of 32 atm sparepart products. The contact menu contains the contact person of the company PT Sri Dewi Utama and the location of Sri Dewi Utama.

Hardware and Software specifications used in creating a company profile website PT. Sri Dewi Utama is:

1. Software

Software needed in building a "company profile website PT. Sri Dewi Utama" is as follows:

- a. Operating System: Windows 10 (64 Bit)
- b. Programming languages: HTML, CSS and Bootstrap Framework 5
- c. Web Browser: Google chrome, Microsoft Edge, Visual Studio Code

2. Hardware

Required hardware specifications or used in buildingg "website company profile PT. Sri Dew- Utama" is as follows:

- a. Processor: Intel(R) Core (TM) i5-10210U CPU @ 1.60Hz (8 CPUs), ~2.1GHz
- b. RAM: 8 GB
- c. SSD: 512 GB

NAVIGATION STRUCTURE

The Navigation Structure used in this website is the Hierarchical navigation structure. The Navigation Structure on the website can be seen in figure 3.1

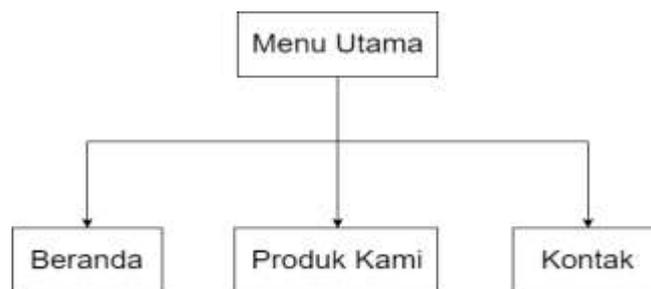


Figure 3.1 Hierarchical Navigation Structure

In figure 3.1 it can also be seen that the website has a main menu containing 4 buttons, namely Home, About Us, Our Products and contacts. The Home menu contains the information displayed on the company profile website. The about us menu contains the profile of PT Sri Dewi Utama. On the Product menu we display 12 Spare Parts products. The contact menu contains the Contact Person and location of PT Sri Dewi Utama.

Use Case Diagram

Use Case Diagram explains the flow of what users can do on the website. The following is an overview of the Use Case Diagram that can be seen in figure 3.2.

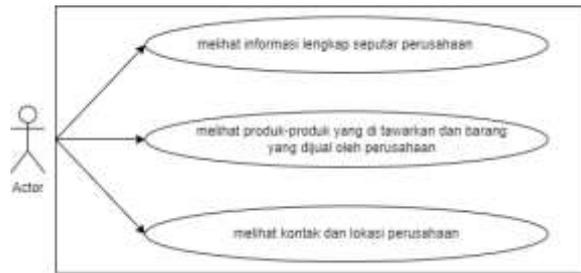


Figure 3.2 Use Case Diagram

Website Display Design

The design of the Company Profile website display includes a display from the beginning of the website opened until the website is closed, which consists of 3 menus, namely the Home menu, Our Products and Contacts that provide information about the website.

Home Menu Page Display Design

The design of the home menu page display has a header entitled PT. Sri Dewi Utama which contains 3 buttons, namely homepage, about us, our products and contact and header photos. On this menu there is also information displayed on PT. Sri Dewi Utama. The design of the Home menu page can be seen in Figure 3.3 below.



Figure 3.3 Home Menu Page Display Design

Our Product Menu Page Display Design

The design of our product menu page display contains any products that the company provides to prospective clients complete with pictures of products sold by the Sri Dewi Utama company. The display design of our product menu page can be seen in Figure 3.4 below.

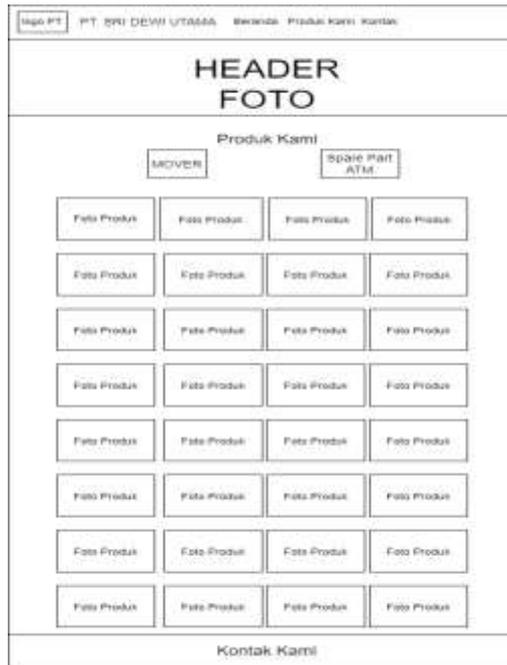


Figure 3.4 Our Product Menu Page Display Design

Contact Menu Page Display Design

The design of the Contact menu page contains complete company contacts that can be contacted by clients complete with locations that can be directly accessed via Google. The design of the contact menu page display can be seen in Figure 3.5 below.



Figure 3.5 Page Display Design Contact menu

Program Code Writing

In writing this program code will be explained the creation of the Company Profile website PT. Sri Dewi Utama. In making this website, the creation of the display structure can use html then to decorate or beautify the appearance of the web using css written using the Bootstrap 5 framework.

The Home Main Menu page is in the index.html

The Home Main Menu page is a page that contains complete information about PT. Sri Dewi Utama designed on index.html file. The main menu page that is in the index.html can be seen in figure 3.6. The following program code is used:

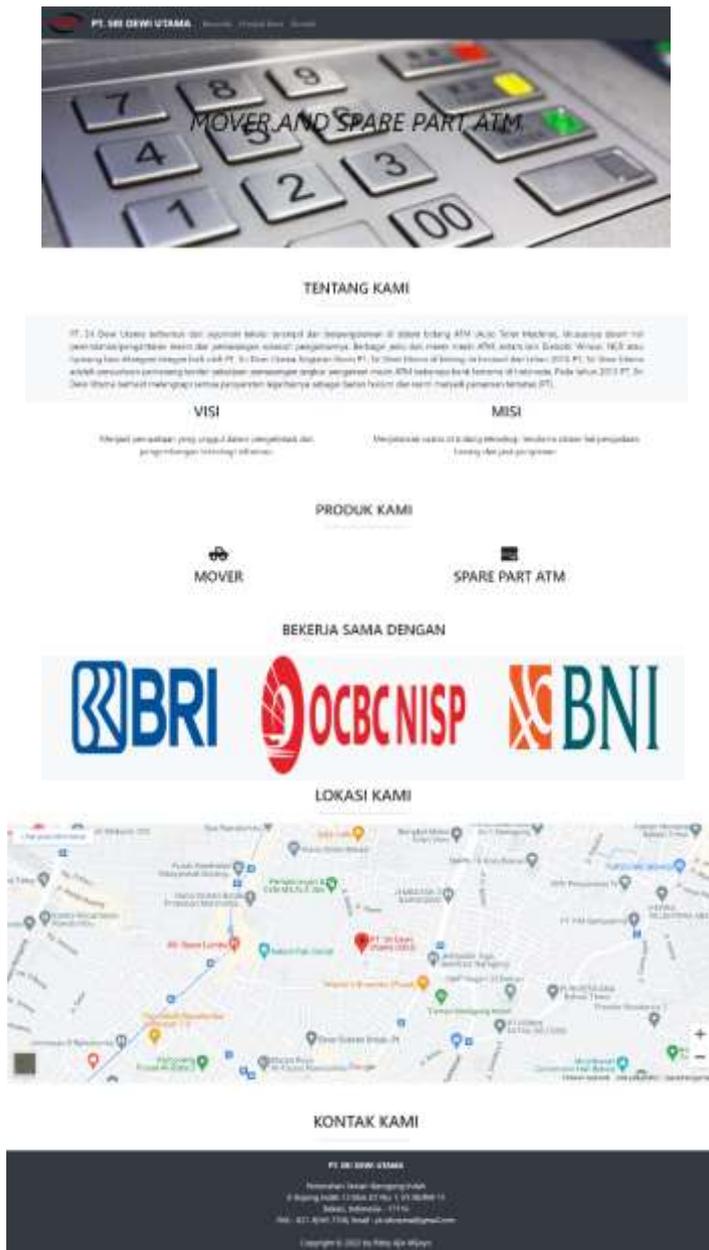


Figure 3.9 Home Main Menu Page Display

How our Product Menu Page Views

On the Product menu page display we display photos of ATM spare parts sold by the company. The product menu page display can be seen in figure 3.10 below.





Figure 3.10 Display of our Product Menu Page

Contact Menu Page Display

On Page View The contacts menu contains the location and contacts. The contact menu page view can be seen in figure 3.11 below.



Figure 3.11 Contact Menu Page Display

Hosting Stage

1. First, access the netlify site which is <https://www.netlify.com> The initial display of the netlify site as shown in figure 3.12

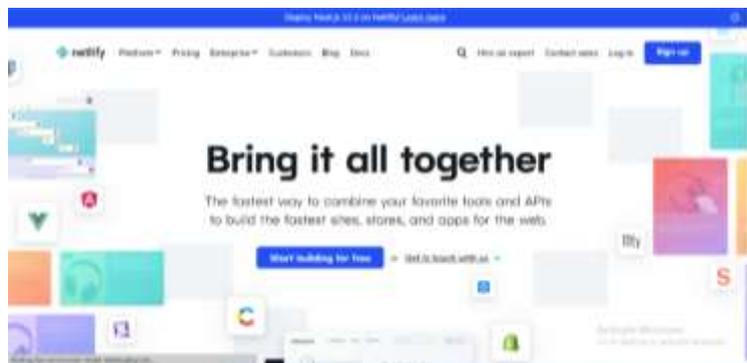


Figure 3.12 Netlify display

2. Log in With one of the accounts in the picture below, one of them GitHub, in order to get the Netlify service. Display for Log in like Figure 3.13 below.



Figure 3.13 Netlify Account login view

- When you're done Log in On Netlify Webhost, to upload it select Sites and Drag folders website to the bottom that says browse to Upload. In figure 3.14, this is how it looks when you have uploaded website.

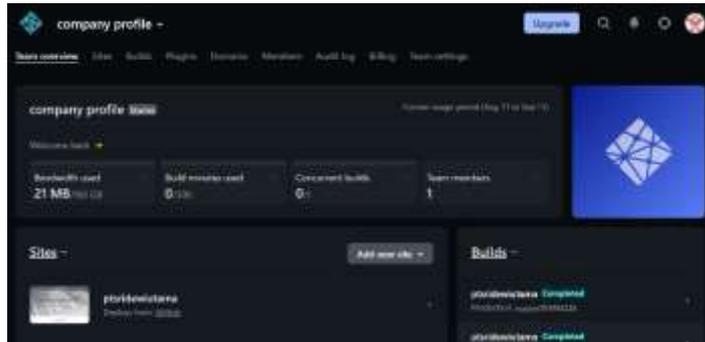


Figure 3.14 Display Upload Website

- To name website nya we can go to the settings, below there are general. There in the site information section there is a site name to change the name of the website we want. In figure 3.15 this is what it looks like to change the name website.



Figure 3.15 Website Name Display

Test Run Using A Web Browser

Testing on web browsers using three browsers namely Google Chrome, Mozilla Firefox, and Microsoft Edge on laptop devices that access web pages. Table 3.2 shows the results of tests in web browsers.

No	Browser	Version	Result
1	Google Chrome	102.0.5005.115	<ul style="list-style-type: none"> The website is running well. There are no bugs on the appearance of the website. There is no change in font and font size. There is no change in the image layout.
2	Microsoft Edge	102.0.1245.44	<ul style="list-style-type: none"> The features run well when used. The website is running well. There are no bugs on the appearance of the website. There is no change in font and font size. There is no change in the image layout. Features feature runs well when used

No	Browser	Version	Result
3.	Firefox	91.0.2.7905	<ul style="list-style-type: none"> • The website is running well. • There are no bugs on the appearance of the website. • There is no change in font and font size. • There is no change in the image layout. • The feature features run well when used.

Table 3.1 shows the results of website testing on three browsers, namely Google Chrome, Microsoft Edge, and Firefox. When tested on those 3 browsers there were no bugs at all.

CONCLUSION

PT. Sri Dewi Utama is formed from a number of skilled and experienced technicians in the field of ATM (Auto Teller Machine), especially in terms of moving / delivering machines and installing security accessories. Various types and brands of ATM machines, including Diebold, Wincor, NCR or hyosung can be handled well by PT. Sri Dewi Utama. Business Activities of PT. Sri Dewi Utama in this field started from 2010. PT. Sri Dewi Utama is the winning company for the tender for the installation of ATM machine security armatures at several well-known banks in Indonesia. In 2013 PT. Sri Dewi Utama successfully completed all its legality requirements as a legal entity and officially became a limited liability company (PT).

Website company profile PT. SRI DEWI UTAMA was successfully created. This website can display 32 ATM spare part products with the following types. Based on the test results of 3 different web browsers, it can be concluded that the website can run properly without any bugs.

SUGGESTION

Advice that can be given to the next website developer is to include more types of spare parts along with the specifications and descriptions of each type and also provide a more attractive image display or 3D effect on the image.

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