

WEB BASED FOR SKIN CARE GUIDE AND PURCHASE

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ABSTRACT - This study for a final year with the title Web Based for Skin Care Guide and Purchase. This research aims to design and develop a web-based system for guide about skincare and product suggestions. This web-based system has the ability to allow user get information about skin care. The information consists of skin types of detail so users will know their skin types. The next page will bring user to the guide page where it requires a determination from the user first about their skin types. After choosing their skin type, user will proceed to the next page, which has a skin care guide depending on their skin. In that page also includes product recommendations so user can be ready to purchase on a Online Shopping Website. The methodology for this study used the Waterfall Model that consists of five phases which is analysis, design, implementation, testing and documentation. In order to evaluate the study, functionality testing and user experience test have been conducted. Every feature in this web system has been tested using functionality testing. Then, proceed to the second testing and user respondent have been successful which is Testing Survey. This testing goals to impress users by focusing on attractiveness, efficiency, reliability, stimulation, and novelty. Finally, this research and development achieved the goals of creating, developing, and assessing a web-based skin care guide and purchase.

Keywords: Online shopping website, testing survey, skin care, waterfall model

1. INTRODUCTION

Skincare plays an important role in overall health and appearance for face. According to Margaux Reese in 2022, the skin serves as a barrier to internal systems that are critical to one's health and well-being. To achieve the healthy skin, there too many skin care products which people tend to choose the wrong skin care product that will make their skin worst. The way to solve this problem there is need to develop a web-based system that have a combination of guide website with online shopping website. The first objective is to design both content of guide and purchase in one website. Next, to develop a website that provides guidance on skin care and suggested product purchases. The final objective is to evaluate the enjoyment on buying online product after getting guidance about skincare.

2. METHODOLOGY

The methodology that used in this project is Waterfall Model. Requirement analysis is the first phase in waterfall model which related to understanding what needs to be designed and what its function, purpose, and so on. Design phase to helps in specifying hardware and system requirements and helps in defining overall system architecture. Implementation phase is the process of developing the system based on database and interface. The system will be tested then needs to go through constant software testing to find out if there are any flaws or errors. Last of the phase is the maintenance that measurement of the system effectiveness then evaluates potential enhancements.

3. RESULTS AND DISCUSSION

There are many comments and recommendations regarding this web-based system in the most recent depiction of users who have used it. Testing Survey, which has 20 questions and obtained more than 30 responses, was used. According to the results of this poll, most of the users agree like to see the features in a web based that contain user-friendly interface, reliable and simple to follow the guide, have true information, fast and efficient online shopping website. From the survey, most of users would prefer a web-based skin care guide and purchase because they have interested the combination of guide websites with online shopping websites. At the end of survey, the question was about agreement with development of a Web Based Skin Care Guide and Purchase and all users agreed with the development of this project.

4. NOVELTY OF RESEARCH / PRODUCT

The World Wide Web, the first web browser, was invented in 1990, and it is the second major proponent of online shopping. This web-based system is a guide website with online shopping that includes identification of skin concerns. User can determine their skin types before getting a guide. Then, it will lead to online shopping sites that have skin care product recommendation. Online shopping allows user to shop quickly and conveniently while also exposing them to as many products as they can handle (V.C.G Author, 2019). As reported by (Angelica L., 2020) overall, a web-based application has a user-friendly interface unlike mobile-based applications, these applications do not require installation. Users do not need to install additional software to use web-based apps, and developers do not need to create multiple versions of the same application for different operating systems. Web-based system convenient for user use by clicking on their device so they acquire guidance and purchase things in a straightforward manner.

5. CONCLUSION

To be conclude, this study was conducted with the goal of creating a web-based system for skin care guide and purchase. By evaluate user's skin type, this website can determine the best guide based on user's choice. Furthermore, this web-based system will provide recommend products and will be ready to buy.

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