

LEMBAR PENGUJIAN

**SISTEM PENDUKUNG KEPUTUSAN DALAM MENENTUKAN
KOSMETIK YANG SESUAI DENGAN KULIT WAJAH PADA TOKO
MYTHA OLSHOP KOSMETIK DENGAN METODE ANALYTICAL
HIERARCHY PRODUCT (AHP) DAN TECHNIQUE FOR ORDER
PREFERENCE BY SIMILARITY TO IDEAL SOLUTION (TOPSIS)
MENGUNAKAN BAHASA PEMROGRAMAN PHP DAN DATABASE
MYSQL**

OLEH



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PROGRAM STUDI SISTEM INFORMASI

**Skripsi ini dinyatakan LULUS oleh
Penguji Materi Pada Sidang Skripsi Program Studi Strata 1 Ilmu Komputer
Program Studi Sistem Informasi
Universitas Putra Indonesia “YPTK” Padang
Pada Hari/Tgl: Agustus 2021**

TIM PENGUJI

- 1.
- 2.

Padang, Agustus 2021

Mengetahui,

Dekan Fakultas Ilmu Komputer

Universitas Putra Indonesia “YPTK”

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ABSTRACT

Title : **THE DECISION SUPPORT SYSTEM DETERMINES WHICH COSMETICS ARE SUITABLE FOR FACIAL SKIN AT THE MYTHA SHOP COSMETICS SHOP WITH THE METHOD ANALYTICAL HIERARCHY PRODUCT (AHP) AND TECHNIQUE FOR ORDER PREFERENCE BY SIMILARITY TO IDEAL SOLUTION (TOPSIS) USES THE PHP PROGRAMMING LANGUAGE AND THE MYSQL DATABASE.**

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Currently, facial care products are in high and growing demand, particularly among women whom wanted their faces to be younger and more beautiful than they were. However, it is considerably difficult for them to find match skin-facial care products prior to the use. The effect, either good or bad, will be observed after the usage of the product which leads the customer to determine suitability of the products. This research aims to develop a decisive support system to determine the match skin-facial care products prior to the use. A combination of Analytical Hierarchy Product (AHP) and Technique for Order Preference by Similarity to Ideal Solution (TOPSIS). Were used, method by AHP deals with weighting of every alternative products based on some decisive criteria, while TOPSIS was used for products ranking. The result is able to provide a system allowing the customer to have alternative decision for the skin-match facial products. Finally, this system should serve as a supporting tool to select the most safe and suitable products.

Keywords: *Facial Skin Care, Cosmetic, Decisive Supporting System, AHP, TOPSIS.*