



FINAL YEAR PROJECT REPORT

SKIN CARE AND COSMETIC ADVISOR USING ARTIFICIAL INTELLIGENCE

**In fulfillment of the requirement
For degree of
BS (COMPUTER SCIENCES)**

By

**BEENISH HANIF
TOOBA NAUSHEEN
ANUSHA MATEEN**

**79237 (BSCS)
79242 (BSCS)
79017 (BSCS)**

SUPERVISED

**BY
MS. SOOMAL FATIMA**

BAHRIA UNIVERSITY (KARACHI CAMPUS)

SPRING-2025

DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

Signature : Beenish

Name : Beenish Hanif

Reg No. : 79237

Signature : Tooba

Name : Tooba Nausheen

Reg No. : 79242

Signature : Anusha

Name : Anusha Mateen

Reg No. : 79017

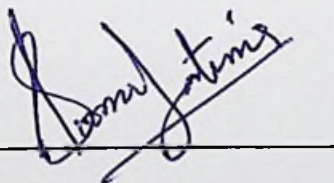
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We certify that this project report entitled **SKIN CARE AND COSMETIC ADVISOR USING ARTIFICIAL INTELLIGENCE** was prepared by **BEENISH HANIF, TOOBA NAUSHEEN and ANUSHA MATEEN** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Science in **Computer Science** at Bahria University.

Approved by,

Signature :



Supervisor: Miss Soomal Fatima

Date

: 26-05-2025

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SKIN CARE AND COSMETIC ADVISOR USING ARTIFICIAL INTELLIGENCE

ABSTRACT

In today's world, people are more conscious about their skin health and appearance. But finding the right skincare and cosmetic products that perfectly match an individual's skin type and tone is a major difficulty. The traditional methods often involve trial and error and lack personalized guidance. The purpose of this project is to develop an artificial intelligence system (AI) as a personalized skincare and cosmetic adviser. This report focuses on the integration of AI techniques to analyze various skin conditions and provide specific skincare and cosmetic recommendations designed specifically. The system uses image processing and algorithms to evaluate various skin attributes like skin tones, and skin types. AI model is formed by using diverse skin image dataset and skincare and cosmetic products, so it can recognize specific skin conditions and recommend appropriate products. Techniques such as deep learning and convolutional neural network (CNN) are used to analyze images and extract features. The system is designed to be user -friendly, allowing individuals to upload images of their skin, receive immediate analysis and view a recommended product on web interface. This AI-driven approach not only enhances user satisfaction but also promotes better skin care through intelligent recommendations.

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