Diagnosis Mechanism for Skin Diseases Using Image Processing

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Abstract: *Millions of individuals worldwide face challenges due to skin- related disorders, Skin-related disorders present facing a significant world health challenge, affecting a large portion of the population. Early and accurate diagnosis shows a critical role in ensuring timely treatment and better patient outcomes. However, traditional diagnostic highly depend on dermatologists, which can shows delays, particularly in rural or underserved areas. This project introduces an diagonisis of skin disease system utilizing deep learning techniques, specifically the VGG16 architecture. By analyzing dermoscopic images, the model classifies various skin conditions with high precision. The proposed system demonstrates an accuracy exceeding 98%, indicating strong potential to support healthcare professionals and enhance diagnostic accessibility.*

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