USE OF AUGMENTED REALITY TECHNOLOGY IN MOBILE APPLICATION-BASED SKINCARE AND MAKE-UP INFORMATION CATALOG APPLICATIONS

GRACE SYALOMITA TOMPUNUH

Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara Jombor Sleman Yogyakarta
E-mail : gracetompunuh1@gmail.com

ABSTRACT

Augmented Reality-based skincare information catalog is one of the applications needed among teenage girls and young people, to inform or visualize the product form and content of each product to minimize the occurrence of infection or irritation on the skin due to not having sufficient knowledge about skincare and make-up ingredients. -up to what the user's skin needs. Augmented Reality technology is a technology that combines 2D and 3D virtual objects into a real 3D environment and projected virtual objects in real time. In this research, Augmented Reality Technology with the Markerless method was applied to the Mobile Application-based Skincare Information Catalog which was displayed in 3D with an Android Smartphone camera. The aim of this research is to develop an application for introducing skincare and make up information catalogs by utilizing Augmented Reality technology. The developments resulting from this research can help millennial women in using skincare and make-up to get more information about the products they will buy and use and reduce material and physical losses caused by purchasing the wrong product.

Keywords: Augmented Reality, Catalog, Skincare, Make-up, 3D