DESIGN AND BUILD VIRTUAL REALITY MUSEUM SUNAN GIRI USING UNITY BASED ON ANDROID

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ABSTRACT

Museums are institutions that focus on cultural monuments and artistic, cultural, historical, or scientific objects. Many public museums make these items available to the public for viewing through permanent or temporary exhibitions. The aim of serving researchers is to increasingly serve the community. Along with the development of multimedia technology as a medium for implementation or promotion, it must be more innovative, creative and effective. This research is expected to provide benefits for visitors to the Sunan Giri museum to be able to recognize any relics in the Sunan Giri museum. Virtual Reality is an environment that turns all object into a virtual environment.VR allows users to communicate in real time. Now the use of VR has spread to all aspects of our lives and we hope that this will have very important developments. This is because usingVR is very interesting and easy to use when doing something like creating a museum design and a link from Sunan Giri using Virtual Reality. Therefore, the author made the VR Museum Sunan Giri and this research is expected to provide benefits for visitors to the Sunan Giri museum to be able to recognize any relics in the Sunan Giri museum and make it easier for people to learn about the history of historical relics in the Sunan Giri museum.

Key words: *Virtual Reality, Sunan Giri museum, virtual 3D, culture, artistic objects*