ABSTRACT

ARCHITECTURE GUIDE FOR MOBILE BASED VIRTUAL MUSEUM OF LAMPUNG USING *AUGMENTED REALITY*

By

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The Museum is an institution that served to nurture, protect and also as the repository of historic objects. In Indonesia the Museum looks crowded at certain times such as during school holidays and study tours. The Museum can become a means of learning for these students who do research. Mareover, the information provided in the Museum usually a brief information that is less informative. To provide more detailed information and answer the curiosity of visitors then needed a tour guide. Solutions are developed to improve the services and appeal to the Museum by making use of graphics technology of Augmented Reality (AR). Implementation of AR Museum in addition to can be used to enhance a visit to the Museum can also be used to display information about the object such as a Museum guide. This research developed the AR on Lampung Museum by making the object marker Museum to display the appropriate information. The results showed that the prototype application helps provide information as a virtual guide for the visitors.

Keyword : *museum, augmented reality, virtual guide, marker*