

Abstract

Once upon time, Many Hindu-Buddhist kingdoms are scattered in Indonesia, so the heritage of Indonesian cultural heritage is very diverse. In Mojokerto district, especially in the Trowulan sub-district which was the site of research on archeology since the 1800s. In the area of Trowulan sub-district found many relics of the Majapahit kingdom. Such as Wringin Lawang temple, Tikus temple, Brahu temple, and Bajang Ratu temple. Based on data from the Mojokerto Cultural Preservation Center, the number of tourists visiting Tikus, Wringinlawang, Brahu, Segaran Ponds and Bajangratu temples decreased the number of visitors each year. This is because information about the Trowulan site is still lacking. In addition, people's interest in cultural heritage is still lacking. There needs to be a mobile media application to expand the publication of cultural heritage in Trowulan with the aim of providing information for the community to obtain the heritage values of the Majapahit kingdom. The method used is observation, interview, documentation, and bibliography, for data analysis, namely using comparative matrix analysis to produce data that is in accordance with the design of mobile applications. The mobile application that will be designed has audio, GPS, camera filters, and an event organized by BPCB in Trowulan. With this feature, it is expected that the mobile application that will be designed can be an information and entertainment medium for visitors to the Trowulan site.

Keyword: *Mobile app, prototype, Majapahit, Trowulan site, heritage,*