

ABSTRACT

DESIGN OF A WEBSITE-BASED VIRTUAL TOUR APPLICATION AS A MEDIUM FOR INTRODUCING HOUSES OF WORSHIP

(Case Study: Vihara Sasana Paramita Velusindoro Arama)

by

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Sasana Paramita Velusindoro Arama Monastery as one of the symbols of houses of worship in Temanggung district which is very proud of the local community. currently the monastery has not been able to maximize visitor interest because it still uses conventional media such as brochures and banner advertisements and locations that are far from urban areas, so it has not seen a significant increase for the local area. The absence of the monastery's own application is also one of the reasons why the number of tourists and visitors to the monastery has not increased. The purpose of this research is to design a virtual tour application with the MDLC method and visualize the monastery on a 360 panoramic virtual tour application. The development method in this study uses the Multimedia Development Life Cycle (MDLC) Luther model. As for system testing, researchers use Blackbox Testing and System Usability Scale because both testing methods are benchmark standardization of testing a system. The results of the system evaluation from the tests that have been carried out on the functional aspects have successfully run well and also on the usability aspect managed to get a B grade with the predicate "Excellent", so it can be represented that the Vihara Sasana Paramita Velusindoro Arama Virtual Tour application can be used as an alternative media for the introduction of houses of worship. Based on the results and discussion of the Vihara Sasana Paramita Velusindoro Arama website-based virtual tour application, it can be concluded that the virtual tour website application has been made with the MDLC method and can visualize the monastery on a medium through a website intermediary in the form of a virtual tour. Based on BlackBox testing using the SUS questionnaire method, the answers from respondents were obtained with a score of 85 and included in the "Acceptable" criteria for use..

Keywords: *Virtual Tour, Virtual Reality, MDLC, Website*