

ABSTRACT

The DKI Jakarta Transportation Agency is one of the Regional Apparatus Organizations (OPD) that functions in public services for transportation affairs. One of the functions of the DKI Jakarta Transportation Service is the implementation of testing of motorized public transport vehicles and goods, as well as inspection of the quality of motorized vehicle bodies. In the process of service, the driver is constrained by searching for information on the flow of vehicle testing. So that the DKI Jakarta Transportation Service needs interactive media based on Augmented Reality as an application feature. The test method used by the author is the Multimedia Development Life Cycle (MDLC). The testing method uses Black Box Testing and Likert Methods. Multimedia Development Life Cycle (MDLC) is a multimedia product development cycle starting with product analysis, product development, and launch stages. method Black Box Testing is a software testing technique that focuses on the specification of the functionality of the software. Likert Methods is a research scale used to measure the opinions of respondents. The Likert test was carried out using paper media containing questions filled in by the respondent. Testing using Likert obtained 25 respondents with details of 10 employees of the DKI Jakarta Transportation Agency and 15 owners of motorized vehicles. The results of the application beta test show that the vehicle testing information application is in the Very Eligible category with a percentage of 89.14%.

Keywords: Augmented Reality, Information, Motor Vehicles, Multimedia Development Life Cycle (MDLC).