

Abstract

Elefan Design is one of many graphic designer in Bandung..Currently Elefan Design and Masjid Assalam foundation cooperate to design the Assalam mosque, but Elefan Design feels that presenting the results of the project using 2D image portfolio is ineffective and not attractive because the visualization cannot show the real shape of that design. This final project aims to create an augmented reality application as an android-based visualization of the Masjid Assalam. With this application the client can see the design of the Assalaam mosque in 3D, so the client can see from various directions that will be visually more attractive, moreover the client can see informations about the Assalam Mosque too. To create an augmented reality application for the 3D object of the Assalam Mosque, has been a literature review regarding the Multimedia Development Life Cycle (MDLC) methods used as a reference for the application design steps. Based on the results of testing the AR application of the Assalam Mosque successfully built, in black box testing functions of application is running well according to what the programmer expected. And on usability testing assessed by users, the AR application of the Masjid Assalam got a score of 87.5 for ease of application and 77.5 for augmented reality features.

Keyword: augmented reality, MDLC methodology