Abstract

This study will examine the issue that hampers the learning process of solar system subjects at Telkom Junior High School. The purpose of the study is to build the solar system learning application using the android version of augmented realty that has three features, such as visualizing the solar system in 3D animation object, audio, animation, book, and the interactive marker.

The sample of the study is the students of Telkom Junior High School. The data will be collected by interviewing the students and reading the literature review. Methods that will be used on improving the study is MDLC.

The result of the study is to show that learning tools will affect the students' comprehension of learning a subject. However, the availability of the learning tools is mostly being an obstacle, and 75% of students agree with the introduction of application-based learning media.

Keywords: Augmented Reality, Three Acts Structure, Solar System, MDLC.