

ABSTRACT

In this study, the author will create an application for Introduction to Planets in the Solar System which is made interesting and interactive with the concept of augmented reality. This application is used as a learning medium for children of the State Elementary School 1 Bodelor for grade 6 in the form of augmented reality. In this application students of State Elementary School 1 Bodelor can see the planet in the form of augmented reality along with explanations and also quizzes in the form of questions from the explanation of the planet. The method used in designing this application uses the Multimedia Development Life Cycle (MDLC). The design of this application uses the unity tools, Blender3D, and the Vuforia engine. The application for recognizing planets in the solar system was successfully created and used by students according to the method used with very good results 93.2% with a Likert scale.

Keyword : solar system, augmented reality, MDLC, unity, Blender3D, Vuforia engine.