Abstract

Planetarium is an learning aid application based on vitual reality (VR) technology that use oculus and leap motion which taught about solar system. Planetarium application gives an interactive learning aid about solar system that enciting and feels real, with the result that the users is in outer space. This application contains of learning material for solar system and some quiz that told it's user to arrange the order of an eclipse.

Planetarium application especially made for a 6th grader elementary school which meet the standart curriculum for them in 2nd semester according to KTSP 2013. It is using a vitual reality (VR) technology with 3D objects.

Virtual reality is a technology that make it possible to interact with a simulated environment that made by computer, specifically an environment that was simulated or a man-made environment that only exsist in a computer.

Keywords: plantarium, virtual reality, solar system