Abstrak

Augmented Reality (AR) is a real technology in three dimensions that combines virtual objects into a real environment and users can interact in real-time with the system. The selected case study is the Young Scholar Elementary School in the Fiqh subject for grade 1, namely the salat chapter on the position of congregational salat in various conditions. SD Cendekia Muda only has aids used by the SD PAI Team teacher in the form of videos taken from YouTube in explaining the simulation material for the position of congregational salat so that there is no separate guide that the teacher has. One of the operating systems used by smartphones is Android. Android can be used as a medium of education and users can easily install applications from the App market and from untrusted sources. Therefore, tools are needed to help the Teachers of the PAI SD Cendekia Muda Team in learning Fiqh subjects regarding the position of congregational salat to students while at home, namely an android-based application in the form of Augmented Reality Simulation of the Position of Congregational Salat.

Keywords: Augmented Reality, Android, Salat, Assistive Devices, Simulation of Congregational Salat Positions.