

ABSTRACT

Chemical is one of the subjects taught in school, especially at high school level. Chemical learning books that are now still conventional and usually the delivery of information through text books and images. In addition there are also props such as molymod to help students in studying chemical bonds, but the number is limited.

For that made an application that can complement the lack of books and props by utilizing augmented reality (AR) technology applied to Android-based devices. This app has a feature to read markers, then equalize reactions, then view the details of the matches from the equivalents that have been made and also equipped with the periodic table. This app is created with the Luther-Sutopo Workmanship method, 3D Blender and Unity 3D using Vuforia plug-ins.

Keywords : Chemical, Application, Android, Augmented Reality, Vuforia