

ABSTRACT

Indonesia has many kinds of music instrumentals, saron as an example. Saron is one of gamelan instrumental which comes from Java. It consists by seven slabs of bronze. Those are arranged on resonance draft. It is traditional style and it has to be etern. There are so much ways to keep it being everlast. All that we can do to keep it being everlast is just using our smartphone which has *augmented reality* of its technology. *Augmented reality* is kind of technology that can minorization the limit between the real things and what computer showed.

This final project use library of AR vuforia with nature *feature tracking* method, the method used to detect the marker faster than with other methods. Besides, vuforia gives *virtualbutton feature* as interesting interaction between system and user.

It will be seen in marker detection is affected by the distance between marker and camera, detection angle that suggested is 0° , and scale of virtual area *button* is 50 % of area *button* is affects virtual *button* activity.

Keyword: *Augmented reality*, Android, Saron