

ABSTRACT

Arduino Uno is a microcontroller the size of a credit card that can be used to run programs. This device has 14 digital input/output pins and the Arduino Uno function is made to make it easier for users to do prototyping. As time goes by, Arduino Uno enthusiasts are increasing, making Arduino one of the most popular microcontrollers. With the increase in Arduino enthusiasts, learning media is needed to support the introduction of Arduino. Due to the limited Augmented Reality-based Arduino 3D learning media, or the limited cost to buy Arduino devices. Therefore, with the creation of the Arduino Uno Introduction Application, it is hoped that it can be one of the interesting information media for users, especially vocational / high school students and students and help in finding out information about Arduino. Based on the test results of the Augmented Reality-Based Arduino Recognition Application, the application can function properly.

Keyword : Arduino, Augmented Reality, 3D, Multimedia, Marker