

ABSTRACT

Communication is one of the most important things in human life, without communication we can't be socialize with others. It is also important for person who have social limitations, especially people who have disability. American Sign Language (ASL) is made for people who don't understand about Sign Language. In this final project the media that is built is the ASL sign language learning media for deaf using a depth camera. This application created with the C # programming language and Microsoft Visual Studio with Intel Realsense 3D Camera hardware. This application is expected to provide students to understanding of ASL sign language and attract students' interest in learning ASL sign language. The application created can read by hand movements alphabet A-Z in ASL sign language and provide information about ASL sign language.

Keywords: ASL, Microsoft, Sign Language, Depth camera