## ABSTRACT

Now a days a lot of people are interested in lot of internet of things and latest technologies, this study focuses on the developing a smart gloves using Arduino Mega as the main CPU of the project with a lot of module include connected to the Arduino. In developing the project the researchers will use the Arduino programming language to connect all the functional sensors attach to the project. The project itself specializes for the visually impaired in the society the gloves is equipped with ultrasonic sensors to help the visually impaired person to navigate and be independent. The project is equipped with GPS module, GSM module and pulse sensor and lot of functions added to aide all the visually impaired that will use the project in the future. The developed project will be interesting because it can help a lot of visually impaired persons and help them improve their quality of living because this project can help them anytime if they want to go somewhere. On the other hand, the study must work on maintaining the whole device in case of an error occur and add more helpful features.

Keywords: Smart Gloves, Arduino, Internet of Things, Visually Impaired,