ABSTRACT

In today's modern kitchens, appliances used tend to be connected using electricity, which is generally turned on manually. Therefore in this Final Project a system for controlling electronic equipment using speech-to-text based voice commands will be developed, the web server is used to monitor equipment in the kitchen, then the Telegram application is used to notify the NodeMcu microcontroller (Esp8266). In this system the equipment is controlled using a relay that is connected to the microcontroller to turn on / turn off electronic equipment.

Keywords: Microcontroller, Web Server, Relay, Speech to text, Telegram*.*