ABSTRACT

Abstract-The development of science and technology have a positive impact in people's lives are at present has reached the age of voice commands. Smart home control system allows humans to control their home electrical devices such as TVs, fans and lights just by using voice commands without the need to move move to turn on or off an electrical equipment.Digital *sound processing controlled by the application to recognize the voice commands are detected.*

Therefore in this final project will be designed Voice Recognition Application For LED Lamp with ArduinoUNO system.Used EasyVR as voice recognition. The process of taking samples sound at EasyVR performed twice with the same relative variations of pronunciation of each word.This is done in accordance with the ability EasyVR who can not receive a second voice pronunciation variations if different from the first sound pronunciation variations.

Keywords: Voice Recognition, EasyVR, ArduinoUNO