ABSTRACT

The Internet of Things (IoT) conceptualizes the idea of remotely connecting and monitoring real   world objects (things) through the Internet. When it comes to our house. this concept   can be apply incorporated to make it smarter , safer and   automated. Automation is the technology by which a process is performed with minimum human efforts. Automation or automatic control is the use of discrete control systems for operating equipment. This project presents the complete design of an IoT based sensing and monitoring system with voice for smart home.The selected platform is very flexible and user-friendly.   The sensing of different variables inside the house is conducted using the NodeMCU-ESP8266   microcontroller   board, which allows Realtime data sensing, processing and uploading/downloading to/from the BYLNK cloud server.