Home Automation using Smart Watch

Abstract

The process of Home automation is now widespread these days which is used in numerous day to day applications in variety of industries. This paper proposes an efficient and a quick solution for controlling of various home appliances using a smart watch. This is implemented using a raspberry pi board which uses flask framework and python programming for developing a web application that can communicate with home automation app on the Pebble Smart watch. The home automation app for smart watch is developed using JavaScript that uses Pebble API. In this paper basic variables, ON state and OFF state of an appliance are displayed in the home automation app in the smart watch.

References


Index Terms

Computer Science  Artificial Intelligence

Keywords

Raspberry Pi, Raspbian OS, cloud pebble SDK, Flask framework, Python, Java-script, Relay, Bluetooth.