Smart Home System For Saving Electricity

Project Report

Internet of Things

BTech ICT (Sem VII)

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Project Description:

The system as the name indicates, 'Smart Home System to Save Electricity', makes the system more flexible and provides an attractive user interface. In this system, we integrate various Sensors for home automation system. A novel architecture for a home automation system is proposed using relatively new technologies. The system consists of mainly 5 components, That is an IR Sensor, LM35, LDR, DC Motor and 16x2 LCD. We hide the complexity of the notions involved in the home automation system by including them into a simple, but comprehensive set of related concepts. In our project, we are controlling the lights, fans and A/C's based on human presence. We are using IR sensors to detect human presence, LDR to control lights and LM35 temperature sensor to control Fans and A/C's and DC Motor for depiction of Fans.