

IOT BASED SMART HOME AUTOMATION SYSTEM WITH AN PREDICTION ALGORITHM WITH AI

Abstract

Nowadays Technology keeps on upgrading. Home Automation is becoming an essential part for occupant's convenience and protection. Automation is being preferred over manual. With the rapid increase in the number of users of internet over the past decade has made Internet a part and parcel of life, and IOTs is the latest and emerging internet technology. Home Appliances control of smart security system using IOTs uses computers or mobile devices to control basic home functions and features through internet from anywhere around the world. This automation system differs from other system by allowing the user to operate the system from anywhere around the world through internet connection. With the help of Arduino microcontroller as an embedded device, automation system design was constructed with the help of relays.

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