

Name of product : Smart Home Automation System (SHAS)

Researcher details

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Faculty : FIK

Cluster/Area of study : IT

Status of the product : Prototype

Product description :

SHAS is a smart home solution which is designed to bring together all of the electrical appliances into a centralized control system, to improve convenience, comfort, energy efficiency and security. Electrical devices are connected through a low-cost and low-power wireless network called Zigbee. It is a network devices which uses digital radio based on IEEE 802.11 standard for data transmission. SHAS is specially to provide an affordable, low-cost smart home automation solution which allows users to remotely control their appliances, observe and monitor their electricity consumption. Using SHAS, all oif the exciting smart home control functionalities are placed at user's fingertips through sleek and intuitive user interfaces using Android Apps for mobile devices, which can be accessed through the internet.

