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SIMULATION OF THE INTERNET OF THINGS (IOT) ON SMART HOME USING CISCO PACKET TRACER

+ ABSTRACTION

This smart home concept is a system that has been programmed and can be used with the help of a computer in the form of a smartphone to control devices or home appliances automatically and efficiently. The development of this smart home can use tools, namely the Cisco Packet Tracer which is an internet of things (IoT) simulator with quite complete features in the development of the smart home concept.

OBJECTIVE

The objectives of "Internet of Things (IoT) Simulation in Smart Homes Using Cisco Packet Tracer" are: (1). Designing IoT simulations on smart homes using Cisco Packet Tracer. (2). Making it easier for users to monitor electronic devices so that they are more efficient and effective.

The results of the device simulation design and the tests that have been carried out on the system include: (1). The motion sensor in the lamp is used to turn on and off automatically when it detects human movement. (3). Locking doors and windows is done with a monitor from a smartphone.

