

Home Automation Via Bluetooth Using Android Platform

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Home Automation Via Bluetooth Using

HOME AUTOMATION VIA BLUETOOTH USING THE ARDUINO

(PDF) HOME AUTOMATION VIA BLUETOOTH USING THE ARDUINO ...

applications of home automation System. Bluetooth technology operate over unlicensed, its available at 2.4GHz frequency, it also can link digital devices within a range of 10m to 100m at the speed of up to 3Mbps but it depending on the Bluetooth device class [4]. By using home automation System, we can control household appliances.

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Bluetooth Based Home Automation System Using Android and ...

Home automation using wireless device becomes popular and several wireless devices are available like Bluetooth, Zigbee and GSM. Many mobile phones have a built-in Bluetooth and its use with Home ...

(PDF) Home automation using bluetooth - A review

devices, home theaters, etc., are set to realize the concept of a smart home. They have given rise to a Personal Area Network in home environment, where all these appliances can be interconnected and monitored using a single controller. Home automation involves introducing a degree of computerized or automatic control to

HOME AUTOMATION via BLUETOOTH (Using ANDROID PLATFORM)

Home Automation Using Raspberry Pi via Bluetooth. After reading this post you will be able to install all the Packages needed to be able to talk to the Raspberry Pi via Bluetooth technology using the Python language. You will also understand the circuit used to control the AC home appliances.

Home Automation Using Raspberry Pi via Bluetooth ...

You need pair the HC-05 Bluetooth module to your Android device before you could use it in the app. Step 1: Open your device's Bluetooth settings and search for new devices, make sure the LED on HC-05 module is blinking continuously (Pairing Mode). Step 2: Select HC-05 (or you'll see an address ending with "C" as shown in the pictures). Step 3: Enter the PIN "1234" and press OK.

Simple Home Automation Using Bluetooth, Android and ...

Home automation is not a new thing but the advanced automation system in nowadays require a big and expensive infrastructure. In this report, we have proposed a low cost, flexible secure automation system that can easily control TV, tube lights and fans from android based mobile phone using Bluetooth.

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Bluetooth based home automation system using android phone

HC-05 (Bluetooth) To make a link between your Arduino and bluetooth, do the following: 1) Go to the bluetooth icon, right click and select Add a Device 2) Search for new device, Our bluetooth module will appear as HC-05, and add it 3) The pairing code will be 1234. 4)after make a pairing, we can now program the arduino and upload a sketch to send or receive data from Computer.

Home Automation Using Arduino and Bluetooth Control ...

R. Piyare and M. Tazil, "Bluetooth based home automation system using cell phone," 2011 IEEE 15th International Symposium on Consumer Electronics (ISCE), Singapore, 2011, pp. 192-195. B. Ghazal and K. Al-Khatib, "Smart home automation system for elderly, and handicapped people using XBee," international Journal of Smart Home, vol. 9, no. 4, pp. 203- 210, Apr. 2015.

Bluetooth based Home Automation using Arduino - IJERT

Bluetooth Based Home Automation using Arduino: This project is the part of my Home Automation series. Before this, I posted Home Automation using PC and IR-based home automation system. I hope you will learn something from this series of projects. In future, I will also post it with using GSM module based home automation system.

Bluetooth Based Home Automation project using Arduino

Imagine that you can control the electronic appliances of your home from anywhere inside the house, just using your Smart phone. In this project, we will use wireless Bluetooth technology to control the Home Electronic Appliances through a Android Phone. Bluetooth has a range of 10-15 meters, so that you can switch ON and OFF any electronic appliance within the range.

Bluetooth Controlled Home Automation System Using 8051 ...

Bluetooth Controlled Electronic Home Appliances Circuit Principle. In this project, a Bluetooth module is interfaced to

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8051 Microcontroller. This Bluetooth Module receives the commands from the Android application that is installed on the Android device, using wireless communication (Bluetooth Technology).

Bluetooth Controlled Electronic Home Appliances

Simple Home Automation Using Bluetooth, Android and Arduino. Take control of your home in your smart-phone with the simplest ever home automation device. The Code:-String voice; #define relay1 2 //Connect relay1 to pin 2. #define relay2 3 //Connect relay2 to pin 3.

Simple Home Automation Using Bluetooth Module

Either of the app will pair with the home automation system through HC-05 Bluetooth Module. Every module has a unique MAC address and a password for pairing with other devices. Like the Bluetooth module used in this project had a MAC address - 98:D3:31:F4:18:22 and had a password "1234" for pairing with other Bluetooth devices.

Bluetooth Controlled Home Automation System

8 1.1 Project Aim The aim of the project is to design and construct a home automation system that will remotely switch on or off any household appliances connected to it, using a microcontroller, voice dial on phone, or Bluetooth based android application. 1.2 Project Objective The objective of this project is to implement a low cost, reliable and scalable home automation system that can be ...

PROJECT REPORT ON Home automation using by Bluetooth

In this project, you will learn how to make a home automation system for use with a smartphone through Bluetooth. ... We can switch on and off any home appliance through voice via Bluetooth, using Arduino via Bluetooth. Voice Controlled Home Automation Using Arduino via Bluetooth. Project showcase by JoyDutta06. 1,095 views;

Home Automation Using Bluetooth - Arduino Project Hub

Bluetooth technology, which has emerged in late 1990s, is an

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ideal solution for this purpose. This paper describes an application of Bluetooth technology in home automation and networking environment.

(PDF) Android Controlled Home Automation - ResearchGate

1 Requirements for Home Automation . 1.0.1 Hardware; 1.0.2 Software ; 2 HC-05 Bluetooth Module. 2.0.1 Introduction; 2.0.2 Pinout; 3 Relay Module; 4 Connection Diagram for Home Automation using Arduino UNO and Bluetooth; 5 Code; 6 Application

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