ANDROID BASED INDUSTRIAL DEVICE CONTROL

Description:

Android is a free, open source mobile platform. It is a Linux-based, multiprocess, multithreaded Operating System. Android is a software stack for mobile devices that includes an operating system, middleware and key applications. By providing an open development platform, Android offers developers the ability to build extremely rich and innovative applications.

The Android SDK provides the tools and APIs necessary to begin developing applications on the Android platform using the Java programming language.

Objective:

The purpose of this project is to present an implementation of smart office automation with advanced android mobile using Bluetooth. It is intended to give the user the ability to manage all the equipments that are capable of being automated, from a single controlling source. This document can serve as a reference or guide to the developers of smart office automation using android.

Scope:

Smart Office Technology is a collective term for information and communication-technology in offices, where the components are communicating through a Bluetooth. Disparate equipments from a variety of manufacturers, using a variety of automation protocols, are all abstracted into a common metaphor that allows it to be controlled easily by a single system. All the automation equipments are viewed in a consistent and uniform way. Smart Office Technology may be used for monitoring or switching on and off of the components, according to the programmed criteria.

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