Abstract

Utilization of Android is being extensively approved in operations beyond just tablets or Smart Phones because of its flexibility, open sources, and features it provides. The design and effectuation at a cheap cost, yet compressed and safe Android smartphone based home automation system that the paper demonstrates. The design is the favored ARM 11 hardware board where all of the electrical appliances and sensors are connecting the input/output ports on the commission. With a view to the system responsiveness as a result of making it more dynamic, such as integrating a well-liked and stable LINUX OS. The integration of Google's voice recognition features an additional add-on admitted which recognizes users' voice commands to control applications.
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- http://source.android.com/accessories/

Index Terms

Computer Science Distributed Systems
Keywords

ARM 11 Board  Relay Driver Circuit  JDK 1.6  Android SDK 2.2 and SQL Database.