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REMOTE CONTROL WATER PUMP USING ANDROID SMARTPHONE

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ABSTRACT

In this paper, a remote and user-friendly system is presented using the Arduino Uno board, Bluetooth HC-06 module, smartphone, and relay. Smartphone applications are used in a recommended system that allows users to control devices including household appliances and sensors using Bluetooth technology. The idea of paper is to control household appliances, companies such as water pumps, lights. It is possible to save energy and labor by turning off the water pump remotely using a smartphone when it is not needed. This paper also describes the software and hardware architecture of the system, work and scope. The prototype of a company or home automation system that is implemented and tested on hardware provides the expected and appropriate results.

Keywords: Air Conditioner, Bluetooth HC-06, Relay, Water Pump, Arduino Uno