

ABSTRACT

Bluetooth is the technology designed for short range wireless communication. This technology provide low power appliance which is cheap and portable. The media used in this kind of telecommunication is the air (radio). Bluetooth is one of wireless technology used in mobile equipment such as handphone. Bluetooth has the ability to connect wirelessly on mobile equipment universally.

One of the development of bluetooth-based application on handphone is to implement remote process or automatization in functioning several electrical house-appliance, such as turning the lamp on and off using a handphone

This research have implement bluetooth application for home appliance using PC and boetooth appliance on handphone connection, particularly with Connected Limited Device Configuration (CLDC) based and J2ME support. Mobile equipment that had been used complies CLDC specification which is having Mobile Information Device Profile (MIDP) 2.