Nanyang Technological University

School of Electrical and Electronic Engineering
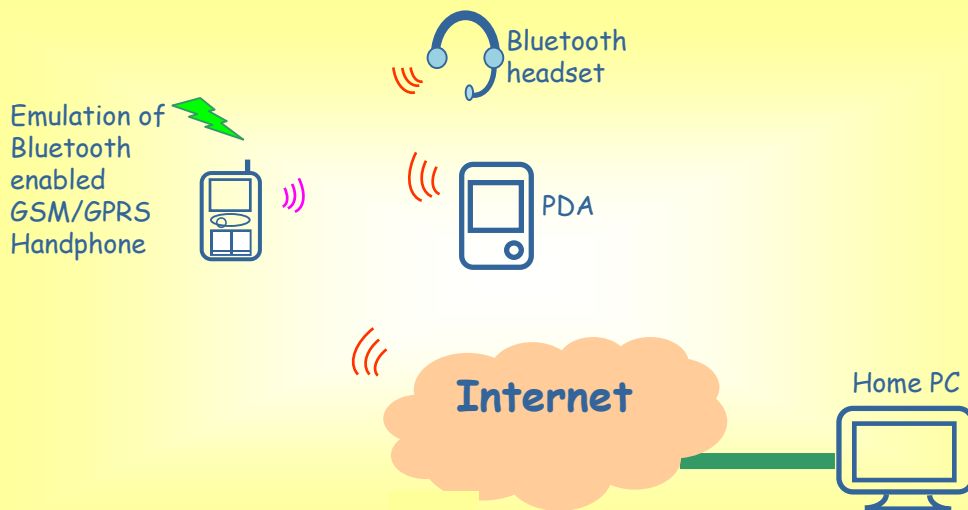
Network Technology Research Centre

Ultimate Handset

Abstract

The Ultimate handset is being emulated by using bluetooth module, GSM/GPRS module and a personnel computer. This emulated device would enable the user to make calls using GSM, GPRS for internet access through PDA via Bluetooth and VoIP communication to remote user through internet.

Bluetooth headset

Emulation of Bluetooth enabled GSM/GPRS Handphone

PDA

Internet

Home PC

Functions

1. **SMS and basic handphone functions**
2. **Wireless Internet access using PDA**
3. **Voice over IP communication**

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