

STUDY ON GPRS TECHNOLOGY AND TO DEVELOP AN EASY GPRS APPLICATION

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ABSTRACT

The general packet radio service (GPRS) is a new non-voice value added services that allows information to be sent and received instantly (about three times as fast as the data transmission speeds possible over today's fixed telecommunications network and ten times as fast as current Switched Data services on GSM networks) across a mobile telephone network. GPRS technology allows mobile phones to be used for sending and receiving data over the Internet Protocol (IP) – based network. In other words the mobile phone acts as a modem. GPRS as such is a data bearer that enables wireless access to data networks like the Internet. The applications using GPRS are WAP, MMS, SMS, Java and PC dial-up. In this project, a special application so-called Easy GPRS would be developed to facilitate GPRS subscriber to access Internet via computer for sending/receiving an email as well as organize their data in a mobile phone. The EasyGPRS acts as a driver between a hand phone and the computer. Features of the application are to manage contact lists such as exchanging contact list between hand phone and PC, adding in a new entries, editing, deleting, manage the incoming and outgoing SMS such as replying, forwarding, deleting, creating a new message