PROJECT SYNOPSIS FOR BLUETOOTH CHAT APP

TITLE: BLUETOOTH CHAT APPLICATION

INTRODUCTION:

Bluetooth Chat Application is useful for Chatting via Bluetooth connectivity

within the limited criteria. If we have this application in our mobile, no need to send SMS.

Therefore without sending SMS we can chat with another device with the help of Bluetooth

connectivity which is the main use of this application. The major defect of this device is, if both

of the cells are out of Bluetooth range then it’s difficult to get connection between both the

devices.

Bluetooth Chat Application has two phases:

1. SERVER

2. CLIENT.

Server is the machine which handles the particular client. Client is the machine which can

connect to Server. By this process we can easily chat with other device. First the Server

initializes and finds the other active Bluetooth device and after that process Server & Client gets

connected with each other, and two devices can chat with each other.

In this way two users can chat, but there is one limitation in this application. Server

is able to find all the active Bluetooth devices but it can connect with only one at a time. There

is no way to chat simultaneously with all devices. Here one more drawback is limited range. We

can only chat within the Bluetooth range which is limited up to certain specific distance.

OBJECTIVE:

Bluetooth chat application provides scintillating chatting facility. The main purpose of this application is to send text message with the help of Bluetooth tool, so no

need to pay sms or data charges to send short text messages.

MATERIAL AND METHODS:

Hardware Requirement:

A Cell phone which has Bluetooth facility.

Software Requirement:

Mobile OS which supported JAVA based Application(Android).

Methods used:

Bluetooth, OPEX protocol, Wireless toolkit,RFCOMM socket

References: