Video Instant Messaging

Project Code: WA5-02

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Video Instant Messaging

Project Overview

Higher bandwidth is now available in both the networks of homes and companies, and the Internet has emerged as a popular way for people to keep in touch with family, friends and business associates. Video-enabled instant messaging (VIM) technology is designed to operate over the Internet and the existing high-speed data and video networks. Now users can chat -- live on

Our group implemented a handheld device based video instant messaging system, which successfully combines the advantages of mobility, high network bandwidth and instant communication power into an innovative Pocket PC application.

Video Message

Virtual Community

SIP

WLAN

Face-to-Face Chat

User Participation

Location Management

Mobility, High Bandwidth
Video Instant Messaging

The next-generation in communications with Pocket PC

System block diagram

The above block diagram shows how the server-client works in the instant messaging system with uni-direction communication (caller side -to-called side)
**Video Instant Messaging**

**Project Results**

In the final year project, a handheld device based video instant messaging system was implemented. The best feature of Internet applications has always been their real time communication power.

This communication power is now complemented by Video Messaging, a powerful new way to send recorded video clips.

- Wireless and Mobility
- Video communication
- Text communication
- Instant messaging

The functions are integrated with an easy-to-use and impressive graphical user interface; end users will find it easy to get familiar with these functions.