

Coolcampus Summer Project 2004-05

UMS Capabilities Demonstrator

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What is UMS?

- ▶ Unified Messaging System
- ▶ Delivers messages anytime anywhere regardless of
 - Location- home, office, driving a car
 - Message type- fax, email, sms, IM
 - Communication device- PDA, mobile, Laptop
 - Communication medium-Bluetooth, WiFi, GPRS

Existing System Drawbacks

- ▶ Handles
 - emails
 - fax
 - voicemail
- ▶ Centralized- single point of failure
- ▶ Non pervasive- no notification

Coolcampus UMS Advantages

- ▶ Handles
 - Email
 - IM
 - SMS
 - voicemail
- ▶ Easy to use
- ▶ Receives messages instantly
- ▶ Integrated messaging supported by text-to-speech technology (for car safety)

UMS Capabilities Demonstrator

▶ Tools used

- Macromedia Flash MX 2004

▶ Three scenarios

- Home
- Meeting
- Driving a car

Home scenario

▶ Devices

- Laptop
- PDA

▶ Message type

- IM

▶ Communication medium

- Bluetooth

Meeting scenario

▶ Devices

- Laptop
- Mobile

▶ Message type

- E-mail

▶ Communication medium

- WiFi

Car scenario

▶ Devices

- Laptop
- Mobile

▶ Message type

- Sms
- E-mail

▶ Communication medium

- GPRS
- Bluetooth

▶ Special feature

- Voice commands (for safety of the user)

Demo

