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Introduction

- PoC-Push to Talk over a cellphone
- Walkie-talkie concept
- Voice instant messaging
- Half-duplex communication

User Requirements Document

- Data – questionnaires
- Affordable voice IM
- 1-to-1 and 1-to-many communication
- Ability to add, delete contacts
- Availability of buddies (online)
- Status e.g. busy
- Alert notification



Fig 1: *showing PoC availability information[1]*

Requirements Analysis Document

- Client-server
- PoC server
- Real Time Protocols
- Contact list management
- Access management
- Presence information
- Bandwidth

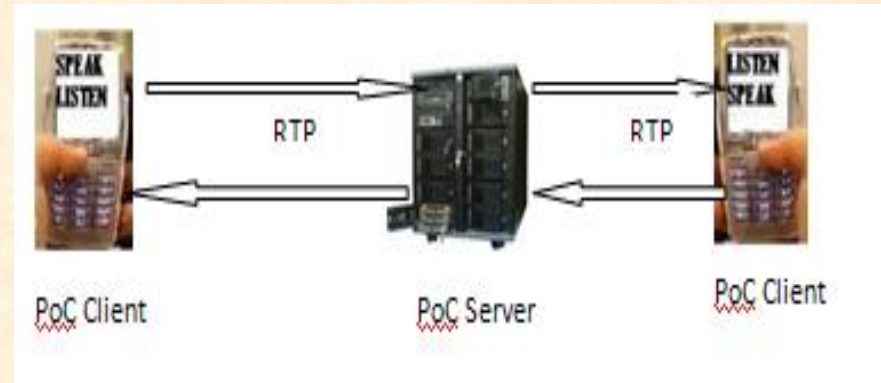



Fig 2: PoC transmission

Project Plan

Task	Term 1		Term 2			Term 3	Term 4
Project Analysis	URD	RAD					
	SURVEY						
Design and Development			UIS	OOA/HLD	OOD/LLD		
			Prototype		RTP,SIP,SIM PLE		
Implementation						CARBIDE C++	
Testing, Evaluation and Presentation							INVOLVE USERS

References

- [1]. <http://www.celtius.com/s.asp?id=665> (February 2008)
- [2]. <http://www.fgmicrotec.com/fgpoc.html> (February 2008)
- [3]. http://en.wikipedia.org/wiki/Push_to_Talk_over_Cellular (February 2008)



Thank you
Questions & Answers