Term 4 Findings

This part of the project represents the summarization of 3 term's worth of work. It leads towards the final milestone of the project which is thesis submission. Term 1 was about understanding the key concepts of VoIP and the operations of iLanga. Term 2 was about understanding the UNAM network and learning about traffic shaping. Term 3 was about testing the practical aspects of iLanga and traffic shaping techniques. Term 4 is about implementing the knowledge gained throughout the year into one working product and comprehensive document.

Process and Results:

1. Get the results of the network test-bed and identify core implementation aspects and expectations

2. Tweek iLanga at UNAM to have local User Agents communicating amongst each other. (configuring SIP, IAX, RTP, extensions configuration files)

3. Tweek the UNAM network and iLanga to afford agents at UNAM and RU to communicate with each other. (implement traffic policy to allow bi-directional flow of traffic through VoIP ports, implement traffic shaping, select viable codecs and transcoding mechanisms)

4. Gather more data about the implementation process on a live network

5. Present final findings and submit 3 copies of the thesis accompanied with a CD containing complete project information, data and software