# Communication Networks 2
## SS 2017

## Assignment X

## **Group Y**

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# 1 Description of the Solution

Linphone was used and configured to register with the two SIP Registrars.

## 1.1 Secret Message to the Registrar

## 1.2 Discussion of Measured Network Parameters

## 1.3 Discussion of subjective QoS

Subjective QoS:

- Landline: 5 (very good quality)

- Satellite: 3 (slight knacking in audio, video freezing every 5s)

- Satellite Speex, MP4V-ES: bad quality, fragments in picture but no freezes, lag

- Landline Speex, MP4V-ES: No difference in quality

- Satellite H263-1998 PCMU: bad quality, smoother fragments in picture but no freezes, lag

- Landline H263-1998 PCMU: No difference in quality

Responsible factors are bandwidth, latency, _ (there is another one too!)