Lappeenranta University of
Technology Department of Information Technology

SUMMER SCHOOL ON TELECOMMUNICATIONS

Submitted By Group 4: INFO-PIC

Tuomas Kuitunen (0237788)

Sanaz Ahmadi (0361739)

Bandana Karki (0361959)

Problem Definition

 Sharing of information of any things related to construction from field of working area to the responsible person might not be that difficult, but sharing clear information or detailed information is little bit difficult. For e.g one can call a responsible person and say that the slab is broken and they need some more for its replacements but now it's unclear which slab actually, how it looks like etc.

Idea

INFO-PIC is a Maemo application in which you can share information of any construction site (Ex: Broken Item, walls, and any other problem with the construction) and attached to its picture taken.

With the help of this application it saves time and money, makes faster and effective communication, reduces unnecessary queries, provides as clear information as possible.

Picture of the item will be taken by the camera, and information will be attached as a comment to the picture and will be sent to the recipient. (Ex: Head engineer in charge, or any other trusted person who can give idea)
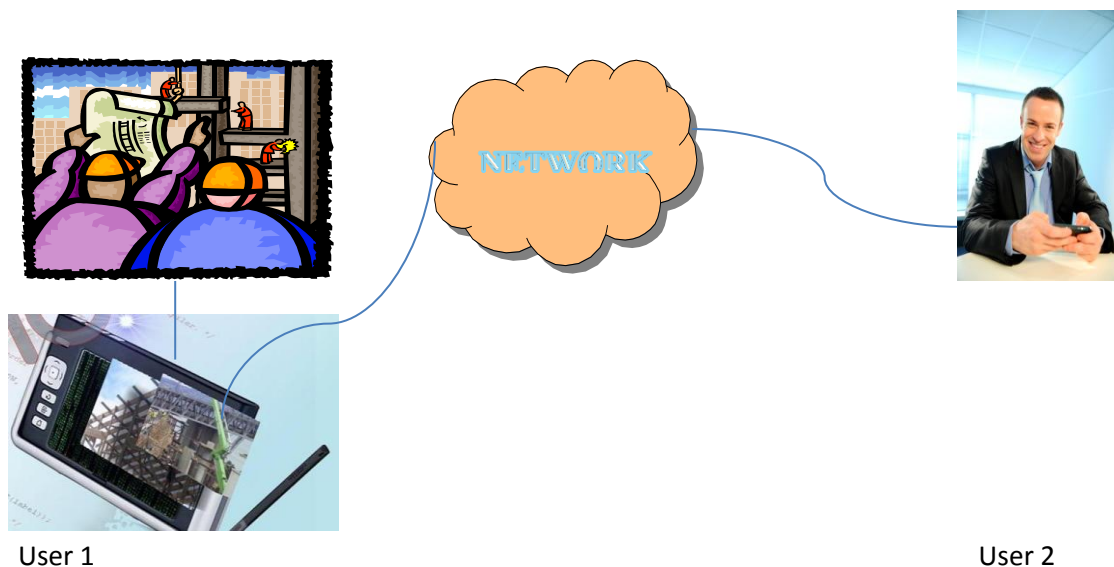
Architecture

User 1   User 2

FIG 1:   INFO-PIC Architecture

TOOLS AND TECHNOLOGY USED

- *ES-BOX*
- *N900*

USERS OF INFO_TECH

Targeted users of INFO-PIC application are any person who deals with construction of building, material, thing etc. It can be labour working in a field, staff, supplier, manufacturer, customer etc.

FUNCTIONALITY

- Take photo
- Add comment for picture
- Send mesaage attaching the picture from client1 to client2 and vice versa
- Recive message from vice versa

CONCLUSIONS

Learned about Maemo little bit. Had problem during demonstration due to streaming not supported by N900.