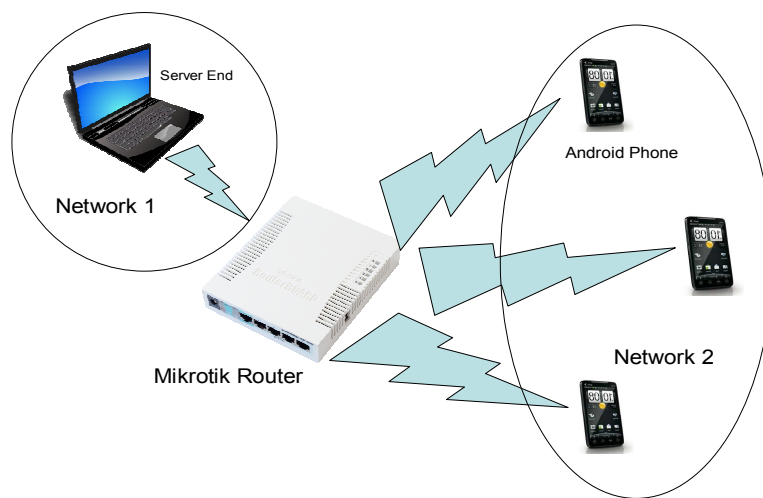


User Identification System

Abstract:

At conferences and meetings, the recognition of invited guests and information provided to them has been carried out manually. User Identification System (UIS) is an application that will enable us to do the same task in an automated fashion. UIS uses the information carried in the users' android phone for their verification purpose and shares the information (to be provided to the guests) via a connection made directly to their device. In our project, we will implement UIS based on Mikrotik router, android phones and a Server (Laptop).

Implementation:



In this project we will authenticate the users in a given meeting based on their visiting card information stored in their android device. This will be made possible using a Mikrotik router which would register these phones using wireless connection. This registration list generated by the Mikrotik router based on the devices connected to it will be sent to the Server which would request for the visiting card information stored in the user's mobile device and verify it to a previously stored list of invitees. Once verified a welcome message would be sent to the user and the necessary documentation can be transferred (if any). On the commencement of the meeting the authenticated users will be sent a signal which would automatically put their phone to the silent mode.

Devices Required:

- 1) 2-3 Android Devices
- 2) 1 Mikrotik router

Software Used:

- 1) Android SDK- Eclipse
- 2) Router OS

Group:

Sneha Patil
Abhishek Sharma
Venkatraman Venkatapathy