Application Development for Mobile and Ubiquitous Computing

Seminar Task
Second Presentation

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Ico

Application to organize Meetings

especially spontaneous events with more than two participants

(in dependence on Google-Calendar or Facebook)

Client-Server-Architecture

Central web-server – manages and hosts data
• Ruby on Rails
• Http
• JSON

Android-client

Developement
• Eclipse + ADT-Plugin
• Subversion (assembla.com, Subversive)
• Android SDK

First Start

ico-client connects to the ico-server
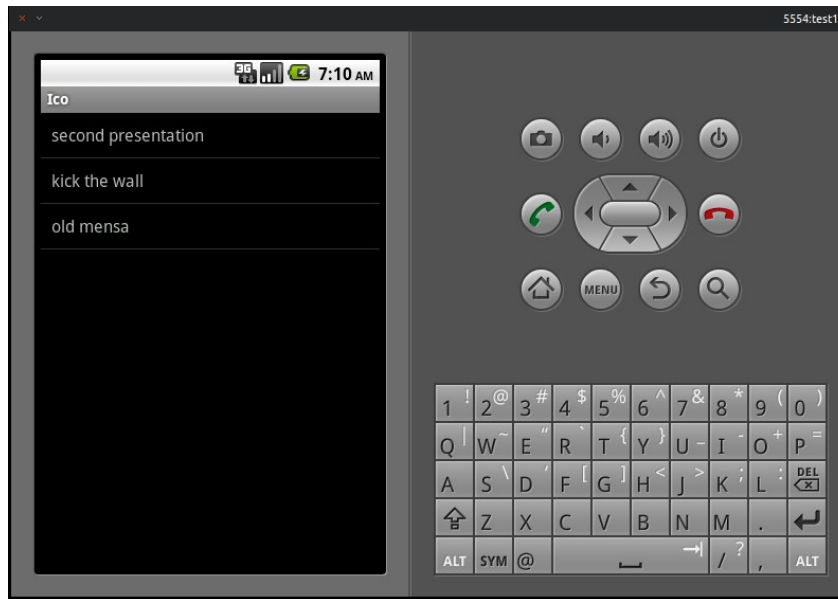is there a user with this telephone-number?

No
The server creates a new user with the telephone-number as an Id and a password chosen by the user

Yes
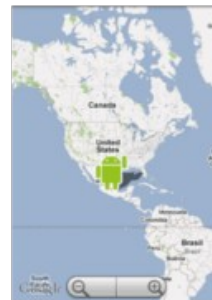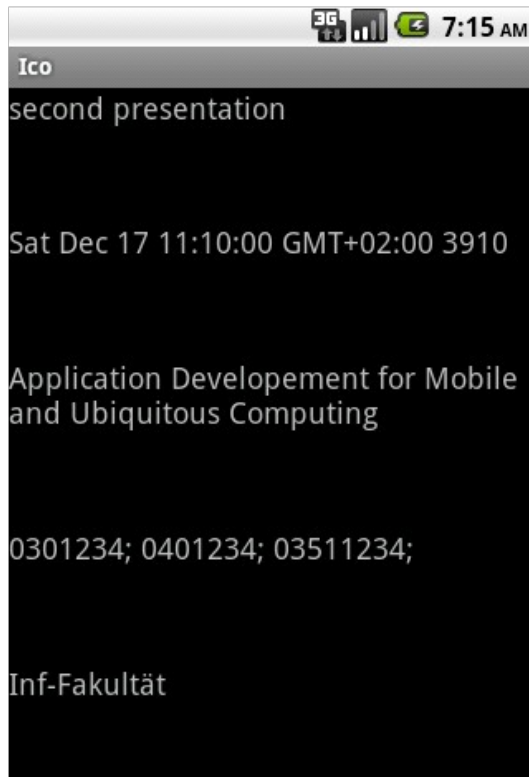The Server asks for authentication

Everyday Start

Ico-client fetchs events from the server

Click on the Android-Menu-Butten to create or delete an Event

Detailed View

Create a new Event

Background Service

Ico will provide an Android-Service which connect every minute to the server to fetch new events

Past
- programming with android-SDK
- web-server

Future
- security-concept
- GUI
- handling of changes and confirmation of events

- finalize GUI

- implement background-service

Thanks for your attention