



# Application Development for Mobile and Ubiquitous Computing

## Seminar Task

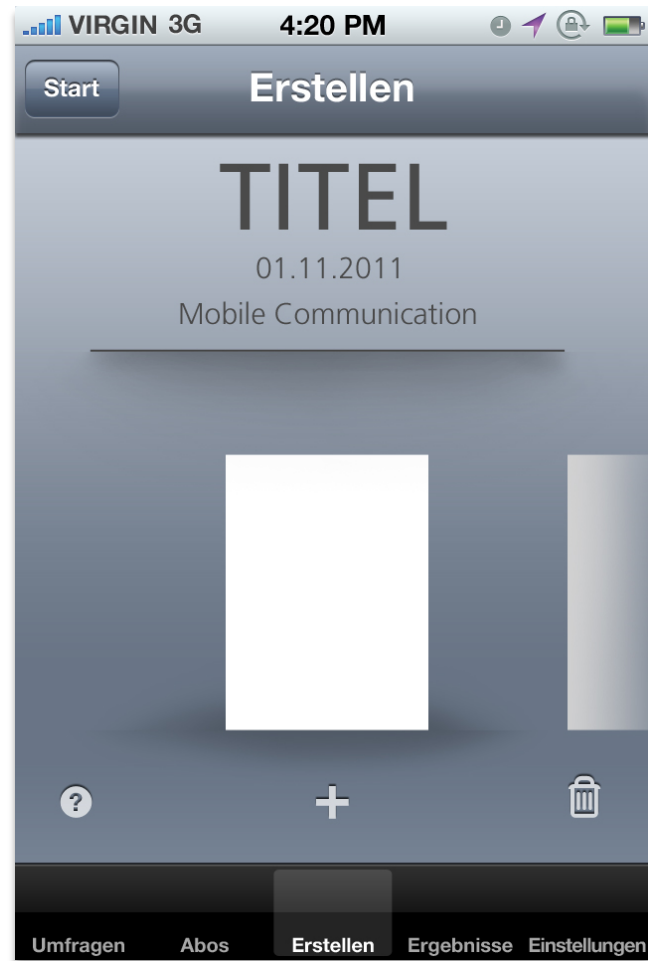
## Second Presentation

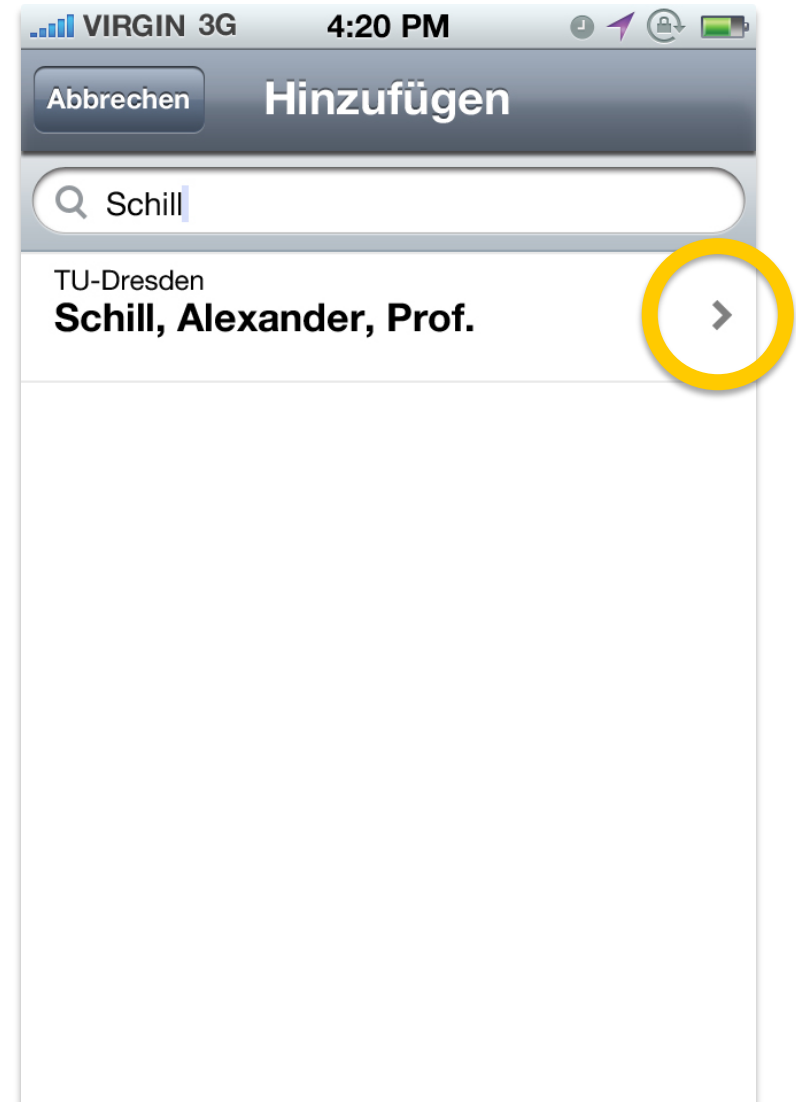
GroupNo. 07

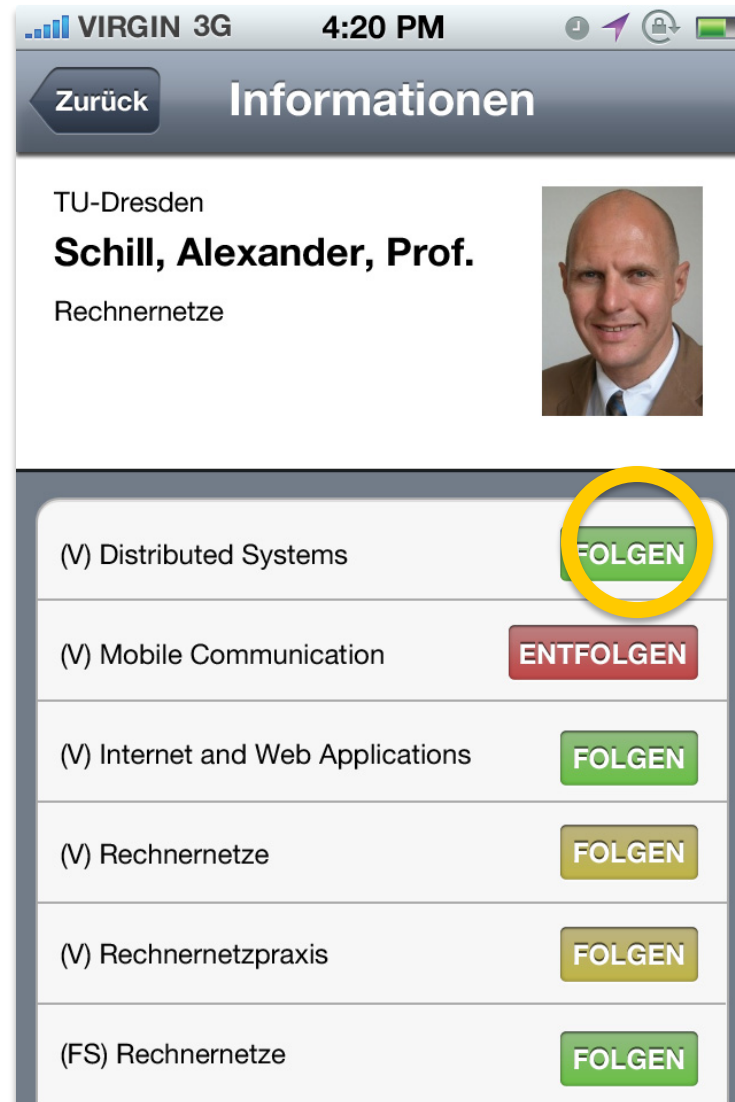
Team: Sten Anderßen, Alexander Manger

- Educational voting application for use in lectures
- Advantage for lecturer
  - Create surveys on demand
  - Access results immediately on the iPhone
- Advantage for students:
  - feel involved (own opinion/vote matters)





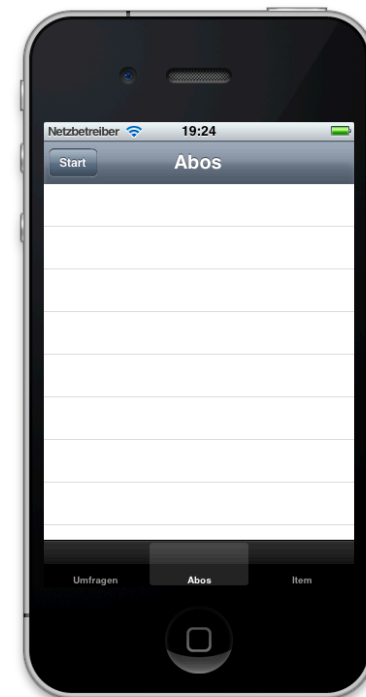
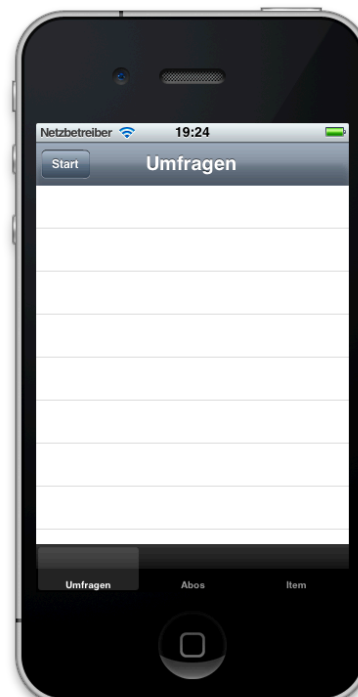






- Web service API for administration: Opina
  - Surveys („Umfragen“)
    - o Create
    - o Delete
    - o Search
  - Contacts („Registrieren“)
    - o Create
    - o Search
    - o Delete
  - Json (for communication)
  - RestKit (Objective-C framework for interaction)
- Objective-C, iOS5.0+ SDK

- Screenshots





- Online user management and survey creation
  - Use of web services via HTTP request (REST)
- Suitable user interface for survey creation on a mobile device
  - Specify appropriate templates
- Push notifications

- Model
  - Implement all the HTTP requests properly
- View
  - Navigation Bars
  - Survey creation
  - Icons, Logo
- Controller
  - Fill Views with content