



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

Faculty of Computer Science Institute of Systems Architecture, Chair of Computer Networks

APPLICATION DEVELOPMENT FOR MOBILE AND UBIQUITOUS COMPUTING

Final Presentation

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Dresden, 04.02.2011

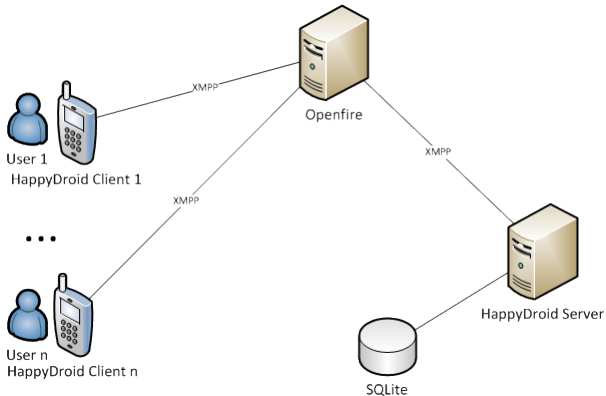
Content

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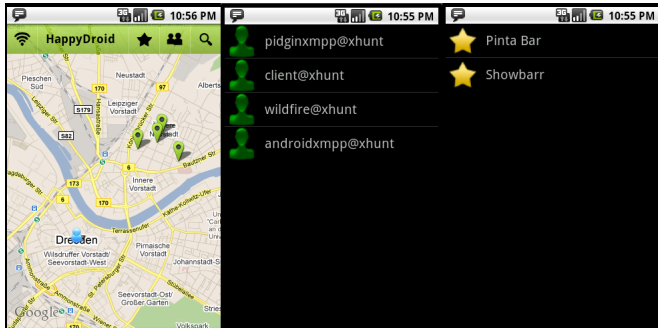
Aim of HappyDroid

- Find HappyHours next to you
- See friends at HappyHour-locations
- Send messages to friends
- Rate and save favourite locations
- Get detailed information of a location

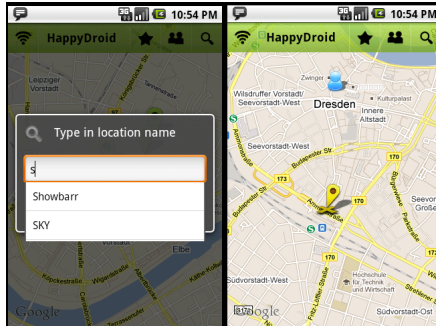
Architecture



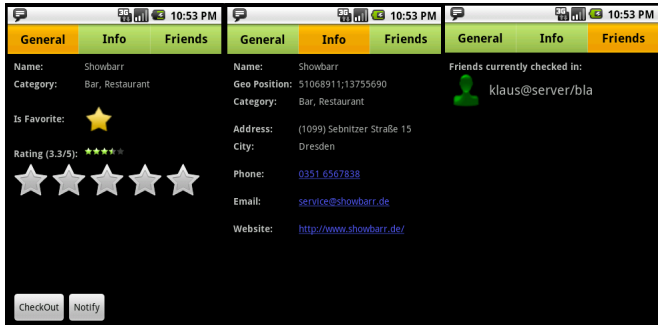
Main View



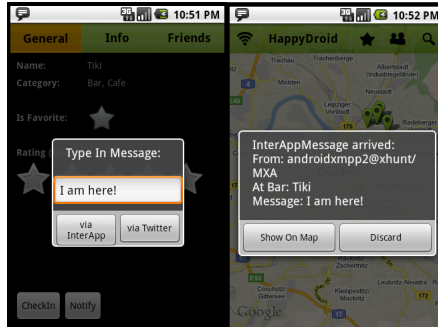
Search Location



Location Details



InterApp Messaging



Limits and Future Work

Limits:

- No real-time chatting
- No time scheduling for an evening

Future Work:

- Chatroom for each location
- route to locations and schedule several HappyHours

Experiences and Problems

Experiences:

- A lot of Android Know-How
- Huge community around Android

Problems:

- Creating layouts in Android
- Communication via Openfire
- SQLite oddities

Thank you for your attention!