

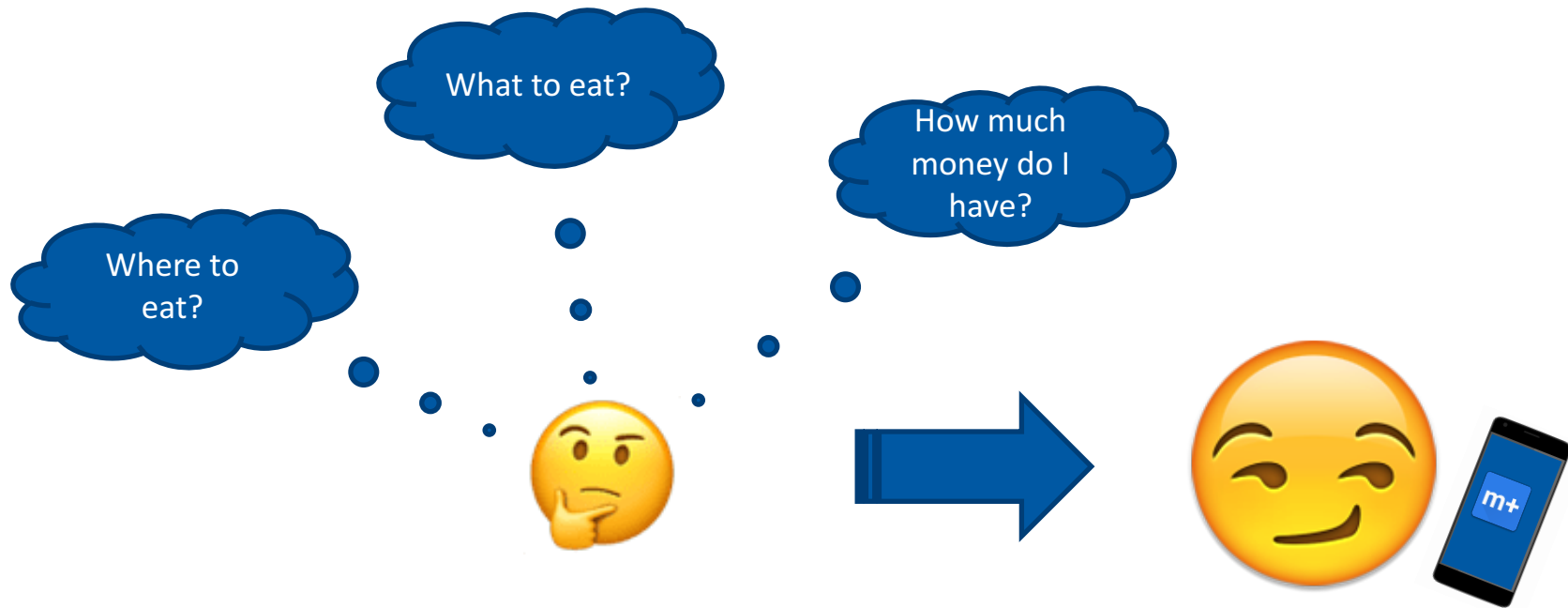
Application Development for Mobile and Ubiquitous Computing

Mensa+

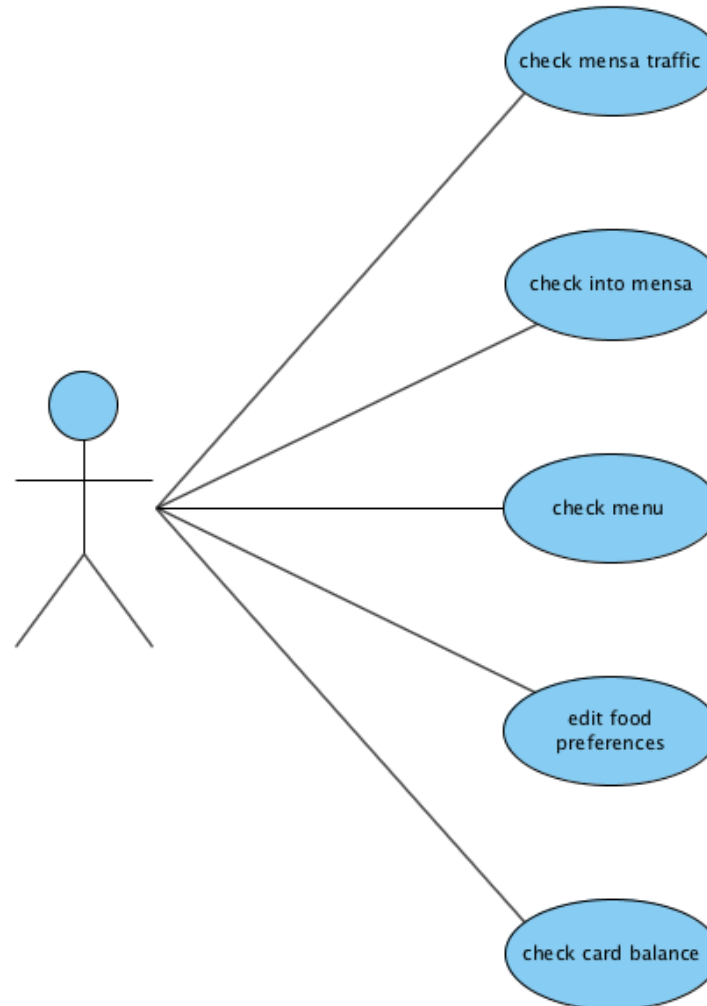
First presentation

Group 09 – Patrick Stiller, Vincenz Herz
04.11.2016

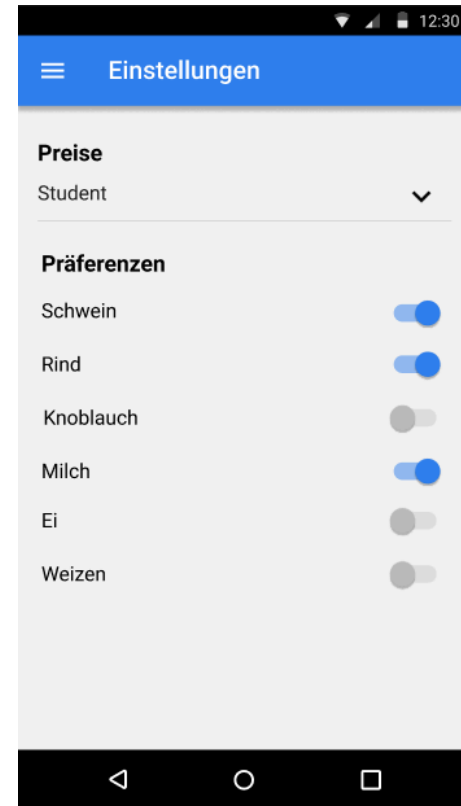
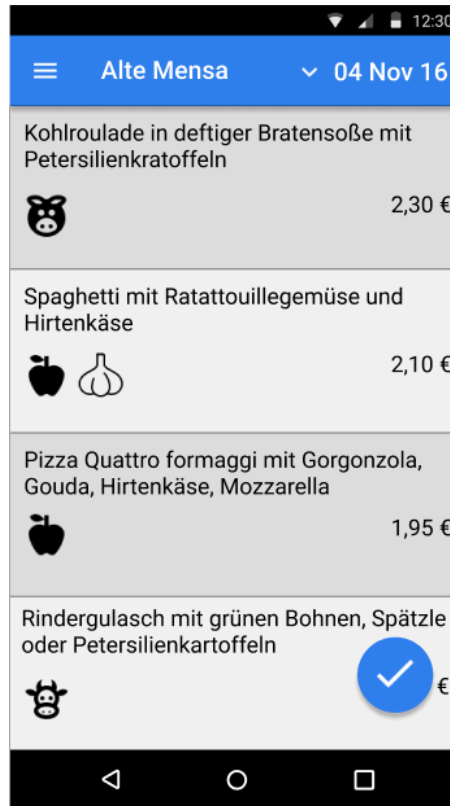
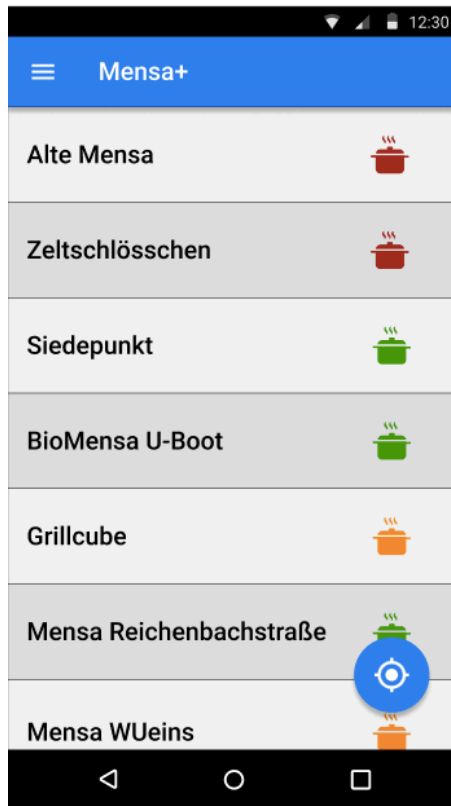
APPLICATION SCENARIO



USE CASE



MOCKUP



TECHNOLOGIES



Android Studio
Android SDK
Java
NFC

lieber
menschen!
gehen

OpenMensa API
JSON



Google Maps API
Google Places API

CHALLENGES

Offline Challenge

- Caching important data
- Save user profile locally

Energy Challenge

- Limited GPS usage
- User chooses download interval

Usability Challenge

- Intuitive user interface
- Automatic NFC detection



WORK PLAN

- 04.11.16** **First presentation**
- Design Concept and start implementation
Finish first prototype
- 16.12.16** **Second presentation**
- Complete implementation step-by-step
Testing and bugfixing
- 27.01.17** **Final presentation**