



TECHNISCHE
UNIVERSITÄT
DRESDEN

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

Application Development for Mobile and Ubiquitous Computing

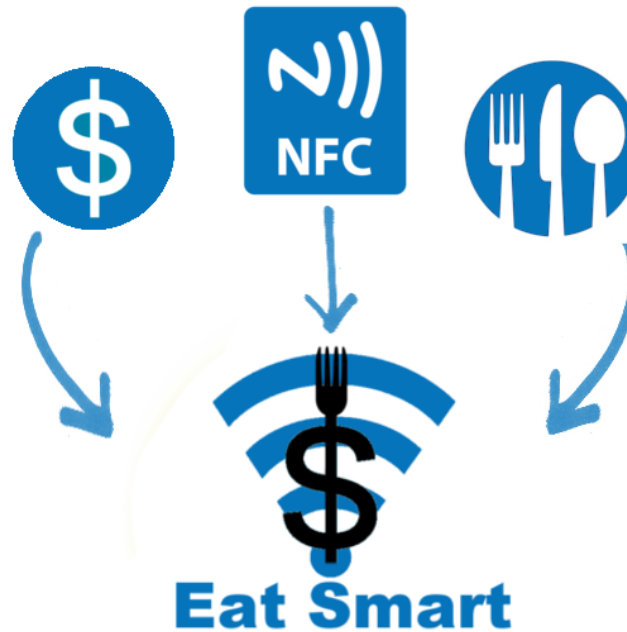
Seminar Task
First Presentation

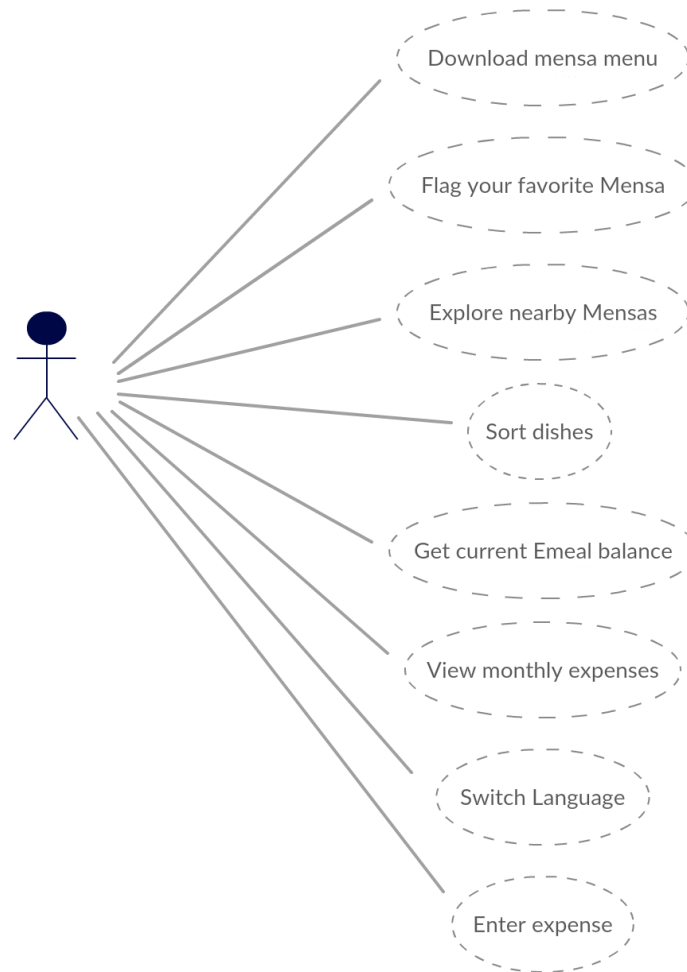
Group No. 14
Team: Thomas Hauptvogel, Daniel Matusek

Dresden, 30.10.2015



DRESDEN
concept
Exzellenz aus
Wissenschaft
und Kultur











- Android application
- OpenMensa API
- MensaGuthaben NFC integration
- GoogleMaps integration
- GPS Location
- Android SDK
- SQLite
- JSON

- Offline challenge
 - Caching menu plan for one week
 - Weekly prefetching data for favorite mensa
- Usability challenge
 - Use even without NFC reader
 - Fast access to favorite mensa
 - Possibility to access nearby mensa first
- Battery life/energy consumption
 - Automatic download only for your favorite mensa
 - Locating you only on purpose

