



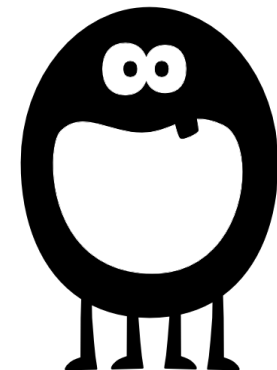
Application Development for Mobile and Ubiquitous Computing

Seminar Task First Presentation

GroupNo. 1

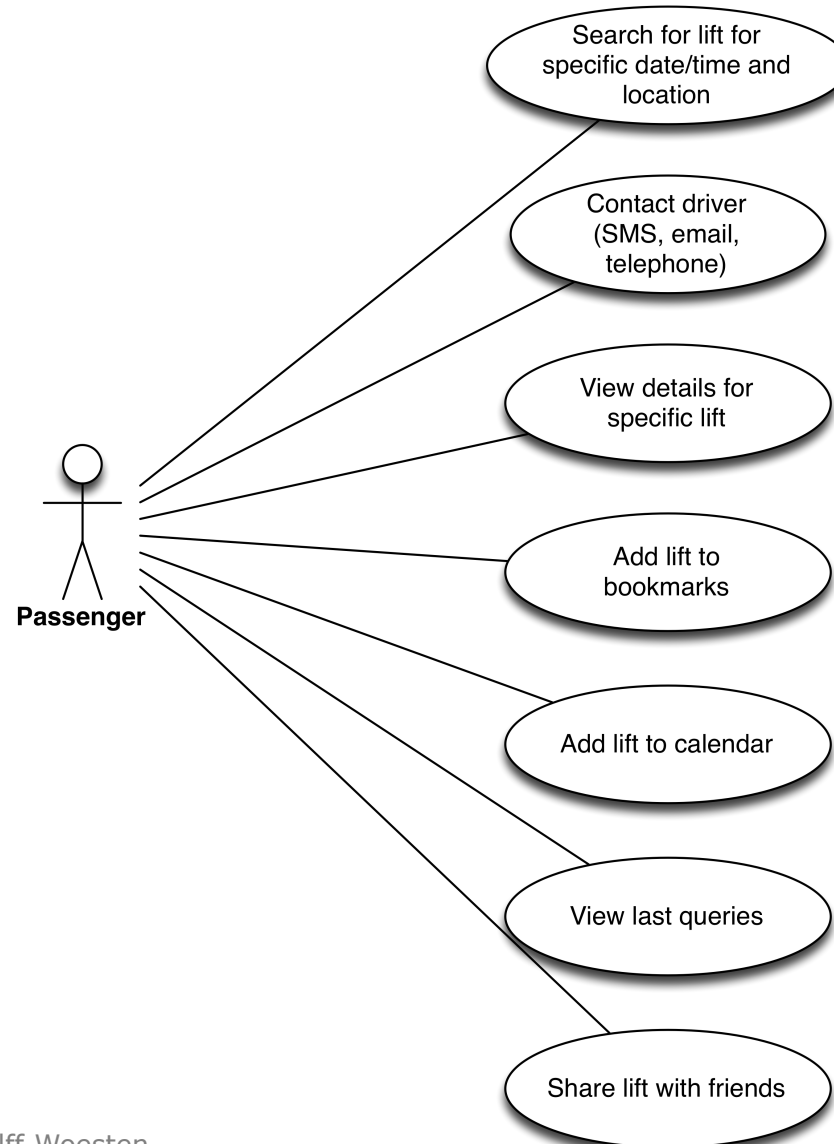
Team: Andreas Hippler, Friedemann Wulff-Woesten

- on March 27th, carpooling.com GmbH (who runs amongst others *market leader mitfahrgelegenheit.de*) introduced **11 % fee**
- in response, many free website gained market share
- **problems:** many websites \Rightarrow user has to search each site
- **solution:** meta search engine for carpooling web sites



- problem for the users of mobile devices: at the moment there is **no app** for existing meta search engines
- there are only some native apps from the carpooling websites itself
- very often you have to **register** in order to use these apps
- so we got in touch with the team behind fahrtfinder.net ...





- Server:
 - provided by fahrtfinder.net, they offer **JSON** API
- Client:
 - iPhone
 - (some additional **HTML parsing** on external websites)
 - we will keep to fahrtfinder's **corporate design** and **style guide**
 - **GPS** for location tracking
 - **SWRevealViewController** library for navigation

Fahrtfinder.net App - first draft



- reducing mobile data traffic by talking directly to API and using compression
- finding matching locations next to user where lift is available
- comply with Apple's AppStore and UI Guidelines
- adopting new **iOS 7** design
- same UIs for **iPhone** 3,5 inch and iPhone 4 inch screen with auto layout

- 21.10.2013: Begin of iOS / Objective-C tutorial (weekly until 03.02.2014)
- 24.10.2013: Begin of implementation
- 01.11.2013: *First presentation*
- 21.11.2013: First prototype
- 20.12.2013: *Second presentation*
- 20.12.2013: Begin of testing on real devices, bugfixing on iPhone 4S / 5
- 31.01.2014: Final presentation
- 31.01.2014: Launch in the App Store