TECHNISCHE UNIVERSITÄT DRESDEN

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

Application Development for Mobile and Ubiquitous Computing

Seminar Task
Second Presentation

Group 12
Team:
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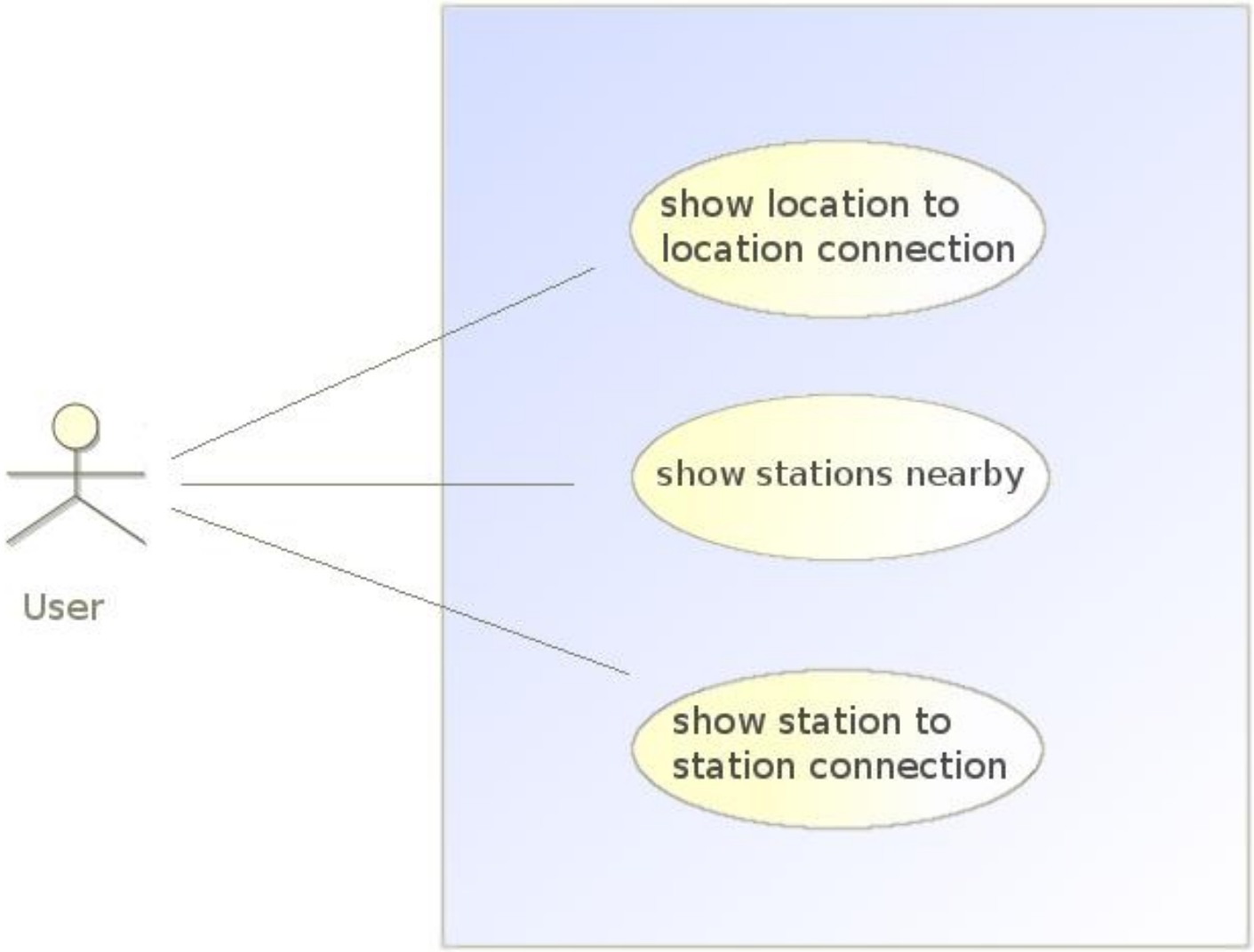
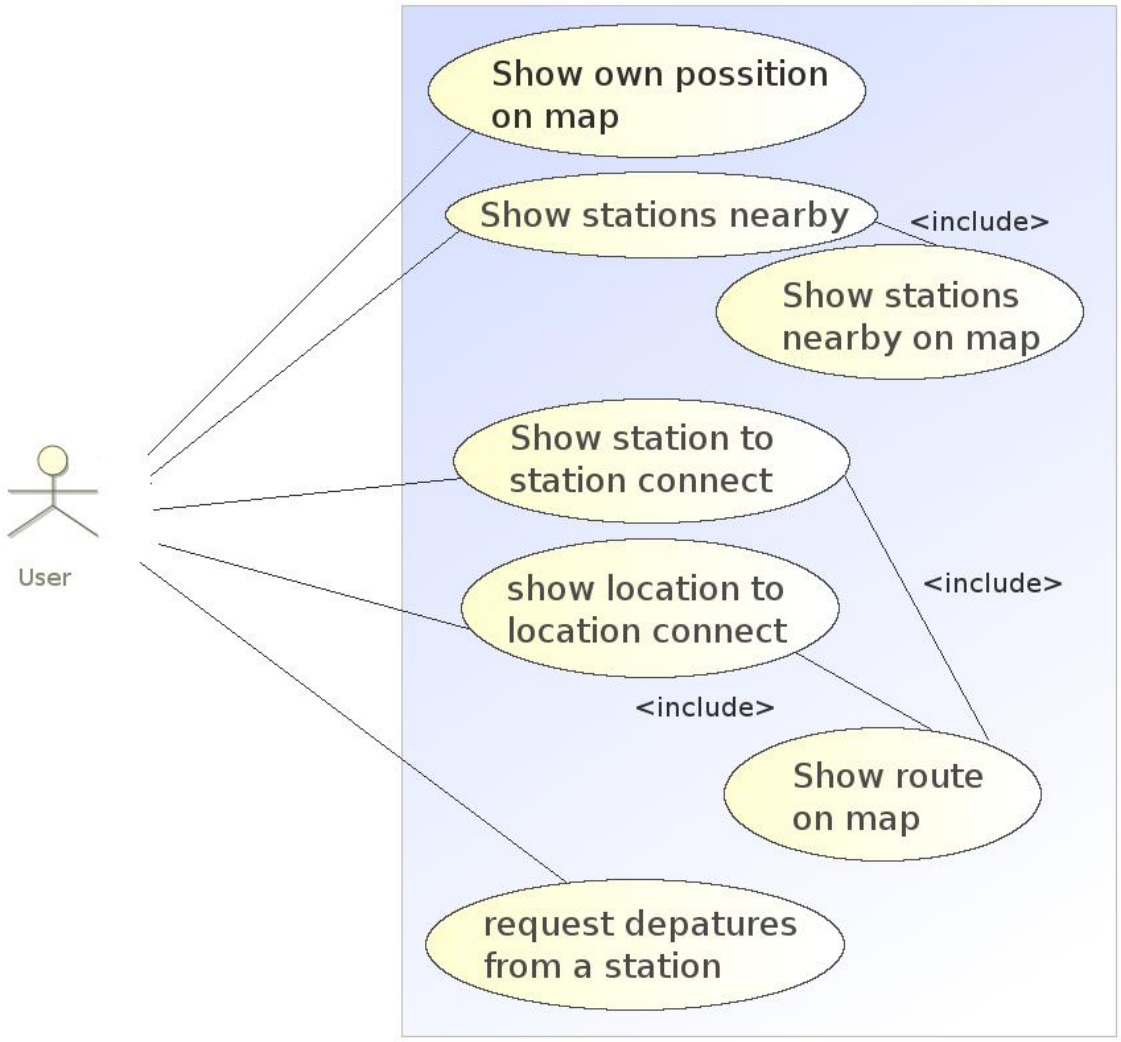
Presentation Outline

- Concept
  - Use Case Diagram
- Application Scenario
  - Mockups
- Problems and Challenges
- Technologies

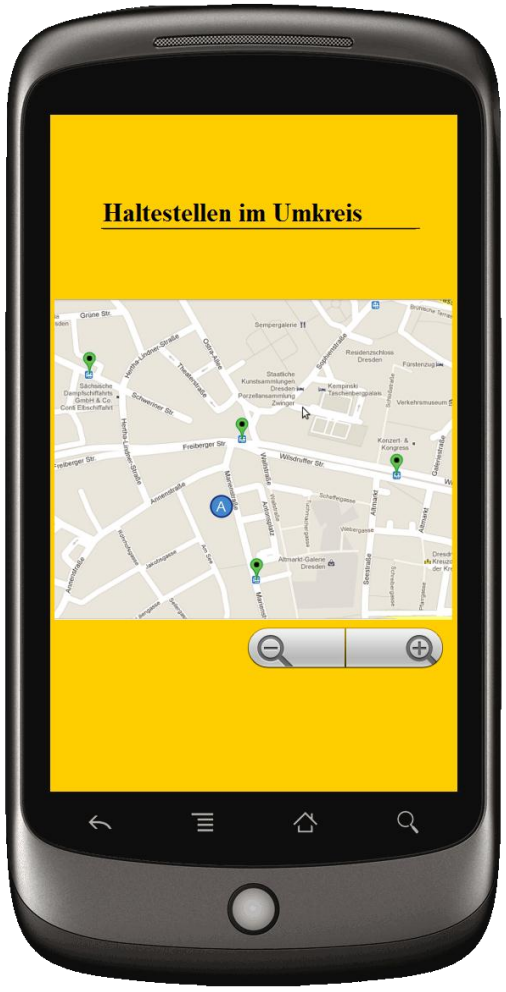
Use Case Diagram: Old



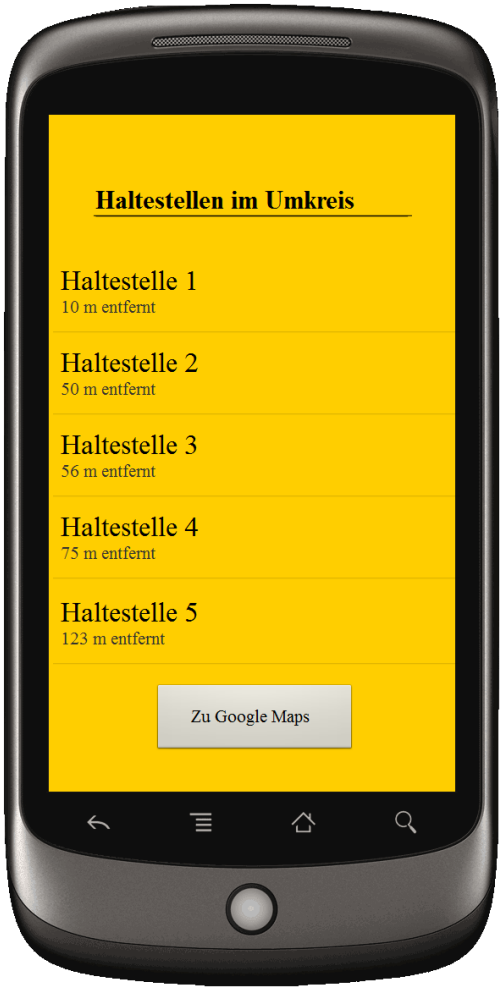
Use Case Diagram: New

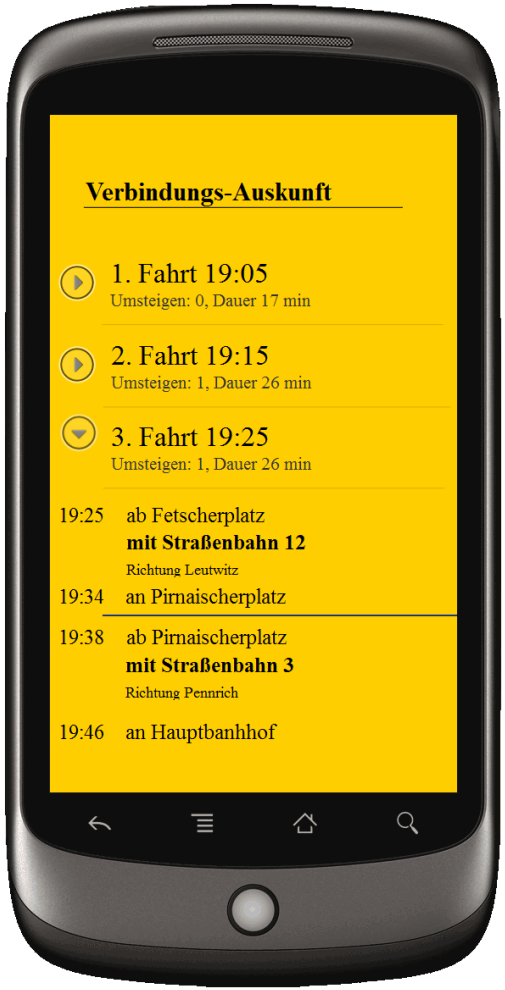


Application Scenario: Currently Working

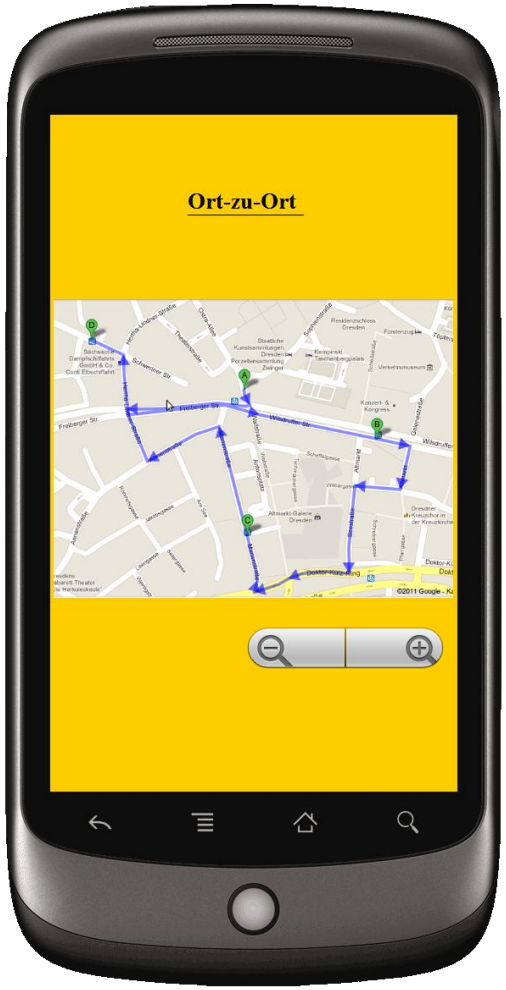


Application Scenario: Work In Progress



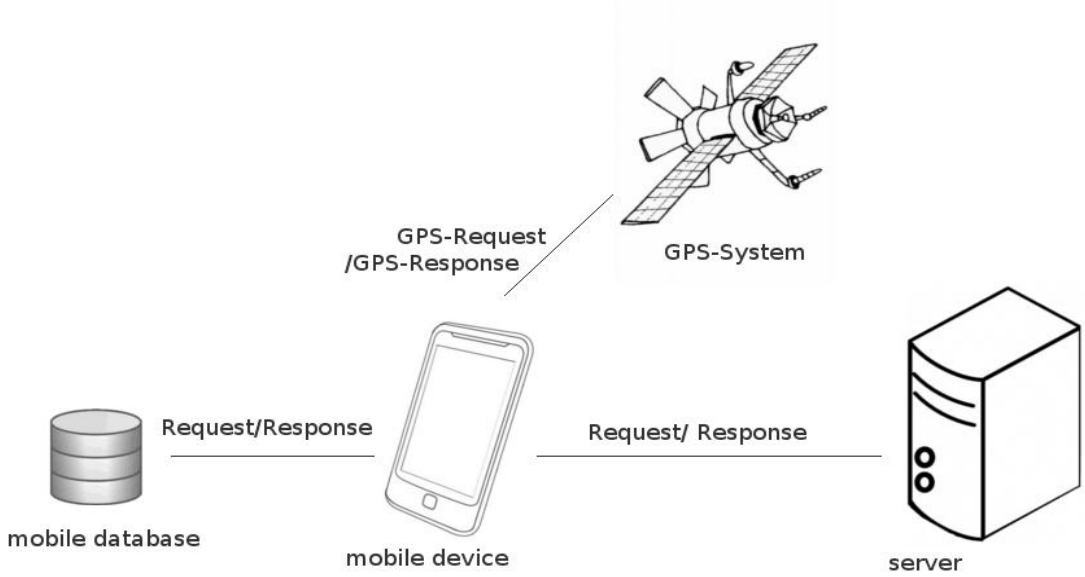


Application Scenario: In Planning



Technologies

- GPS module for location based service
- GoogleMaps for the visualization of current location and stations nearby
- API to request data from DVB-Servers
- OSM used for GPS-Location of Station



Challenges

- Mobile Handset
  - Great variety of Android devices with different Specifications
  - Reducing online data transfer
  - GUI usabilty