



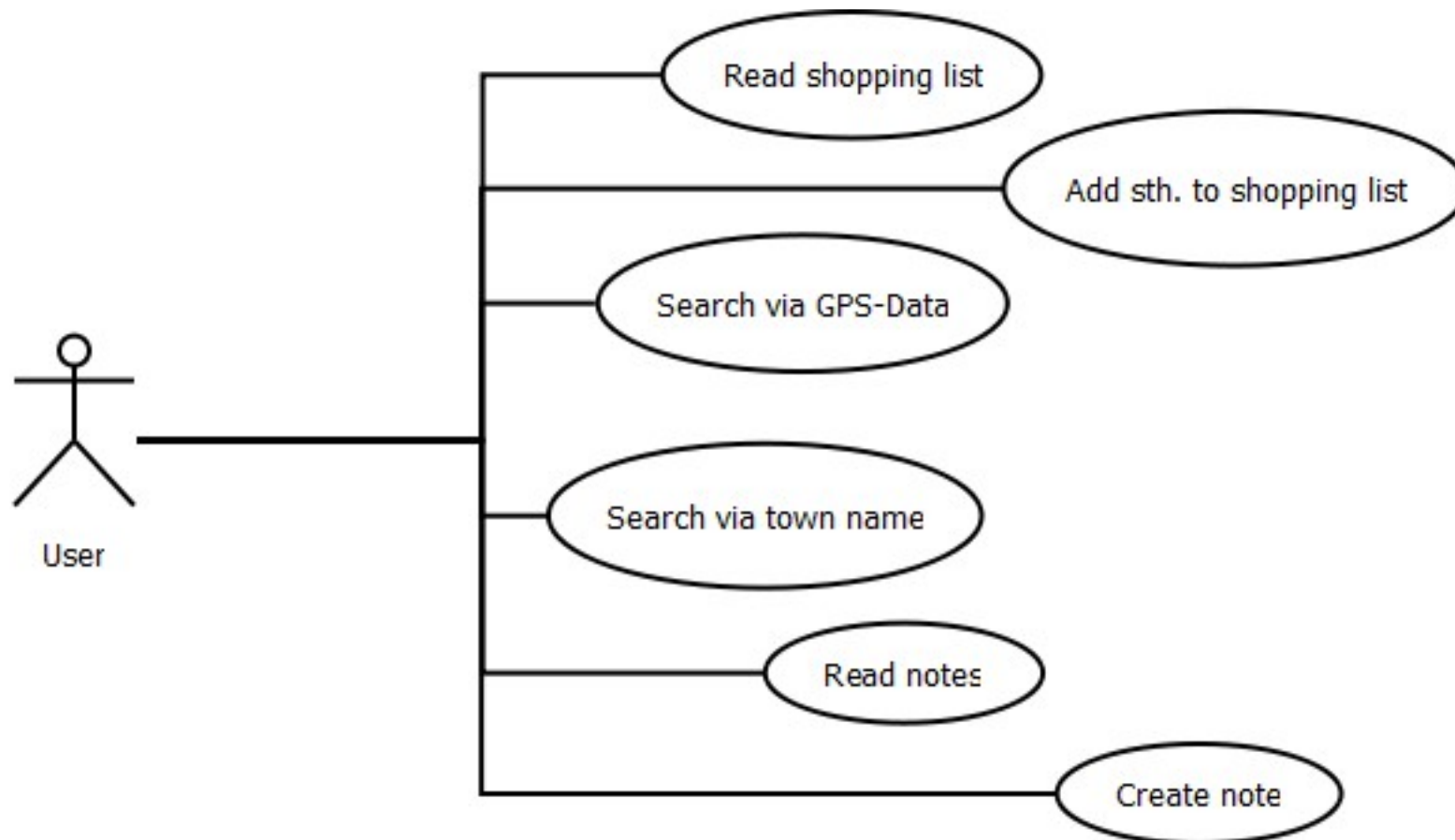
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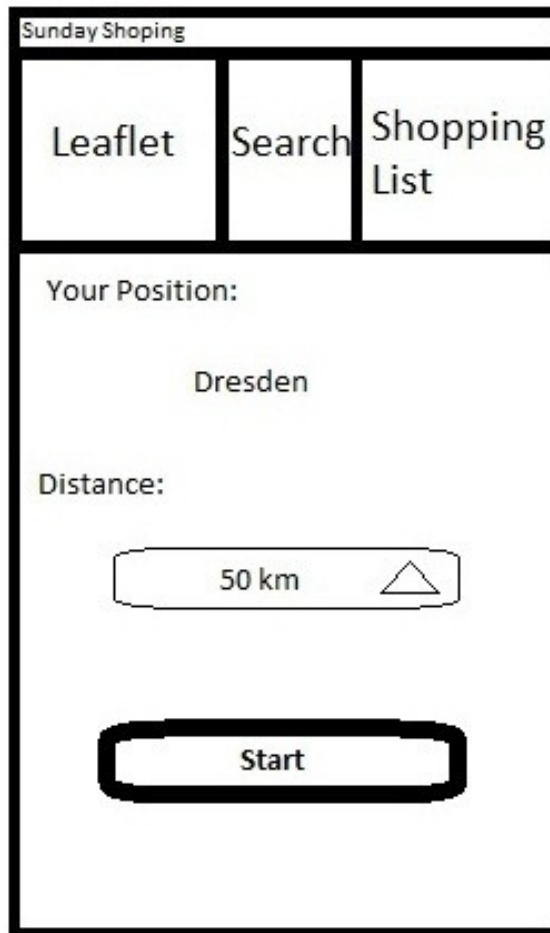
Department of Computer Science Institute for System Architecture, Chair for Computer Networks

# Application Development for Mobile and Ubiquitous Computing Seminar Task First Presentation

Group 22:  
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- Idea: writing an application for Android which informs the user about those special sundays on which the stores are open
- For people who work during the week, open sundays are quite convenient
- Usually announced in the daily press or via radio advertisement
- There also are several web portals that deal with this topic
- Our app scrapes information from one or more of them and displays it directly on the user's smartphone





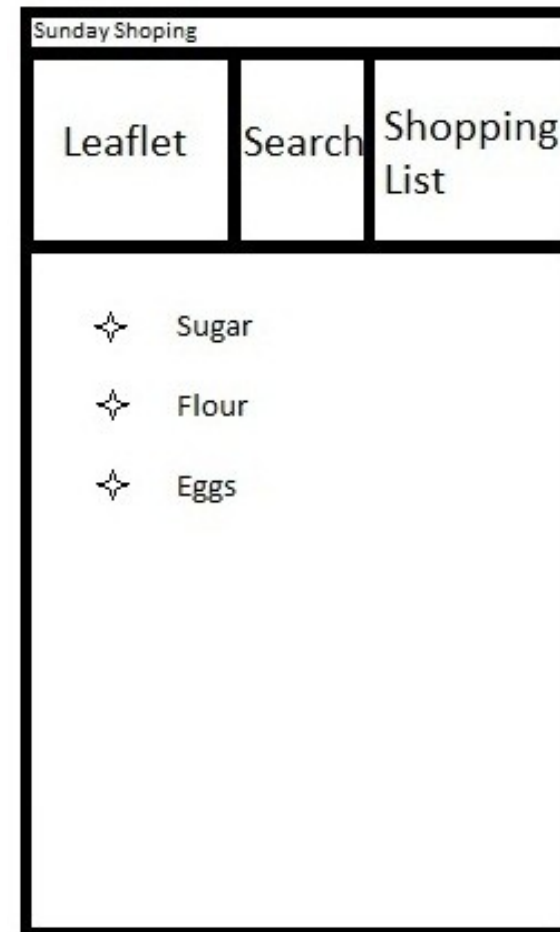
main view



leaflet view



search view



shopping list view

- Our app uses GPS to search automatically based on the user's current whereabouts
- We'd also like to use Google Maps for showing the location of particular stores / shopping centers
- The architecture would be Client-Server, with the smartphone as a client and the website from which we scrape information as the server
  
- As for the platform, we chose to use Android (API 2.2)
- Therefore, the programming language is Java

- The challenge we intend to tackle is the diversity of different screen sizes and screen resolutions
- For saving energy and money, the application should only connect to the internet when needed to
- Usability should be ensured, too

- 21.10.2011 - Meet up with Partner
- 25.10.2011 - Finding App Idea
- 29.10.2011 - Prepare first Presentation
  
- 04.11.2011 - First Presentation
  
- 07.11.2011 - Starting Development
  
- Till 16.12.2011 - Try to fullfil tasks for SP
- 16.12.2011 - Second Presentation
  
- Till 27.01.2011 - Have an implemented and tested App
- 27.01.2011 - Last Presentation