



TECHNISCHE  
UNIVERSITÄT  
DRESDEN

# Application Development for Mobile and Ubiquitous Computing

## **Location Reminders** First Presentation

Group 10

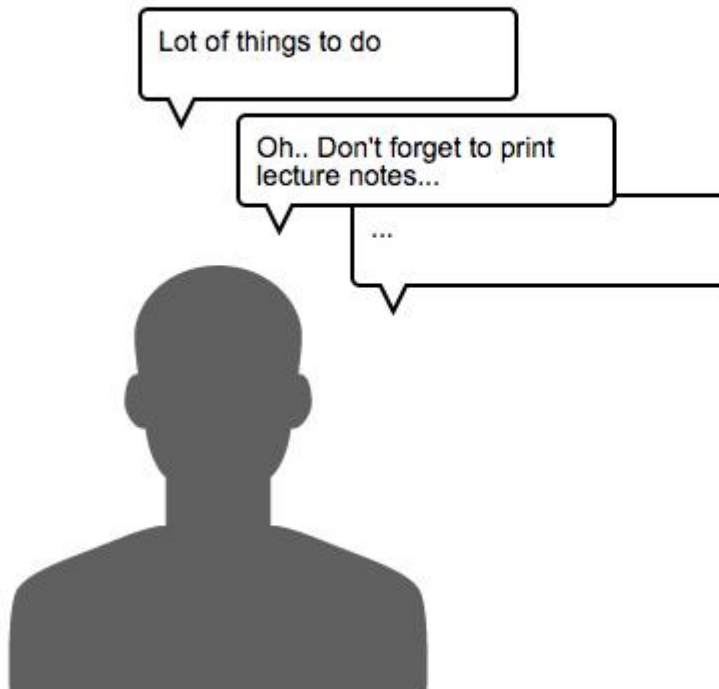
Dresden, 23.09.2011



DRESDEN  
concept  
Exzellenz aus  
Wissenschaft  
und Kultur

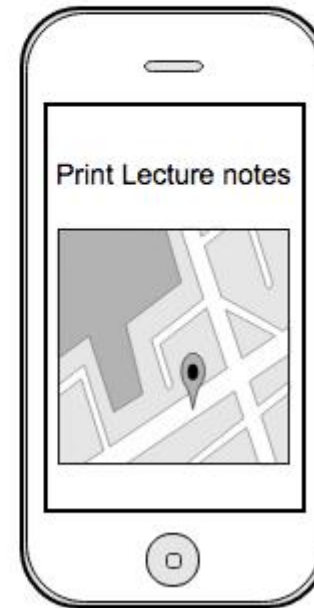
# Application Scenario

## Problem

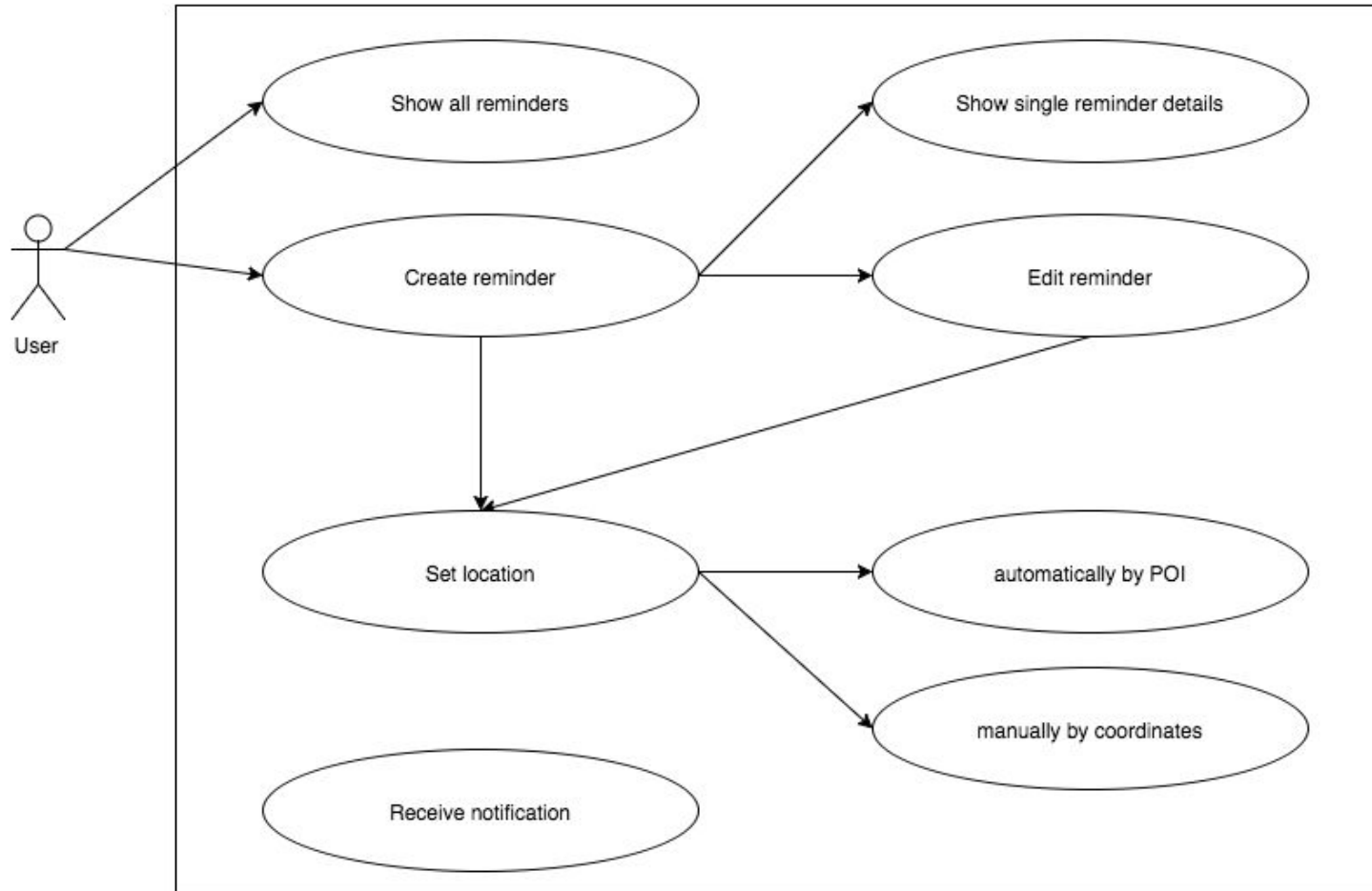


## Solution

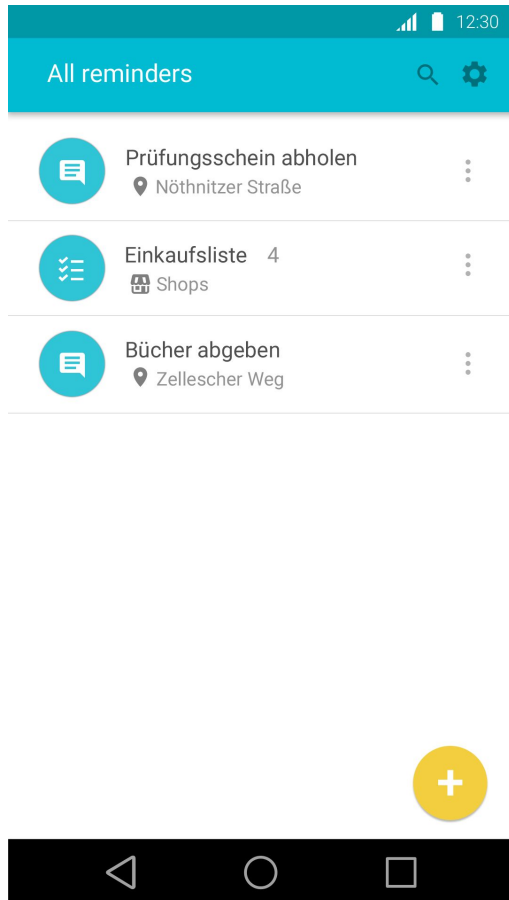
### Location reminders



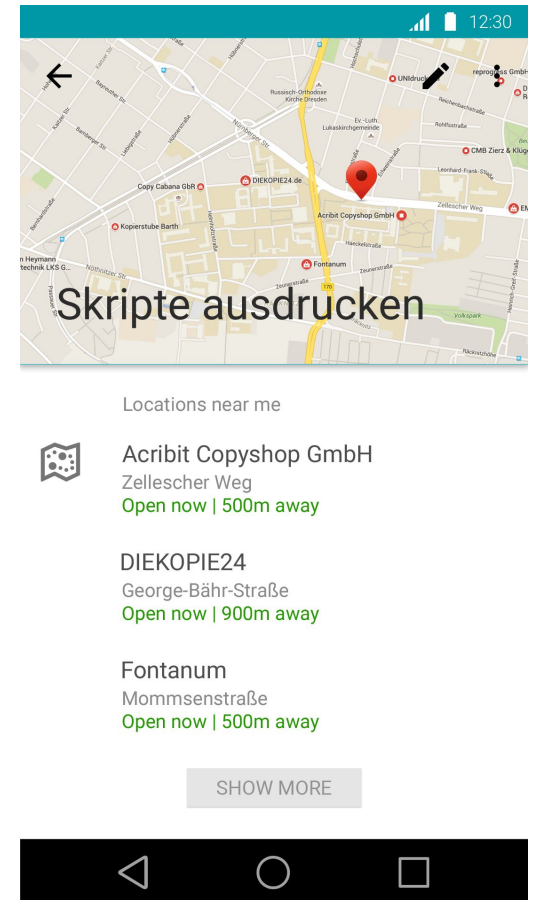
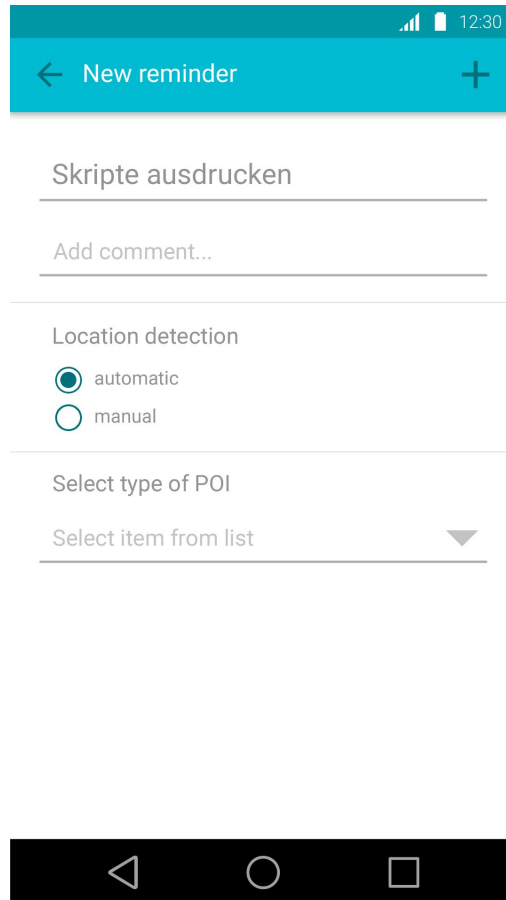
# Use case



# Mockups



Location Reminders



Slide Nr. 4 of 9

Technologies

Android

Places API

Maps API

GPS / Location Data

SQLite



## Challenges

### Offline Challenge

- Save reminders locally
- Download location data on creation



## Challenges



### Connectivity Challenge

- Limit suggestions on mobile networks
- Use multiple location sources

## Challenges

### Energy Challenge

- Let users choose location accuracy
- Limit update frequency
- Cache requested locations





## Work Plan

19.10. - 23.10. Mockups / Presentation

26.10. - 30.10. Design

02.11. - 27.11. Implementation

30.11. - 18.12. Prototype / testing

21.12. - 29.01. Implementation