

Application Development for Mobile and Ubiquitous Computing

# INITIAL PRESENTATION

Event\_Log

Group 14 (Tom Troschütz, Martin  
Klaude)  
Dresden, 04 November 2016

## Structure

- Application Scenario
- Use Cases / Mockup
- Challenges
- Technologies
- Work Plan

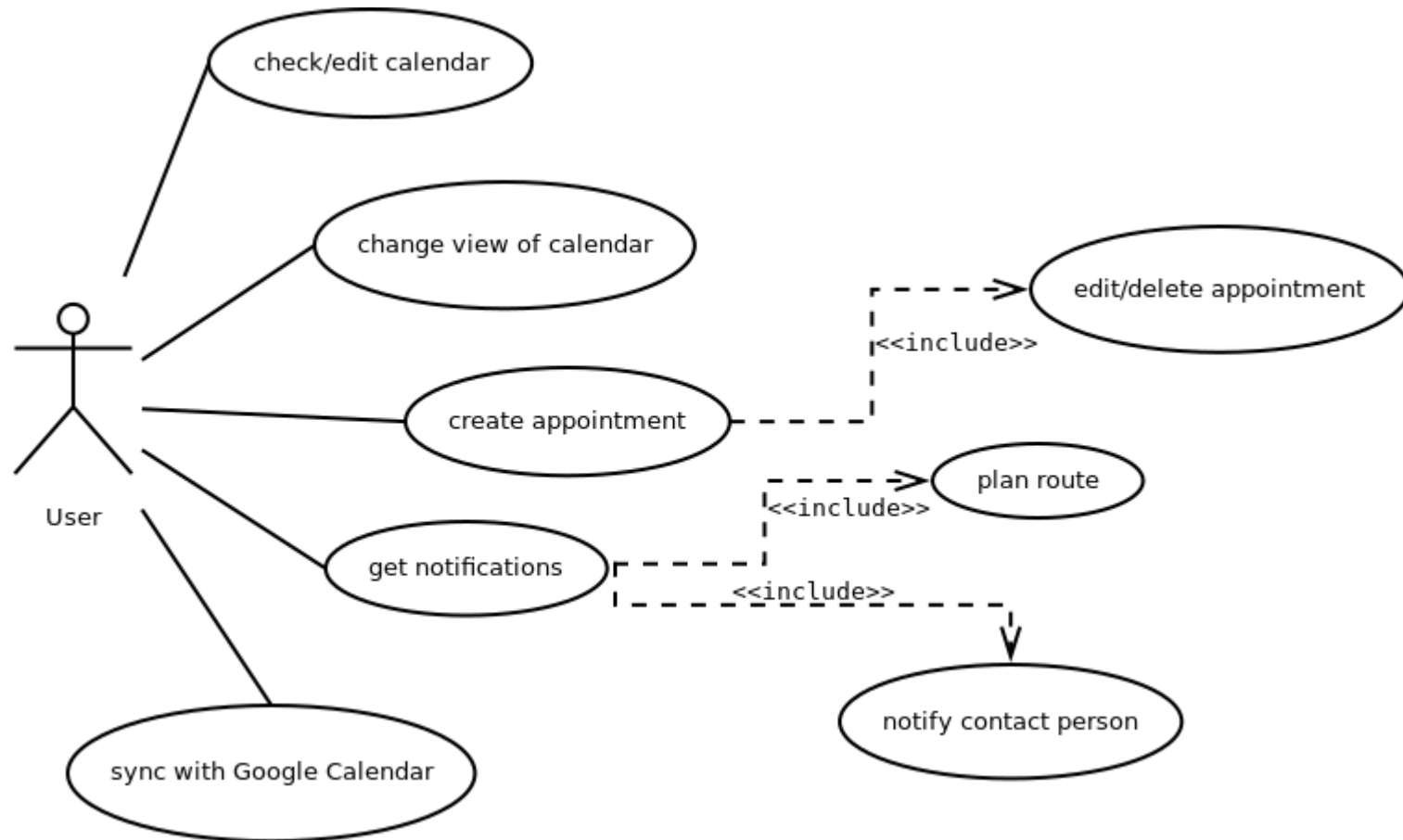
## Application Scenario

- You have problems managing your appointments and events?
- You are often late to your appointments so that you have to inform or contact the person which is waiting?
- You want to get the perfect route to your actual event right from your actual position?
- If you could answer all these questions with "YES" than comes here the idea for an App which can probably fulfil all your needs!

## Application Scenario – in detail

- A simple to use calendar with additional, helpful functions
- Schedule your appointments
  - with additional information like: place, contact, E-Mail, phone number, etc.
- Get a notification for your upcoming event with further options:
  - A route from your current location to the event place with just one click
  - You don't make it in time? → Notify the person which is waiting via different channels like SMS, phone call, E-Mail, also with just one click

# Use Cases



# Mockup

## Event\_Log

< Oktober 2016 >

M	D	M	D	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

04.11.16

## Event\_Log

Termin: Zahnarzt Doktor Meißner

Uhrzeit:  
14:00

verbleibende Zeit: 8 Minuten

Datum: 4.11.2016

Telefonnummer: 0351 4213000

Ort: Klopstockstraße 50, 01157  
Dresden

ROUTE BERECHNEN

Termin rechtzeitig wahrnehmbar?

KOMME ZU SPÄT!

Initial Presentation

## Event\_Log

Hinterlegte Daten nutzen um Termineilnehmer zu informieren?

E-MAIL SCHICKEN

ANRUF STARTEN

E-Mail: zahnarzt\_meißner@gmail.com

Telefonnummer: 0351 4213000

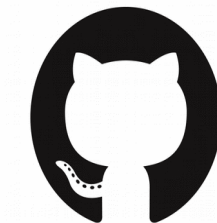
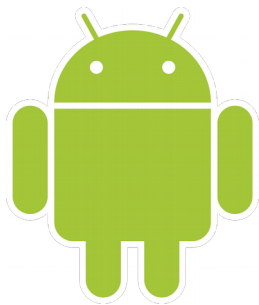
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## Challenges

- Connectivity/Offline challenge
  - Find a route to your event even without internet connection
  - If one contact channel isn't available, e.g. can't send E-Mail because there is no internet connection, use another channel
- Usability challenge
  - Easy-to-use and intuitive UI
  - Not too many buttons, options, etc.
  - Fulfil the needs of the user, e.g. inform user about date collisions

## Technologies

- OS: Android OS
- Language: Java
- Framework: Android Studio
- GitHub
- APIs: GoogleMaps, GoogleCalendar, Calendar Provider
- GPS





## Work Plan

- 04.11.16 – Initial Presentation
- 07.11. - 18.11.16 – UI Design (final) + start of development
- 21.11. - 09.12.16 – intense development
- 16.12.16 – Adaption Presentation + first prototype
- 21.12.16 – 13.01.17 – further development, bugfixing, etc.
- 20.01.17 – fully-working application
- 27.01.17 – Final Presentation