

# Introduction

## Advanced Android Smartphone Programming

University of Freiburg

**Matthias Keil**  
Institute for Computer Science  
Faculty of Engineering  
University of Freiburg

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## 1 General Information

## 2 Organizational Matters



- Android Project
  - Joint Project (Patientenmonitor)
  - Individual Scope of Tasks
- Final Presentation
  - Presentations of the Project
  - Talk of 10 Minutes
  - Individual Part
- Peer Review of Code

## Tasks

- Requirement Analysis
- Programming Tasks
- Comments and Code Quality
- Eclipse Project



- Devision into Individual Tasks
- Team Manager with less programming tasks
  - Coordination
  - Testing
  - ...
- No fine-grained grading system because of individual parts
- Design and implementation
- Presentation



- Provide your source code with comments
  - *if required*
- Clear and understandable style is required
- **Comments do not explain the code**
- Comments clarify its intent

## Bad style

```
1 // declare name
2 // concatenates uid and nr
3 String name = uid + nr;
```

## Good style

```
1 // declares the username used for ...
2 String name = uid + nr;
```





- Description of the implemented program
  - Individual part
  - Intent, requirements, structure, problems, ...
- 10 minutes
- Either in German or in English
- Clear and understandable style is required





## Meetings

- *Tuesday, 4pm - 6pm*
  - *Room SR 00-019, Building 079*
- 
- No weekly meeting.
  - Class attendance is mandatory.
  - Weekly room reservation.





Email to Matthias Keil till  
Wednesday, 22.10.2014 12:00 (midnight)

- *name, prename*
- *email address*
- *tf username*
- *study program/ required ECTS points*







## Assistant / Tutor

### Matthias Keil

**Address** Room 00-013, Building 079

**Email** keilr@informatik.uni-freiburg.de

**Phone** +49 (0)761 203 8060

**Webpage** [proglang/teaching/androiddevelopment/2014/](http://proglang/teaching/androiddevelopment/2014/)

**SVN** <https://proglang.informatik.uni-freiburg.de/svn/aasp>



# Preliminary Timetable

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- 1) 21.10.2013 Kick-Off Meeting/ Introduction
- 2) 28.10.2013 Project Presentations by Matthias Roth
- 3) 04.11.2013 End: Project Description
- 4) 11.11.2013
- 5) 18.11.2013 End: Design Phase
- 6) 25.11.2013
- 7) 04.12.2013
- 8) 09.12.2013 End: Development Phase 1
- 9) 16.12.2013
- 10) 25.12.2013
- 11) 30.12.2013 *Christmas break*
- 12) 06.01.2014 *Christmas break*
- 13) 13.01.2014 End: Development Phase 2
- 14) 20.01.2014
- 15) 27.01.2014 End: Development Phase 3
- 16) 03.02.2014
- 17) 10.02.2014 Final Release / Presentation





## Patientenmonitor ?





- Monitor
  - Views
  - Diagrams
  - Settings
- Controller
  - Parameter
  - Settings
  - Network

