

Introduction

Advanced Android Smartphone Programming

University of Freiburg

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1 General Information

2 Organizational Matters



- Joint Android Project with individual tasks

Tasks

- Requirement Analysis
- Programming Tasks
- Comments and Code Quality
- Efficiency and Usability
- *Android Studio Project/* published with *The MIT License*



- Devision into individual programming Tasks
- Coordinative tasks
 - Team Manager/ Coordination
 - Testing Manager
 - Code Quality Manager
 - Website/ Documentation
 - ...
- 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

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





Email to Matthias Keil until
Thursday, 22.10.2015 12:00 (midnight)

- *name, prename*
- *email address*
- *tf username (pool account)*
- *study program*





Assistant / Tutor

Matthias Keil

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Webpage proglang/teaching/androiddevelopment/2015/

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



Preliminary Timetable

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- 1) 19.10.2015 **Kick-Off Meeting**
- 2) 26.10.2015
- 3) 02.11.2015 **End: Project Description**
- 4) 09.11.2015
- 5) 16.11.2015 **End: Design Phase**
- 6) 23.11.2015
- 7) 30.12.2015
- 8) 07.12.2015 **End: Development Phase 1**
- 9) 14.12.2015
- 10) 21.12.2015
- 11) 28.12.2015 *Christmas break*
- 12) 04.01.2016 *Christmas break*
- 13) 11.01.2016 **End: Development Phase 2**
- 14) 18.01.2016
- 15) 25.01.2016 **End: Development Phase 3**
- 16) 01.02.2016
- 17) 08.02.2016 **Final Release / Presentation**





Lecture App

