

Exercise 5 – May 25th, 2018 **Research Project**

Research Project

The basic idea of the project is to implement (some aspects of) a recent research paper in an Android app. A selection of papers is available in Moodle. The planned timeline of the project looks as follows:

- May 10th: papers online, read the abstracts to get an idea about each one
- May 16th: Q&A during lecture regarding paper contents
- May 23nd: complete questionnaire in Moodle, select 3 preferred papers per team
- May 25th: paper assignments online, read in-depth and start planning
- June 1st: submit short project summary in Moodle (~ 0.5 page summary of original paper, 0.5 page plan for own implementation)
- June 8th: tutorial, Q&A regarding implementation
- June 22nd: tutorial, Q&A regarding implementation
- July 11th: (last lecture slot): elevator pitch (~ 3 minutes) per team, with video
- September 25th: final deadline for own summary paper about the project, source code + demo video

Deliverables

- Select your three favorite papers in Moodle no later than May 23rd, 23:55.
- Submit a half-page summary of your assigned paper and a half-page summary about how you want to implement your own version in Moodle by June 1st.
- Give a short presentation (elevator pitch, 3-4 minutes) & demo video about your implementation on July 11th (timeslot to be assigned).
- Write a short paper (~ 4 pages in ACM format) about your project describing your implementation, what design decisions you made, where/how you deviated from the paper etc. by September 25th.
- Create a video of about 1 minute length showing your prototype in action by September 25th. Depending on quality, you can use the same video as in your presentation.
- Provide a link to a Github repository with your implementation, including a working APK, along with the final presentation, your video, and your documentation no later than September 25th.