



Project report

Deadline: **15-06-2018 at 23:59**

The final hand-in of the Advanced Augmented Reality Project course is a group project report. This document provides some details about the requirements for the report. These points are an orientation and it might be that not all of them are applicable to your project.

Format

- Download the [ACM proceedings template](#) for L^AT_EX / Word. Make the report based on the *ACM Large* sample.
- The report has to consist of **8 to 12 pages** in the given template including figures, excluding references.
- The language of the report has to be English.
- Feel free to create figures if it supports your analysis. Hand-drawn figures are fine, if you do not want to use Illustrator or similar

Content

The percentages in brackets are proposals for how to allocate the space in your report. They are not necessarily the weights for the grading.

Abstract

The essential contribution and investigation of your work in the context of related work, as well as findings from preliminary user testing, summarized in 150 words.

Introduction (~ 10%)

- Introduce the motivation / problem / challenge
- Introduce the solution / concept / idea
- Briefly, argue why this is novel or interesting compared to what others have done (Note! Save details for related work)

Related Work (~ 10%)

Short literature review about the field/domain, what are the most important papers?

- What were the pioneering papers in the area
- What is state-of-the art today?
- Argue for how your work is positioned in relation to previous work in the research area.

You can follow some practical guides on literature reviews in [this video](#).

Interaction Design (~ 20%)

- Present the design idea through a use case scenario
- Argue for the important design rationales and decisions made in the prototype. Why is the proposed design a good fit for this use case?

System Implementation (~ 20%)

Describe and argue for the implementation using concepts and terms from the previous AR course.

Proof-of-Concept Evaluation (~ 15%)

Evaluate the system in a preliminary user test, where you set up the use case scenario for your system, present it to a small group of participants and get qualitative feedback on the user experience. Prepare one (or a few) central question(s) that you want to interview the participants about.

Discussion (~ 15%)

Discuss your design and implementation in comparison to alternative solutions (relating to prior work in the area). Reflect on the advantages and disadvantages of your design and system implementation. If applicable, use the feedback from the preliminary user evaluation to discuss the system.

Future Work and Conclusions (~ 10%)

Discuss potential future directions of this project – both short-term and long-term prospects.

Accompanying Video

Include a video that sells the project you did

- conveying and motivating the concept of the project
- demonstrating the functional prototype(s)

The video should be uploaded as a YouTube link (choose unlisted, when uploading). The link should be included on page 1 of the report.

Overall assessment

You should upload the report as PDF at 23:59 on June 15th 2018. The grade will be based on an overall assessment of the report, the prototype presentation, and the individual oral exams.