Bachelor / Master Project Guide

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Welcome to the CGMI Student Project Guideline! This helpful PDF file provides detailed steps for students planning to do their project at our Visual Computing Group.

1 Choosing a Topic

Choosing a topic is the first step in starting your project. You can browse the topics listed on our website or propose your own topic to a advisor who works on topics close to your area of interest. Contact the responsible advisor if you have identified a topic you are interested in. You should get familiar with the topic of your project and then frame and work out the project details independently. Please discuss the research direction with your advisor. Set clear goals (in agreement with your advisor) that you want to achieve until the end of the project that show your contribution.

2 Problem Solving

In general, you should first try to solve your problems on your own by spending some time researching online before asking your advisor for help. This will help you develop your problem-solving skills and become more independent in your work.

3 Project Presentation

You must present your work to the group and other students after 50-80% of the project period. The advisor will organize this presentation once your project status is ready to present. Feedback on the project presentation should be included before the students write the final report. Typically, the presentation should be 20-25 minutes long, followed by a 5-10 minute discussion (max. 30 minutes total). You'll receive feedback from the audience afterward.

4 Code and Dataset Submission

At the end of the project, you MUST submit your code and used dataset(s) (e.g., preferably via GitHub, a single zip file, or cloud.uni.kn), and the final report as a PDF via E-Mail to your advisor.

5 Project Deadlines

The project start requires you to submit a Project Registration Form (signed by examiner and student) that requires project title, milestone plan, and project proposal. The registration and submission deadlines of BS Projects and MS Projects are stated on the Department of Computer and Information Science website.

6 Final Report

The final report should include the progress during the project and all results. You should use the ACM or IEEE Template for formatting. The background section of the final project report is a great starting point for the Related Work section of the final thesis. Ensure that your chosen related work is suitable for your topic. A code documentation/manual about your code is very helpful and appreciated. You can use a docs generator instead of writing it manually. The final report should be submitted as a PDF via E-Mail to your advisor.

We hope this guideline helps you successfully complete your project!