Advanced Data Structures: Final Report

Florian Kurpicz ✉

Matrikelnummer

──── **Abstract** ────────────────────────────

This document gives an overview of *one* possible structure of the final report.

1 Introduction

In this section, we describe the problem, give a few pointers to literature, and a brief overview of our solution. Overall, this section should be not longer than half a page.

2 Algorithms and Data Structures

We now describe the algorithms and data structures that we have implemented. It can be a good idea to use subsections for different topics. There are also two options on how to describe interesting parts of the implementation: either they are entwined with the description of the algorithm or there is an additional section, where the implementation is described. In the former case, this section can be close to one page long. Otherwise, this section should be about half a page long and both, the introduction and this section should fit on this page.

3 Implementation (optional, see previous section)

If some interesting implementation details have not been discussed in the previous section, they should be discussed here. Overall, due to the space constraints, this section should be no longer than half a page.

4 Experimental Evaluation

In this section, the results of the experimental evaluation are discussed. To this end, there should be a brief description of the hardware and instances used for the evaluation. The main part of the evaluation should be the interpretation of the results. Remember that figures do not count towards the page limit!