

# Structure

1. Front page - names, logo, title, say that it is a confidential project
2. Abstract
3. Table of content
4. Case - reason why it is a valid project
5. Analysis (maybe this is bad name) - how do we wanna go about solving the problem
6. Cloud - hot, cold storage
  - a. (They already have 2 validated cloud providers) maybe we can analyse these a little?
  - b. Something about that they maybe need or would like to use 2 cloud providers to guarantee 99.99% uptime, is there any savings then?
  - c. Maybe propose the use of an algorithm to see if some PDF's can be put in even cheaper and slower storage tiers. (Is it really relevant to make this rather than just talking about it?)
  - d. Include read/write matrices.
7. Compile in real time (maybe exclude this)
  - a. We found out that they already sometimes do this, so is it really relevant to talk more about it?
8. Algorithms
  - a. Intro
  - b. Systematic literature review
  - c. Middle intro (which ones from the SLR do we wanna test, and what else will we test)
  - d. Benchmarking
    - i. Analyze what programming language to use
    - ii. Develop the test benchmark
    - iii. Making of a test dataset
  - e. Implementation and testing of PPMonstr
  - f. Implementation and testing of LZMA
  - g. Development, implementation and testing of our own method
  - h. Little research about good compression methods for ATP
    - i. implementation and testing of one of these
    - ii. compile ATP to PDF, test with above mentioned methods for PDF's (PPMonstr, LZMA, our) on compiled files and original
  - i. Little research about good compression methods for Binary
    - i. implementation and testing of one (both PDF, and ATP files)
9. Results
  - a. Our findings
  - b. discuss the results from tests
  - c. Talk about validity threats with our testing
10. Conclusion
11. Appendix
  - a. NDA