

## DP Preliminary Report Guidelines

*This document explains the scope of your DP Preliminary Report (DPPR). You should also read the [DPPR Writing Guidelines](#).*

*The DPPR is due at 5:00pm on March 22nd. You will submit it via the [submission site](#). We only need one copy of the DPPR per team.*

The preliminary report is the first deliverable of the design project. It serves as an opportunity for you to get technical feedback on your design, so that you can make improvements for your presentation and final report.

Your preliminary report should contain enough information to convince us that your design is reasonable, but it does not need to describe every single detail of the system. That means:

- Your report should clearly lay out the problem and explain the challenges your system needs to overcome.
- You should characterize your system at a high level and describe how it will meet the requirements. Doing so may require you to explain some of the implementation details.
- You should state any assumptions that you made in your design.
- You should address the use cases given in the design project description, since those use cases should inform how you design your system.
- You do *not* need to evaluate your design; an evaluation section will be part of your final report, but not the preliminary report.

Your report should be written for a broad range of systems experts from different fields, and should build on our framework of key concepts such as modularity, simplicity, scalability, fault-tolerance, etc., using specific technical language as appropriate.

The preliminary report should be approximately 2500 words. We care more about the content of your report than the exact word-count. However, if you're writing significantly more than 2500 words, you're giving too much detail; if you're writing significantly less, there is not enough detail.