

Final Project Write up and Presentation guidelines

eSoc 495: Information Privacy with Applications

Due: 15 December 2021 at 3:30 PM (MST)

Total Homework/Assignment Points: 225

1 Goals

The purpose of the write-up and presentation is to demonstrate your ability to communicate complex, technical issues in privacy to a broad audience. The first step in doing that is to present your project's goals clearly and concisely: what is the privacy problem you are trying to address? Why is it an important problem? What are examples of that privacy problem? What are the **nong**oals of the project?

Next you should provide some context for the work you have done. What existing projects are there to address the problem you're interested in? ¹ Give some details about how these projects work, and provide some general comment on where you have done things differently (the details of how you do things will come in the next section, so keep these comments general).

Next state your objectives: what do you want the system to do? Obviously, you should include how doing those things will serve the goals you've stated at the beginning. You may wish to label these objectives explicitly so that you can refer to them in the next section.

Now, provide a description of the project. A good general approach here is to describe things abstractly at the beginning, and then become more specific. Here you should include a subsection giving your threat model. Be sure to include details about assets (primary and secondary "stepping stones"), and adversaries. Explain how your system works to provide the privacy properties you've stated as part of your objectives.

This need not be a long document, or take a lot of time to write. Just try to address each point above clearly, so that I have a good idea of your project after reading what you have written.

Your presentation should cover much of the same material, but in a form suited to verbal presentation to an audience—you will have 10 to 15 minutes to present, so make sure you plan accordingly.

¹These may be handling related, but distinct problems: if so, be clear about it.