

# Final Submission Requirements

## 1 Final Presentation – Due December 5th

You are required to complete a practice presentation by November 30th and give the final presentation at the SLS or during the class period on December 5th. All of the recommendations for the midterm presentation apply to the final presentation as well. You should plan for each team member to speak for 10-15 minutes. If you think you will need more time, you should come speak with me. I can advise you regarding whether more time is actually necessary, or portion of your talk should be cut.

Following is a recommended structure, though, your structure will vary based on the nature of your project, the size of your group, etc.

1. Introduction and Goals – Provide an overview of your project area and explicitly list the goals of your project. For most of you, this will be very similar to the introduction of your midterm presentation.
2. Design – Provide a detailed description of the design of your project, making sure to provide any necessary background such as the design of a previous architecture.
3. Implementation – Provide a detailed description of the relevant implementation details of your project. Though, keep in mind that you do not need to provide every detail, only those that are relevant and/or interesting to a broader audience. Also, you may want to focus more on the pieces you have completed since the midterm presentation. But, your talk should be easily understandable by someone who did not attend the midterm presentation and has no knowledge of your work.
4. Results/Demonstration – Provide detailed discussion of any results you have gathered, or give a detailed demonstration of your final product. This is a key piece of the final presentation and will be considerably more significant than this portion of the midterm presentation for most of you.
5. Conclusion – In your conclusion, summarize your results and anything interesting you have learned from this project.

## 2 Final Demonstration and Code Review – Due December 11th

By December 11th, you must schedule a meeting with me for a final demonstration of your project and code review. At this time, I will ask you questions about your implementation and evaluate the quality and completeness of your implementation.

## 3 Final Documentation – Due December 11th

By December 11th, you must submit a final report detailing all of your work for the semester. Your report will provide more detail than your final presentation. There is no length requirement, but 10-15 pages would be a reasonable target.

The content of your final report will be similar to your final presentation and your original design document. Again, each team may have different content based on the content of the project and the number of team members. The goal of your final report is to provide a comprehensive document about the goals of your project, the implementation of your project, and the results you achieved. You should consider two audiences for this document. First, the report should provide suitable information for a *customer* interested

in using and/or purchasing your system. Second, the report should provide sufficient detail for another developer who might want to modify or expand your work.

Following is a suggested structure:

1. Introduction and Goals – Similar to the intro of your presentation, the intro will put your project into context. In most cases, the report will contain more detail about the background of the area than the presentation.
2. Design – Thoroughly describe the design of your software. For most of you, this portion will need to be significantly more detailed than the design described in your specification document. You should use architecture diagrams where appropriate.
3. Implementation – The description of your implementation will contain detail about your design decisions. Discuss how the project has been implemented as well as all of the major design decisions you made. For example, you should discuss the decision to use any of the technologies you used.
4. Results/Deliverables – If you have results, for example graphs, discuss those here. If not, you probably want to provide screen shots and discuss the functionality your finished product supports.
5. Conclusion – Summarize any lessons you have learned in the process of completing this project.