

Guidance for Project 4 Presentations

By A. Hornof - 11-12-2018

Here is some guidance on what to include in your Project 4 presentations. Your audience is other students in the class, not the general public, so assume that everyone in the class knows the assignment and such. Consider organizing your slides in this order:

1. State in one sentence the conclusions that you draw based on this study, or what you learned in the study. Do not create suspense that is resolved at the end. Tell us your final conclusions at the start.
2. Explain how your interface works (in comparison to other systems in the class, not to a general audience). One or two screenshots might help.
3. Explain the highlights of your experimental design, especially as they relate to the final conclusions that you draw. **Clearly explain the conditions and levels of the conditions.**
4. Explain how you collected your data. Perhaps show a screenshot or video image of what the data looked like, and what the experimental setup looked like.
5. Provide a summary of your data. This should be summarized by condition, and permit the viewer to see any trends in the different conditions. Time series data could be also be very interesting, for each different condition, such as to show how performance improved across time in each different condition. **When data are presented, it must be very clear which data correspond to which condition, and which level of each condition.**
6. Present some kind of summary of your findings, conclusions that you draw based on the data you collected, and a brief statement of what you learned.

Keep in mind that everything in your presentation should ideally set up the viewer for the conclusions that you draw at the end of the presentation. For example, if you found an effect of stimulus-response compatibility, you should make sure that your presentation of how the interface works, and the experimental design (in Slides 1 and 2 above), briefly explains the details relevant to understanding how the left and right keys (the response) changed the visual interface (the stimulus).

I would hope that preparing your presentation would not take a tremendous amount of time. Perhaps you could just edit down your project report within the word processor, use a bigger font, perhaps enlarge the graphs, insert some page breaks, and save to PDF. I would hope that you would not spend a lot of time (or any time) wrestling with Powerpoint. The important thing is that you show what you did. We do not need beautifully formatted slides.