

Project Peer Feedback

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CS 5630 / 6630 Project Peer Feedback

The purpose of this exercise is to elicit feedback from your peers on your projects and to ultimately improve your project. This exercise is synchronized with the first project milestone and will be graded as part of it. Attendance is mandatory.

Introduction & Procedure

To get started, as a team, find another group and sit together. Each group must complete a peer feedback cycle, but it is OK if individual members of the team can't participate if they are excused.

Split your time into two sessions of 40 minutes. In the first 40 minutes one team is explaining their project and receiving feedback. In the second, the roles are exchanged. You can also ask TAs to give feedback.

The receiving team **must take notes on the comments**. Also, write down the names of the group members that gave the feedback. Either during the session, or afterwards when you meet with your team, **analyze the feedback and explain how you will address it**.

After the session, also briefly comment on the quality of the feedback you received. Was it fair? Was it helpful?

Submit this exercise by committing it to your project repository before the Milestone 1 deadline. Name your file "feedback_exercise". You can use Markdown, text, or submit a pdf.

Presentation Guidelines

When presenting your project to the other group follow your proposal outline by addressing these points:

- Background and Motivation
- Project Objectives
- Dataset
- Data Processing
- Visualization
- Must-Have Features
- Optional Features
- Schedule

Show your sketches of the planned visualization. Continue to show your current state of the implementation. Comment on how well your plans match up with your proposal. Try to be brief and elaborate in the discussion if necessary.

Feedback Guidelines

When giving feedback, focus on the objectives, the visualization and the features. Give your honest opinion but be constructive. Try to suggest improvements where possible. Here are some questions to guide your feedback process:

General Questions

- Are the objectives interesting to the target audience?
 - Target Audience: (Climbers, Mountaineers, any who hike/climb)
 - This would be interesting to the target audience because it would promote activities of theirs.

- Is the scope of the project appropriate? If not, suggest improvements.
 - Yes. May be overextending a bit. If necessary, you could cut out the temperature information.

- Is the split between optional and must-have features appropriate? Why?
 - It will be a ton of work. We should keep in mind the important tasks and leave the less important out as options. Suggestion:(Weather should be optional in case it gets to be too much)

- Is the visualization innovative? Creative? Why?
 - Visualization: More interaction for the mouse and when you click on the data. It might be nice to have more visual effects as we run over the time series, though that may take a back seat if it is too much work.

- Does the visualization scale to the used dataset? Could it handle larger but similar datasets?
 - Yes, it will scale to the dataset. There will only be a set number of spots to fill

- Is the project plan detailed enough? Is the path to the final project clear?
 - Yes, we have a schedule set up to follow

- Is an interesting story told?
 - Interesting story told: Yes, because it becomes very personalized to the data set provider

Visual Encoding

- Does the visualization follow the principles used in class?
 - yes
- What is the primary visual encoding? Does it match the most important aspect of the data?
 - Highlighting with color and locations on map. graphs
- What other visual variables are used? Are they effective?
 - Yes the channels are different from each other to be effectively used.
- Is color sensibly used? If not, suggest improvements.
 - Bar graph: Perhaps alternate colors rather than giving one color to each mountain.

Interaction and Animation

- Is the interaction meaningful? If not, suggest improvements.
 - Yes. The main interaction will be the user uploading their data
- If multiple views, are they coordinated? If not, would it be meaningful?
 - Yes. Multiple pages will be used.
- Is there any animation planned? Is it clear? Is it intuitive?
 - Time series: might be a challenge to pull off. But it would be impressive.

Other Input

*Perhaps add a table on the dashboard instead of a CSV file. The thought is that it may be nice for the user to have specific tables already set up for them to input data rather than to upload a csv file that they might not have prepared. This helps cut out the 'middleman'.

Feedback Analysis

They had very good points on managing our task to the most important and perhaps leaving out some things in case it became too overwhelming. They had a good point that we may not need weather data. It could be something secondary, that if we have time, we can add to it. We had a good discussion on what would be best when it came to the bar graph. We don't want to overwhelm our users with too much color on the bar graph. So perhaps reduce the number of colors used and repeat them in the bars.