

CS 6630: Project Peer Feedback

TED talks topic trend visualization

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1 Project Info: TED talks topic trend visualization

- Team members:
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- GitHub Repository: <https://github.com/cwkenwaysun/TEDmap>

2 Project Info: How does your city commute?

- Team members:
 - Manish Roy, u1145372, manish.roy@utah.edu
 - Rushit Sanghrajka, u1142286, rush.sanghrajka@utah.edu
 - Lama Albarqawi, u6011663, u6011663@utah.edu
- GitHub Repository: <https://github.com/manishroyz/DataVizProject17>

3 Peer Feedback

3.1 General Questions

- Are the objectives interesting to the target audience?

They are interested in the idea of how the published TED videos connected to world events. Rushit and Lama pointed out that we mentioned world events in the proposal but actually we are more than discovering only the trend on TED website. We will modify our word chose in final report.

- Is the scope of the project appropriate? If not, suggest improvements.

Rushit mentioned that in the network chart, only lines and nodes are not enough to present the concept of groups, the category we assign to each tag. He suggested that we can use curve to enclosed those tags to make user understand that those tags appear simultaneously with high probabilities. We replied that we will use color to present the group where the tag belongs to. If we follow his advice, the network chart will include too many materials and it will be hard to understand this chart.

- Is the split between optional and must-have features appropriate? Why?

Yes, and Lama and Manish also suggested we can make the time line in the optional feature dynamically.

- Is the visualization innovative? Creative? Why?

They didn't comment on this but I think it is medium. We borrow many intuitive user interface in our design.

- Does the visualization scale to the used dataset? Could it handle larger but similar datasets?

They haven't mentioned this. But I think apart from scale, we also need to handle the data before rendering. For example, we need to trim the less important connections to make the force graph clearer.

- Is the project plan detailed enough? Is a path to the final project clear?

They agreed on this and liked our schedule of our project.

- Is an interesting story told?

Yes, it is. User can see what else fields have the relationship with their fields and see the overview for the topics in TED.

3.2 Visual Encoding

- Does the visualization follow the principles used in class?

They remind us to clarify the meaning for the element in our design. The data attribute, mark, and channel should be well-defined and we are working on that.

- What is the primary visual encoding? Does it match to the most important aspect of the data?

Manish pointed out that the meaning of the lines in the force graph mean the video. While we are mainly working on the category, so the circle do show the most important aspect of our data.

- What other visual variables are used? Are they effective?

They pointed out the lines in our design, and yes, maybe we could work out how to present the number of videos in the graph.

- Is color sensibly used? If not, suggest improvements.

We agree on that the color is the important problem in our design. After the least feature are built, we will try our best to do better.

3.3 Interaction and Animation

- Is the interaction meaningful? If not, suggest improvements. They agreed on our interaction design. Manish noticed that we plan to list the related videos in the bottom of our page. If the list is too long, the layout can be corrupted. This is indeed what we have to take care about. We can limit the list to the top 10 related videos, or we can add a button to show the next 20 result and the maximum size of list is fixed to 20.

- If multiple views, are they coordinated? If not, would it be meaningful?

As I mentioned above, we have to figure out a way to deal with the group of tags in force graph. We try to achieve that by using color, or shape?

- Is there any animation planned? Is it clear? Is it intuitive?

We did not present this in proposal. We did plan to add some animation in line chart and it is similar in the bar chart assignment.

3.4 Other thoughts

- They reminded us collecting data would take time, and fortunately we finished that part.
- Rushit asked why we collect rates data. Well, the more the better, and in the optional maybe we can put the rates of the video so the user can choose the video they may interested in in single page. Currently TED website does not have this feature.