

Project Assignment

Goal:

To develop a creative information visualization system. Ideally, your efforts are expected to be innovative and to result in some form of potential publication.

Approach:

Step 1. To form a team:

Students should work in a team of 3 or 4 people.

Step 2. To find a topic:

Find an interesting topic or domain to serve as the focus of your project. Think about a problem that people face in which there is an abundance of data and they must work with that data in order to come up with a solution or decide upon an approach. Identifying a good problem to work on with interesting data is half the battle!

Step 3. To develop the information visualization system:

Design your visualization and interactions and develop a working prototype that implements the design. Interactions are expected so that users can interactively explore your example data.

Step 4. To evaluation your system (option):

Evaluate the visualization and interactions you develop with real users to see if it reaches your design goals. .

Grading criteria:

Your project will be judged from the following aspects:

1. Significance of your topic
2. Novelty of the visualization and interaction design
3. Quality of work, creativity, effort, thoroughness
4. Quality of the evaluation

Milestones:

- Feb. 9 - Initial project description. One page document listing project members and topic to be addressed.

- Mar 23 - Project mid-way progress report due. This should be two pages of text plus whatever images you want to include. Describe your progress to date, illustrate your designs and ideas, and discuss how things are going.
- Mar 23- Project midterm presentations will take place. Each team will have approximately 5 minutes to present.
- May 4 - Final project report write-up is due. It should be of conference submission style, an 8 page, 2-column document including an abstract, description, figures, references, etc. (please use the VisWeek/TVCG paper format)
- May 4 and the final exam day - Project presentations will take place. Each team will have approximately 10 minutes to present.