CSCI 552 (Spring 2023)

Term Project

Proposal Due: 11:59pm, Thursday, April 6, 2023
Project Presentation: Thursday, April 27, 2023
Project Report Due: 11.59 pm, Sunday, April 30, 2023
Total points: 100

In the term project, you will be working in a team of 2 to 3 people. Each team will work on a topic of your choice, and will have an opportunity to demonstrate the best of your ability in developing solutions for a practical data visualization problem.

Project Requirements: Your project ought to involve the visualization techniques discussed in this class, as well as some real world dataset. You are required to use either VTK or D3 programming platform. If you plan to use any additional visualization tool or API, please provide details in your proposal and the final report.

Submission Requirements

1. Each team will need to submit (via Canvas) a one-page project proposal by April 6. The proposal will include descriptions of data sources, expected results, and visualization techniques and tools to be used.

2. Each team will need to give a 8 minutes powerpoint presentation on April 27 to present your work and to demonstrate your visualization results.

3. In the final submission, in addition to your source codes and executable files, you are also required to submit a project report, which includes the following sections: background, technique descriptions, results (including images), discussions (interpretation of results, insight gained, etc.) as well as descriptions of each team member’s contribution.

Grading Criteria

1. Level of technical difficulties (30%)

2. Quality of results (30%)

3. Presentation quality (20%)

4. Final Report quality (20%)