INF 554 Project

Due dates

- 11.28 presentation with functional demo online
- 11.30 Friday 12PM video paper final demo

THESE ARE HARD DEADLINES - LATE SUBMISSIONS WILL NOT BE ACCEPTED

Description

Projects include the following deliverables:

- Demonstration
- Presentation
- Paper
- Video

Rubric

Development

Include in `README.md` the following section right after the title:

```
## PROJECT SUMMARY
This project is about Militarized interstate disputes, wars, and trade. By giving
public this information, we want to make people interested in these problems.

### PROJECT INFORMATION

- Project title: <title>
- Group name: <group-name>
- Team names: [<member-name> (<member-USC-username>) ...]

### PROJECT ARTIFACTS

- [Demonstration URL](<demo-url>)
- [Presentation PDF](<presentation-pdf-url>) and [transcript](<presentation-
transcript-md-url>)
- [Article](<article-pdf-url>) and [Overleaf URL](<overleaf-article-url>)
- [YouTube video](<youtube-video-url>)
```

Level	Description
Sophisticated	GIT is used well by all members of the team. Node.js, d3.js, Bootstrap and one of React, Angular, or Vue.js are well used. Project information set-up, deployment and code base (including presentation) is well documented in README. Project summary is well included in `README.md`. (4-5 pts).
Competent	GIT is not well by all members of the team. Node.js, d3.js, Bootstrap and one of React, Angular, or Vue.js are not well used. Project information set-up, deployment and code base (including presentation) is not well documented in README. Project summary is not well included in `README.md`.
Needs work	GIT is not used by all members of the team. Node.js, d3.js, Bootstrap and one of React, Angular, or Vue.js are not used. Project information set-up, deployment and code base (including presentation) are not documented in README. Project summary is not included in `README.md`. (0-1 pts).

Demonstration

Level	Description
Sophisticated	Website works well. Layout is well thought, pages are well designed with a good story flow, forms are well adapted to the information, information displays are well formed and support well visual queries, color schemes are well chosen, axes are well formed. One or more d3 maps, responsive d3 charts, interactive d3 charts, d3 animated transitions and d3 layouts are included and work well. (4-5 pts).
Competent	Website does not work well. Layout is not well thought, pages are not well designed with a good story flow, forms are not well adapted to the information, information displays are not well formed and do not support well visual queries, color schemes are not well chosen, axes are not well formed. One or more d3 maps, responsive d3 charts, interactive d3 charts, d3 animated transitions and d3 layouts are not included and or do not work well. (2-3 pts).
Needs work	Website does not work. Layout is not thought, pages are not designed with a good story flow, forms are not adapted to the information, information displays are not formed and do not support visual queries, color schemes are not chosen, axes are not formed. One or more d3 maps, responsive d3 charts, interactive d3 charts, d3 animated transitions and d3 layouts are not included and or work. (0-1 pts).

Presentation

Presentation__ students will present their projects to the class using the PechaKuchapresentation format. PechaKucha is a simple presentation format where you show 20 images, each for 20 seconds.

The images advance automatically and you talk along to the images. You cannot use bullets in any of your slides. The presentation will be created with Sozi. Presentations should include the following:

- Cover slide (used to start the presentation manually, not included in time) including title, group name, names and emails
- Introduction leading with 10 words on what your visualization is about. Explain who is it addressed to, why it is interesting, original, useful.
- Explain who did what.
- Explain the data and topic as needed to understand the project.
- Explain the research you have done, what others have done in the same topic, other topics that are relevant.
- Explain how your work is original.
- Explain your design process, rationale for the layout, story, choice of forms, how you optimized the visual queries and user interaction.
- Highlight what you have built and with d3 (see Demonstration for a list of required d3 features to include) and other tools including Bootstrap and framework features you used.
- Explain what you would have done differently.

Use Markdown to create a transcript of your presentation in a file named `PRESENTATION_TRANSCRIPT.md`. Make sure to provide a link in the `README.md` as described in Development.

Level	Description
Sophisticated	Project is well presented by all members of the team, addresses all the requirements well. (4-5 pts).
Competent	Project is not well presented by all members of the team, does not addresses all the requirements well. (2-3 pts).
Needs work	Project is not presented by all members of the team, does not addresses all the requirements. (0-1 pts).

Paper

Students should write a final paper about the project as if they were submitting it to a conference for publication. The papers should be written in the LNCS format and should be at most 5 pages long. The paper should be organized as a publication, with sections for the introduction, data, approach (including design and technical considerations and development and evaluation), system, related work, conclusions and references. Each article should be clearly written using concise language. Using Overleaf is required for writing the paper. Optionally, the paper can also be linked in the website.

Level	Description
Sophisticated	Article is well written and organized, figures and tables are well formed, presents all important project information well. (4-5 pts).
Competent	Article is not well written and organized, figures and tables are not well formed, does not present all important project information well. (2-3 pts).
Needs work	Article is not fully written, is not organized, figures and tables are not formed, does not present all important project information. (0-1 pts).

Video

Students should produce a 5-minute (or less) video of their demo and upload it to YouTube. The video should present the most important aspects of the project and demonstrate the most important features. Optionally, the video can be integrated in the website.

Level	Description
Sophisticated	Video is well produced, presents the most important aspects of the project well and demonstrate the most important features well. (4-5 pts).
Competent	Video is not well produced, does not present the most important aspects of the project well and does not demonstrate the most important features well. (2-3 pts).
Needs work	Video is not well produced, does not present the most important aspects of the project and does not demonstrate the most important features. (0-1 pts).