

Assignment 5

Group Project: Interactivity

Final Submission – 15 Points

Due Sunday, June 28th, 23:59 (Paderborn time)

The final submission of your mini project has to include:

- Source code (*.py, other file formats will not be accepted)
- Presentation (*.mp4)
- Basic information (*.pdf)

Presentation:

Create a presentation and submit it as video. Use this presentation to promote your visualization. Explain all information needed to understand the visualization. Present the data, the user(s), the task(s), the visualization technique(s) and the interaction(s). Every group member has to participate and perform a part of a presentation. Furthermore, explain the division of responsibility inside the group. Every student has to make clear what was his/her task during the project work.

(Hint: The easiest way to create such a presentation might be to make a videoconference where one of you shares his/her screen. Feel free to do it this way or any other way you prefer.)

Basic Information:

Create a *.pdf-file giving an overview over all basic information shown in the presentation in textual form. Furthermore, add information that do not fit into a verbal presentation, e.g. URL, more detailed dataset description, code specific information like used libraries and further detailed information.

Make sure that, as a minimum, the following questions are answered. Otherwise it has a bad impact on the final grade.

- Data:
What data did you use? Characterize your data. What is the type of this data? What dimensions does it have? Use the Brodies model for your description, among other information.
- User and Task(s)
Describe the potential user you had in mind while creating the visualization.
Explain the task(s) he/she can achieve with the help of the visualization and the integrated interaction.
- Visualization technique(s):
What kind of visualization technique(s) did you use? Describe the design/mapping.
- Interaction(s):
What kind of interaction(s) are involved? What are the interaction operators? What are the interaction operands? What are the corresponding interaction spaces?
- Participants: Division of responsibility and contribution
Who did what? What was the task of each student during the group project?
- Concept:
Did you reach all of the goals defined in the concept? Which limits did you reach? Did you change something in comparison to your concept? Are there additional points that have been worked on, not mentioned in the concept?