**Milestones 4-5-6**

The next three milestones are merged together and include the development of your final project as well as the preparation of your final presentation and submission.

You will host your project on GitHub page:

* Create a GitHub account if you do not have one.
* Create a page for your project from here (<https://pages.github.com>).
* Add your group members and myself (username *IuricichF*) to the list of collaborators.

All graphs produced in this milestone will be produced with D3.js.

**Step 1 - (Milestone 4)**

Submissions – **GitHub**Deadline **– November, 19th**

**Deliverables:**

* Your final website hosted on GitHub pages.

**Expectation:**

* The website should contain a story based on visualizations. The story can be author-driven or user-driven and anywhere within this spectrum.
* The website will be graded based on
  + Clarity (How easy it is to follow the story?)
  + Effectiveness (How effective your visualizations are?)
  + Wow factor (How appealing your website is?)
* Avoid common mistakes:
  + Creating a graph misusing marks and channels is a major mistake
  + Presenting a list of unrelated graphs is a major mistake
  + Presenting a shallow or hard to follow story is a mistake
  + Using repetitive designs all at the same levels of resolution is a mistake

**Step 2 - (Milestone 5)**

Submissions – **Oral presentation**Deadline **– December, 1st**

**Deliverables:**

* A 5-minute presentation illustrating your project.

**Expectation:**

* As a rule of thumb, I suggest preparing a 5-slide deck
  + First slide with team members and project title
  + Slide 2 containing a description of the dataset
  + Slide 3 containing the idea behind the story you tell
  + Slide 4 and 5 containing a showcase of your website (What figures do you have? Which interactions are provided?)
* You can lose points because:
  + You don’t provide a clear description of your dataset
  + You don’t provide a clear description of your story
  + You don’t provide a description of the functionalities of your website.

**Step 3 - (Milestone 6)**

Submissions – **GitHub**Deadline **– December, 8th**

**Deliverables:**

* Final website.
* Slides used during your 5-minute presentation.
* 5-minute video showcasing your website.
* Project report
* Readme file

material should be uploaded on GitHub.

**Expectation:**

* **Project report:** a 2-4 pages paper (without references) presenting a comprehensive view of the work done during the year including: problem identification, design, data exploration (in Tableau), and story described in the final website. Most importantly, you should explain why you designed your final visualizations the way you did.
  + [Graduate students only] will have to include a related work section. This section should contain a discussion of research papers related to the visualizations used in your website. NOTICE, here you will talk about research papers focusing on visualization. Do not include research papers related to the domain problem your project is based on. In this section you can also refer to material we discussed in specific lectures during this class.
* **Video:** a 5-minute video introducing your work. This should follow the same schema used in your presentation (domain->dataset->final project).
* **Readme file:** the GitHub repository will contain a README.md file containing
  + Group number
  + Group members
  + Link to your website.
  + Links to your original dataset.
  + A breakdown of how work was organized among the group members.