

## Final Project Guidelines and Schedule

### 1. Project Guidelines

- a. Final projects are group projects. Each group should ideally consist of three to four students. (Exceptions need to be discussed with Kurt Fendt.)
- b. Projects should demonstrate a significant effort in addressing a humanities-related question using computational methods/algorithmic approaches, visual representations, and or physical implementations in form of models and mock-ups. They should either use an existing data set or one that has been created specifically for this project through scraping or extraction via APIs.
- c. Projects should engage a well defined audience in a creative manner. You should identify representatives of your audience and ideally consult with them during the conceptualization, implementation, and evaluation phases.
- d. Final projects should consist of a working prototype with additional mockups of future options. Each project needs to be accompanied by a design document (min. 10 pages including screenshots, mockups, graphics, and images). Project code, visualizations, and the design document need to be uploaded to GitHub.
- e. Final projects will be presented to a public audience at the end of the semester.

### 2. Pitch Presentation Guidelines

The pitch presentation will be about 15 minutes long (+5 minutes for questions) and should contain *\*all\** of the following elements:

- a. **Problem Statement/Research Question** - What problem or research question is your project trying to address?
- b. **Concept** - What experience, tool, or artifact are you trying to create? How will your concept address the problem or research question described in #a
- c. **Personae** - Who is your target audience(s)?
- d. **Journey Map** - What are the stages of interaction a person must go through in order to use your project? (Produce a diagram or flow chart. Wireframes would also be nice, but are not required.)
- e. **Institutional/Scholarly Need** - If you are working with an outside institution, how does your concept fit with the needs of that institution? If you are working with existing data in a project, what value does your concept add to performing research in your partner archive?
- f. **Field Overview** - What are three examples of precedents that inform your idea?
- g. **Enabling Technologies** - What are some potential technologies you might use to implement your project?

- h. **Timeline** - Produce a week-by-week timeline which lays out how you will bring your project to completion. You should also be clear about the division of labor by pointing out which team members will be completing each task.

Each presentation should be well researched and rehearsed, and should incorporate the participation of each group member. This presentation is also something like the class "midterm," so definitely make it count

Diagramming/Wireframe/Flow Chart Resources

- Balsamiq: <https://balsamiq.com>
- Adobe XD: <https://www.adobe.com/products/xd/wireframing-tool.html>
- Creately: <https://creately.com>
- Mockingbird: <https://gomockingbird.com/mockingbird/>
- Prezi/PowerPoint/Slides, etc.
- Paper Prototypes, etc.

## Schedule

<i>October 2, 2018</i>	First discussion of potential projects, suggested groups
<i>October 16, 2018</i>	Presentation to class of project idea. Please follow the pitch presentation guidelines described above.
<i>October 23, 2018</i>	Presentation of refined project idea, first results from research, initial work, feedback
<i>October 30, 2018</i>	Presentation of design sketches, initial technologies
<i>November 13, 2018</i>	Short write-up of project progress, brief in-class presentation, possible paper/design prototype
<i>November 20, 2018</i>	Presentation of first digital prototype. Written summary of project progress on GitHub, feedback in class
<i>November 27, 2018</i>	Presentation of first digital prototype. Written summary of project progress on GitHub, feedback in class
<i>December 4, 2018</i>	Presentation of prototypes (dry run), draft of final paper
<i>December 11, 2018</i>	Public Presentations of completed projects, design document completed