# Rubric of narrative visualization project

###### **A. What is the URL of your narrative visualization?**

1. **[1 point]** Does the URL connect to a functioning web page?

###### **B. Upload a PDF file essay describing your narrative visualization as required by the assignment instructions.**

1. **[5 points]** Does the essay state what messaging was intended by the narrative visualization?

###### **C. Narrative Structure**

Professor Hart discusses visual structure in lecture 9-1-2 around 2:45. Visual structure might be described as the general arrangement and layout of page elements.

Annotation "template" means we're looking for visual consistency in the font, style, colors, formatting, etc. of your annotations.

Yes, as you suggested, you're supposed to explain your mentioned elements. The visual structure will be assessed in its own section, the highlighting can be assessed in the annotations section, and the transition is supposed to be addressed in the parameters and states section of your essay. You don't need to use the exact "highlight" and "transition" words specifically in your essay, but the descriptions should be sufficient to shed light onto the 3 aforementioned elements. Please check out #789 for a further breakdown of these items.

According to lecture 9-3-1, the professor uses "scene" as a way to describe the state of a visualization, where the state can vary by how the data is filtered, which annotations are visible or emphasized, what scene is next, etc. Notably, two different states of the same chart can be considered different scenes as long as they convey meaningfully different narrative points.

It might take more than one state change to bring about a meaningfully different point. Or put another way, a scene change might require a bunch of state changes.

* Affordances are hints in a user interface to let the user know how the user interface works.
* So to review, the concept of an affordance is an important user interface design concept that allows a user interface element to provide a hint to the user of its function.

1. **[2 points]** Does the essay indicate which structure the narrative visualization was designed to follow (martini glass, interactive slide show or drop-down story)?
2. **[3 points]** Does the narrative visualization follow that structure?

###### **D. Visual Structure**

1. **[2 points]** Does the essay indicate what visual structure is used for each scene?
2. **[1 point]** Does the essay indicate how the visual structure ensures the viewer can understand the data?
3. **[1 point]** Does the essay indicate how highlighting is used to get the viewer to focus on the important parts of the data in each scene?
4. **[1 point]** Does the essay indicate how the visual structure helps the viewer transition to other scenes, to understand how the data connects to the data in other scenes?

###### **E. Scenes and Visual Ordering**

1. **[2 points]** Does the essay identify the scenes of the narrative visualization?
2. **[1 point]** Does the essay discuss ordering (e.g. the order of elements in a chart or the ordering of scenes)?
3. **[2 point]** Do the charts used as scenes effectively present the data?

###### **F. Annotations**

1. **[2 points]** Does the essay discuss annotations?
2. **[1 point]** Does the essay discuss a template for the annotations?
3. **[2 points]** Are the annotations in the narrative visualization effective and consistent?

###### **G. Parameters and States**

1. **[1 point]** Does the essay identify the parameters of the narrative visualization?
2. **[1 point]** Does the essay identify the states of the narrative visualization?
3. **[1 point]** Does the essay indicate how are the parameters are used to define the state and each scene?
4. **[1 point]** Does the narrative visualization use parameters to control its state?
5. **[1 point]** Does the narrative visualization use parameters to control each scene?

###### **H. Triggers**

1. **[2 points]** Does the essay indicate the triggers that connect user actions to changes of state in the narrative visualization?
2. **[1 point]** Does the essay indicate what affordances are provided to the user to communicate to them what options are available to them in the narrative visualization?
3. **[1 point]** Does the narrative visualization implement and respond to user events properly?
4. **[1 point]** Does the narrative visualization make any effort at all to communicate what options are available to the user?

[2 points] Are the annotations in the narrative visualization effective and consistent?

**Parameters and States.**

[1 point] Does the essay identify the parameters of the narrative visualization?

[1 point] Does the essay identify the states of the narrative visualization?

[1 point] Does the essay indicate how are the parameters are used to define the state and each scene?

[1 point] Does the narrative visualization use parameters to control its state?

[1 point] Does the narrative visualization use parameters to control each scene?

**Triggers.**

[2 points] Does the essay indicate the triggers that connect user actions to changes of state in the narrative visualization?

[1 point] Does the essay indicate what affordances are provided to the user to communicate to them what options are available to them in the narrative visualization?

[1 point] Does the narrative visualization implement and respond to user events properly? [1 point] Does the narrative visualization make any effort at all to communicate what options are available to the user?