November 3, 2015

Your goal today is to design a user interface for tracking the evolution of a website. There are many questions one could ask about how a website changed. *You will not address all of these in your visualization.* I do, however, expect you to focus on changes in behavior (not just a short snapshot). So please don’t redesign Google analytics’ Sankey diagram (which tracks flow, but not change).

**You do NOT need to read everything to start. Just read what you need for the next step.**

**Step 0 - Make a google doc**

Make a Google Doc that is shared with all the members of your group and with myself ([eytanadar@gmail.com](mailto:eytanadar@gmail.com)). As you go, please upload snapshots of your work.

**Step 1 -- 15 minutes -- Domain tasks**

Divide up the *domain cards* equally among your group members.

- Each person should put down the **three** cards in their pile that they think are the MOST important for the domain (there are duplicates on purpose)
- The group should come to an agreement about 3-5 domain tasks from the cards each person picked. These will be the “requirements pile” (You can do this by voting according to your preference).
- The constraint: **you must have at least one USAGE card (blue cards), one STRUCTURE card (yellow cards), and one INTERSECTION card (green cards).** If your group’s intersection card requires something about usage/structure that wasn’t selected (“sub-tasks”) add those to the “required” pile
- **Take a picture and upload it to the google doc**

**Step 2 -- 15 minutes -- Data**

Make a list of all the data you need to do your domain tasks

- Each person should do this initially **on their own**!
- Use a blank sheet of paper.
- Once each person is done, present to the group and come to a consensus on the best (or a new) description.
- **Take a picture and upload to the google doc (both the individual and group consensus).**

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Step 3 -- 15 minutes -- Abstract Tasks

Divide up the abstract task cards equally among the group members.

- Everyone should do this at the same time (in parallel). If an abstract task card describes a thing you need to achieve a domain task in your working pile, put that next to the domain card (do not discuss as you go).
- If it matches more than one domain card, put it next to the best match.
- Once everyone has put their cards down, make sure you agree on the choices.
- Take a picture and upload to the google doc (the group consensus).

Step 4 -- 15 minutes -- Individual Sketch

On your own draw a visualization solution that will best satisfy the domain and abstract problems put down on the table.

- There is a third deck with “layout/examples” and “inspiration” that you should flip through for ideas
- Do this independently at first, and then discussion the solutions each has proposed.
- Upload a snapshot of each person’s solution to the google doc.

Step 5 -- remaining time -- Consensus Sketch

Come up with a “best” solution that combines the best aspects of each individual design.

- Make sure that you are still satisfying the domain/abstract tasks.
- So if you said you wanted the visualization to “express” something, it should!
- and then make sure the choice is effective.
- Upload a snapshot to google doc.