CS 171 Design Studio 3 - Peer Feedback

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General Peer Comments
- Implementation: when you hover over each country, you can use color gradients to highlight the countries that are strong sources of immigrants or emigrants
- To integrate Routeview into the rest of the views: perhaps you could automatically have the hovered country be the first country in the pair, and allow the user to select the second country from a dropdown?
- Optional features: perhaps include other factors that have some relationship with migration numbers, such as GDP levels, etc.

General Questions
- Are the objectives interesting to the target audience?
    - Yes, people naturally want to know where they came from and this data could potentially be useful to more than just students
- Is the scope of the project appropriate? If not, suggest improvements.
    - Yes
- Is the split between optional and must-have features appropriate? Why?
    - In general, yes, but definitely will need more clarification on which features you decide to require and which will be optional. However, the ones you mentioned allow the user a lot of flexibility in exploring and garnering information from the data, so it is quite comprehensive.
- Is the visualization innovative? Creative? Why?
    - Interesting and creative -- utilizes many different data charts, maps, and graphs and visual variables.
- Does the visualization scale to the used dataset? Could it handle larger but similar datasets?
    - Yes, it seems to showcase everything in the dataset.

Visual Encoding
- Does the visualization follow the principles used in class?
    - Yes, it utilizes a lot of different channels and visual representations that we've learned in class.
- What is the primary visual encoding? Does it match to the most important aspect of the data?
    - Arrows, arcs, coloring, etc.
    - These match the important aspects of the data because they show the direction and volume of immigration.
- What other visual variables are used? Are they effective?
    - Maps, shapes, patterns, and position (sorting of countries in the country view)

are also used. These are effective in showing more details about specific countries.
- Is color sensibly used? If not, suggest improvements.
  - could use more color/gradient to show top 10 immigration and emigration sources, which will make the map more useful and you can also see geographic trends more easily

Interaction and Animation
- Is the interaction meaningful? If not, suggest improvements.
  - The interaction with the initial map is meaningful because the action of hovering over a country and clicking it triggers the appearance of more information, which will be intuitive to the user.
- If multiple views, are they coordinated? If not, would it be meaningful?
  - The coordination between WorldView and CountryView seems clear and meaningful. For Routeview, see above on thoughts on how to integrate.
- Is there any animation planned? Is it clear? Is it intuitive?
  - Animation will come at the end, so it will hopefully only add to everything once the necessities are laid out.

Next Steps
We will consider their feedback as we move forward with our implementation of our project proposal. They gave some good suggestions on how to better utilize color as a visual variable, as well as suggest how can better integrate our multiple views. Overall, their feedback was fair and helpful. It definitely reaffirmed certain directions that we wanted to pursue with this project.