Peer Review(Jack Wilburn & Max Lisnic)

1. Include some bad charts in our final report. Those bad charts are the ones we want to improve in our visualizations.
2. Our visualizations didn't tell an interesting story. We should demonstrate our visualize result (lacking of story telling).
3. We didn't plan any animation. We may add some line chart animations in our implementation. How do we handle the bin percentage less than 1 percent?
4. Are we going to collect all countries? The answer is no. We realized there are hundreds of countries in the world, but not all of them are actively involved into the global trading system. So we only pick top 10 training countries for our visualization.
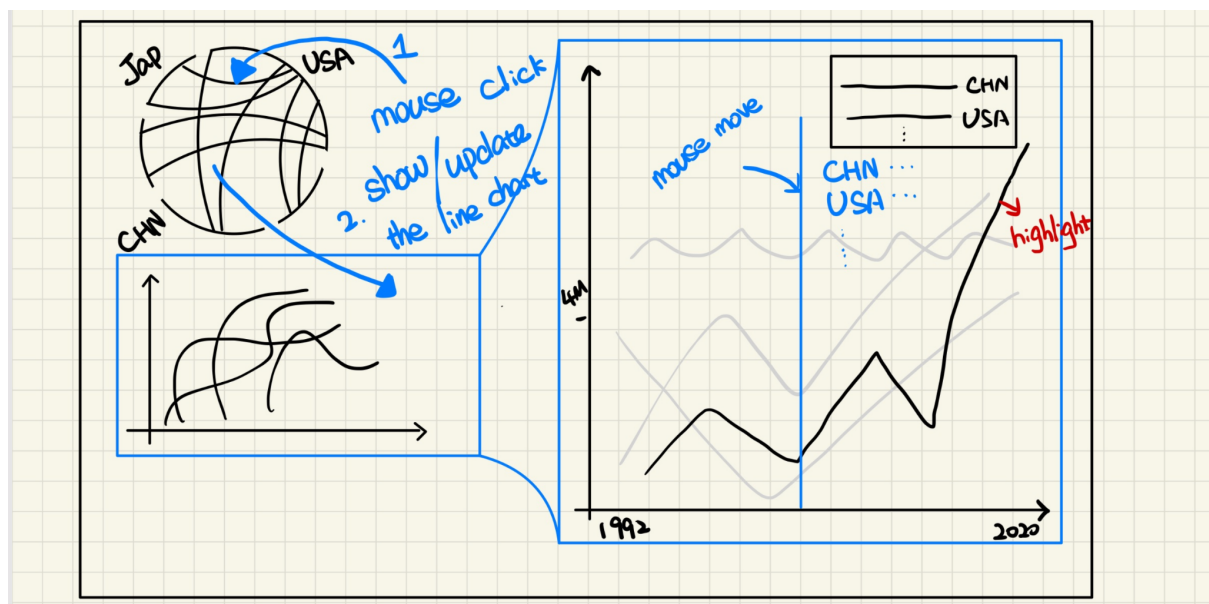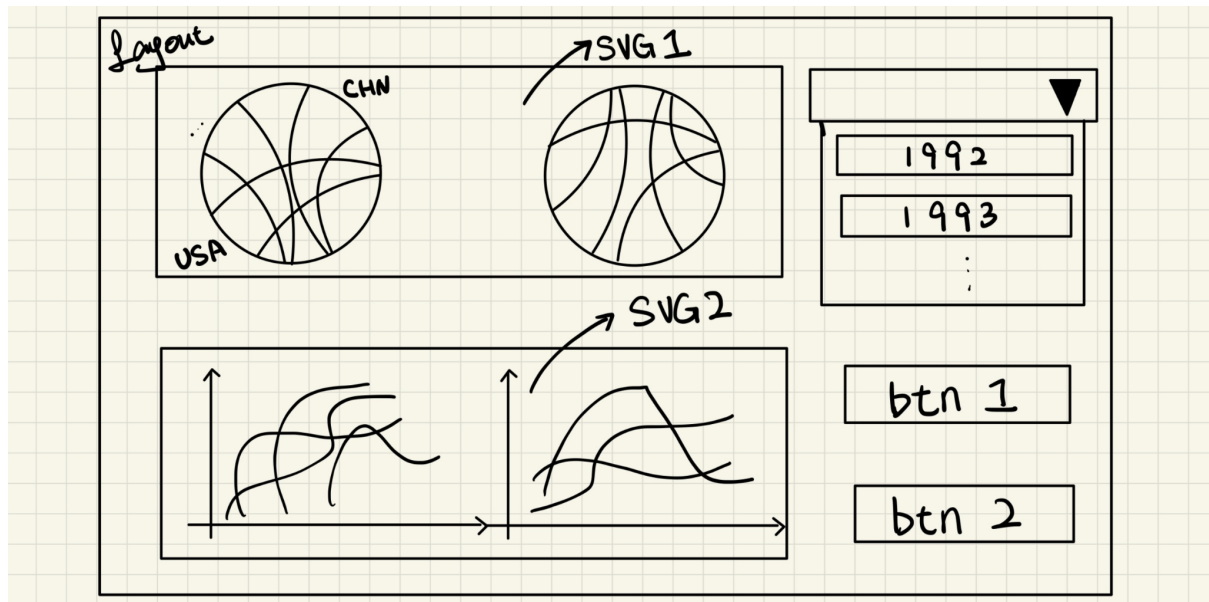
TA Feedback(Pranav Rajan)

I think you have a very interesting project that could be really useful to many people. I'm slightly confused in your background and motivation if you are trying to create a web visualization tool or a visual web page. One thing that was missing for me in the data section was there was no description of what metrics you plan to use and gather to build your visualizations and how much time it will take you to process the data for visualization. Do you have any designs of a potential layout for your visualization tools and what widgets and interactions your users will use to update the charts? I was also wondering if you have more information in your project schedule about what work each team member is doing and what exactly you will be doing in tasks such as data importing, javascript functions, chord chart, etc. I think you guys are well on your way and I'm excited to see your in progress work at the next milestone. Good job and good luck with implementation!

TEAM(Yongfeng Qiu & Zhongyi Jiang)

We plan to create a visual web page. Since when we are looking for data on international trade, we find that many web pages only have simple and rough line diagrams for such data. Users should not be given a more intuitive view of the meaning represented by such data. So we want to optimize these visualization results and provide more detailed visualization results.
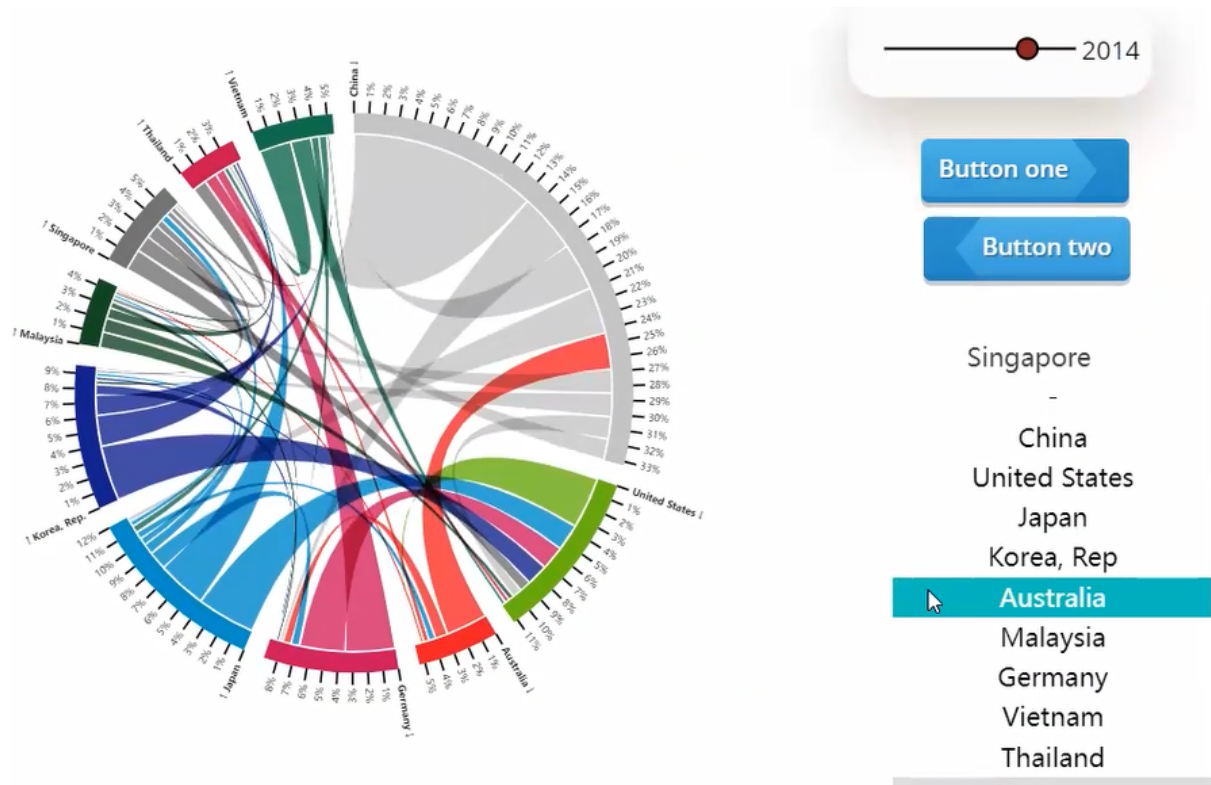
For the layout design, we have made an update in the process book. In the meantime, I've copied it here for your convenience.

First of all, in the first picture above. We designed some buttons on the right side. Firstly, there is a drop-down button in which users can choose different years. Then the page will automatically update two string diagrams. Then in the second picture, we showed some interactive effects. For example, the user moves the mouse or clicks on the part of the chord diagram, and then the user will find that the line diagram will also be automatically updated.

And about the line chart. We plan to distinguish between bright and dark colors. And add a straight line to make it easier for users to get information.

For UI design, we did not directly use the built-in elements of html. We design some different controls through some simple combinations, such as select and slider.

For the data part, we collect the data from the WITS(World Integrated Trade Solution).

On this website, we mainly collect data based on the following objectives.

1. In 2020, among the 10 countries with the highest export value.

2. And the mutual import and export value of these 10 countries from 1992 to 1999.

3. We will calculate these countries' share of world trade ourselves based on this data.

4. These data are obtained under the Country subclass of the website. We also go to the Region subclass to obtain data for secondary verification.

5. We will use matlab to preprocess this data, get a CSV file, and then import it using js.

6. Therefore, in theory, we do not need to wait for data processing again when rendering the web page. Because we will import the data preprocessed with matlab as a resource.

Here are our more detailed future plans.

Nov 13 - Nov 19	1. Fine-tune UI elements. Determine if you want to supplement other UI elements. Complete the addition of all UI elements. 2. Meeting with TA 3. Determine if there is a need for new interactive features
Nov 20 - Nov 26	1. one works on chord chart interactive(including mouse event, color highlight, etc) 2. one works on line chart interactive(including mouse event, color highlight and Interaction and update of two graphs, etc) 3. UI interactive(button, slider, select, etc) 4. This is the core week, if the progress cannot be completed, it may be postponed to the next week
Nov 27 - Dec 03	1. Meeting with TA(Not required, subject to completion at the time） 2. Consider code or structure optimizations. 3. Make final adjustments to the whole, e.g. color, size, etc 4. record video 5. build the project web page 6. finish the process book final version
Dec 04 - Dec 08	TBD, theoretically we should have done it all last week. This week is used to prevent delays caused by the inability to complete the progress of tasks in the previous week