

# Deliverable 4: Prototype

## Tools

tell us what you used

Collaborative whiteboard from InVision. We used an online tool so that we can collaborate and incorporate changes from home.

<https://projects.invisionapp.com/freehand/document/Fupj2qqYZ>

Infographic generating tool from visme

<https://www.visme.co/>

Infographic generating tool from Canva.com.

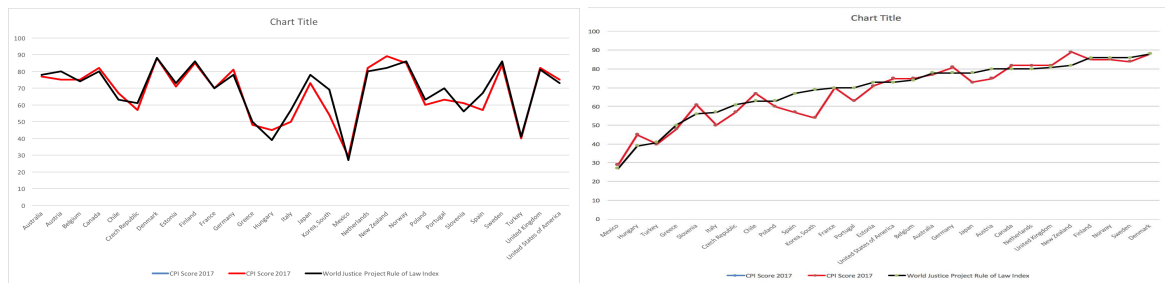
<https://www.canva.com/>

## Roles

We divided the work to leverage all our strengths into building the final prototype. Since presenting **visualizations** in an appealing way is challenging, two of us(Himani and Urmil Parikh) are working on that. There will be two visualizations supporting the facts in the infographic and showing correlation of Rule of law with corruption since the story revolves around corruption. **Integration** of the infographic into a whole unit i.e connecting story, facts and language is also a challenging task and Teresa Hong is handling that. Pankti Desai and Qiufeng Yu is working on **wording, formatting and arrangement** of entire infographic, which is quintessential for making the application aesthetically pleasing. The task of wording and adding “Rule of Law” mission and relevant information about NGOs into the infographic, also including the LexisNexis logo. W Zhang worked on creating the **story board** and characters and flow of the story.

# Prototype

describe your prototype with images, text, and perhaps point us to a working version with a URL



So to show correlation between the Rule of law and Corruption, we thought of two ways to show data, one where Rule of law index is and the absence of corruption is higher, but it is hard to understand the increasing trend and reflect the actual correlation between corruption and the “Rule of law”. We thought that at first glance increasing trend shows that there is an improvement or something is improving which is not the case. So we thought of going ahead with the 2nd option.

First try: <https://my.visme.co/projects/1joyon3p-rule-of-law-prototype>

Screenshot of a portion of the early prototype:



We first used visme to generate our prototype. The tool has a rich set of features including dynamic charts and animated elements. However, one of the major problems with this tool is that there is no way to label all countries in the x-axis in our chart. We think the data and the charts are one of the most important component of your infographic, therefore, we had to switch to some other tools.

Final prototype:

[https://drive.google.com/open?id=1F8vJ09IFVxA1xtuvyVQQ4ltuxUyrl\\_-l](https://drive.google.com/open?id=1F8vJ09IFVxA1xtuvyVQQ4ltuxUyrl_-l)

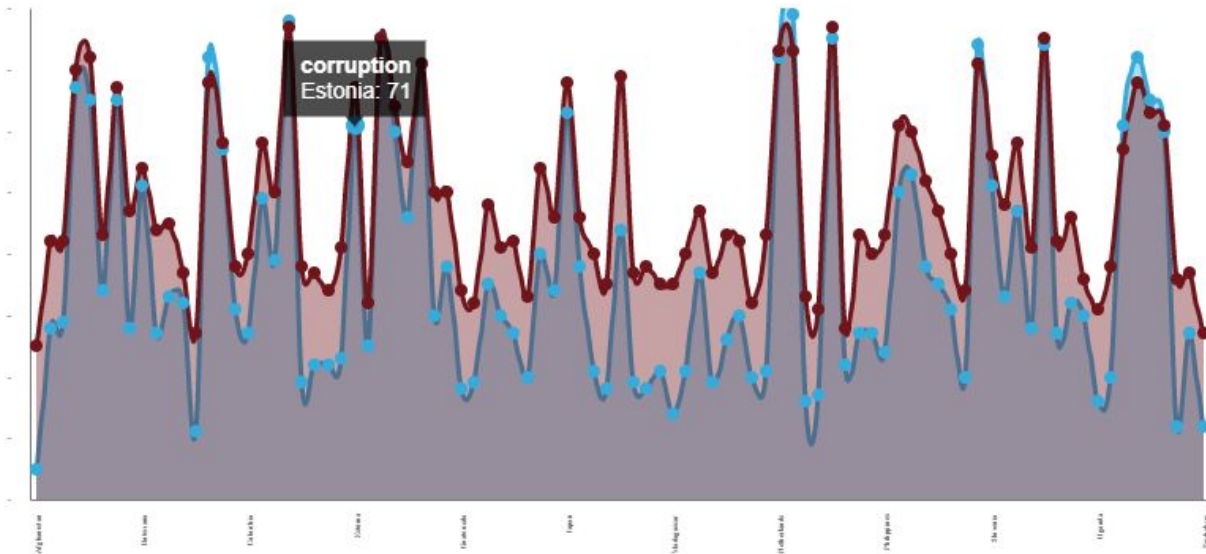
With Canva, we were able to generate our final prototype. As you can see in the image below, each component (story, data, graphic, and text) was perfectly placed in the infographic. We chose to put the story section on top of the infographic is because we think it's more attractive and easier to grab people's attention with a story rather than data and text. We then display the data right after the storyboard to give the reader a more indepth visualization of the relationships between rule of law and corruption. Finally, we wrote down some text at the bottom to provide a formal explanation of why rule of law is important and should be advocated.



# Trial

We tried different way to represent the data diagram and found out the alphabetical is good.

In terms of making the infographics, we tried a lot of different tools on the web. One tool that is worth mentioning was called visme.com. It has this tool called graph engine which is a great data generating tool for making infographics with dynamic data charts. We thought it would be very cool if someone could actually move the cursor on the chart and gets the real data, like the picture showing below.



However, one major problem with visme.com was that the x-axis of the chart cannot label all the countries, it has to have some space between each label. Since we have more than 50 countries in our dataset, listing all of them was not feasible with visme's graph engine, therefore, we finalized our prototype by using Canva.com

We also found out highlighting the words will help on the focusing the key ideas in the explanation part.