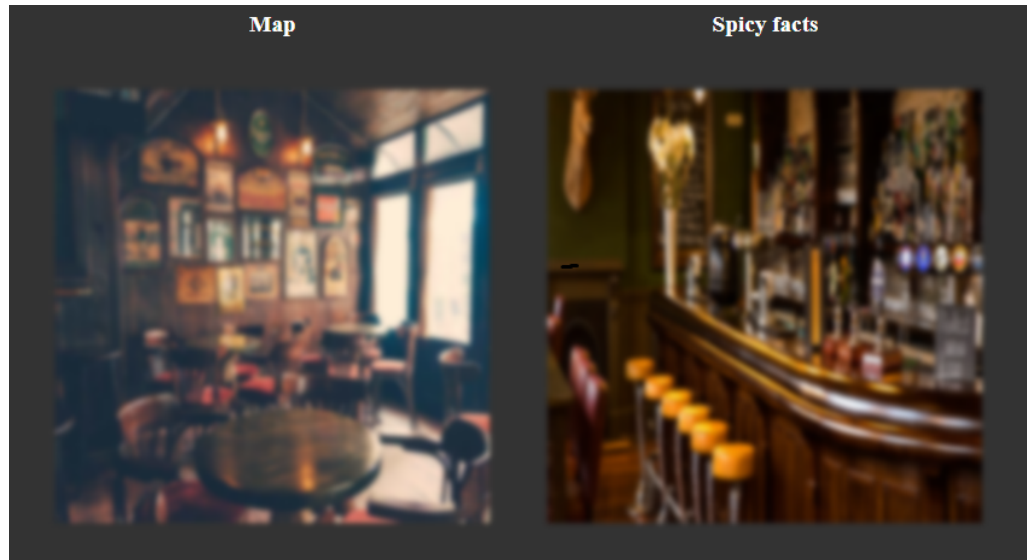


Milestone 2

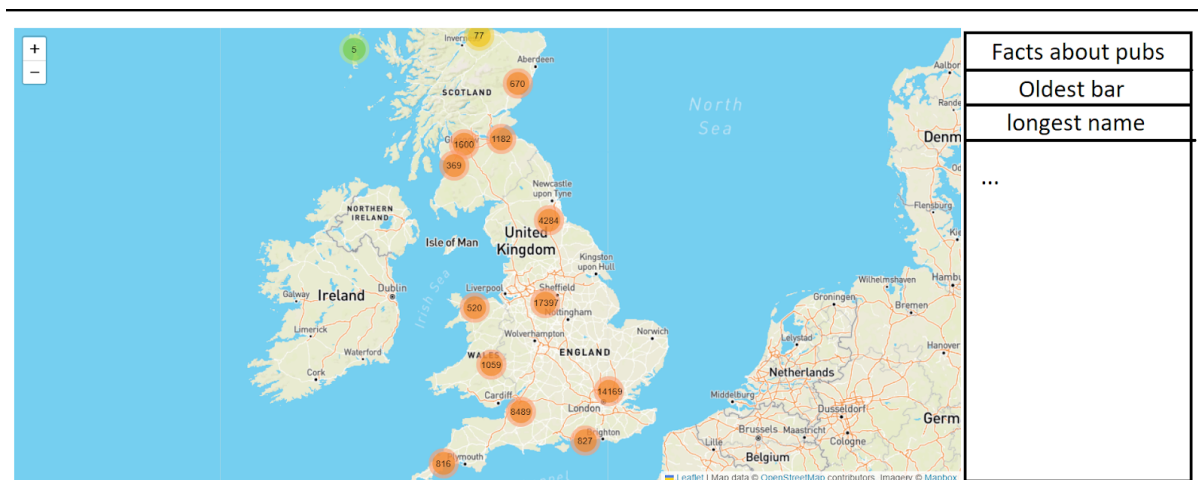
Sketches and visualizations

The first page will look a little like this: (This is actually what we have)



Where we can put the mouse on the picture and get redirected towards the page where the information is. We could add some things to make the page less empty but we don't know yet how.

For the fun facts page, we would have something like this. When we click on the fact, it zooms on the map to show which pub corresponds to the fact. We also want a little explanation to appear when we click on the fact.



A third map is an evolving choropleth that displays the amount of bars in each district in the UK over the course of 7 years. A slider will allow to progress in time.

Required tools



We will need Leaflet with D3 in order to display the map with the data we want to show. So the required lectures are lectures on maps as well as the one on D3.js. We'll also require the lecture on storytelling.

Pieces to implement

We split our website into 4 pages.

- The first one is a welcome page with a menu to access the sub-pages. This looks like the homepage of Netflix.
- The first subpage is an analysis of the distribution of pubs in Britain (with a map that shows the distribution of the pubs according to the region, this is the part inspired by the VoteInfo app). We'll try to link this distribution to observed statistics.
- A second, lighter page contains a map with all the pubs on it, and on the right side displays "fun facts" about some of the bars, like which bar is the oldest one. Where is the furthest point from any bar, what bar has the longest name etc...
- A third page displays a choropleth map of Great Britain that shows the evolution of the number of pubs in each district over the course of 7 years. This section uses topoJSON files for England, Wales, Scotland and Northern Ireland.

Extra ideas:

- In the first map of bars, replace the circles with beer emojis   y beers for when there are more than x bars in the region, and one when there are less than x (We'll still keep the number of pubs on the beers and we'll need to make our own emojis)
- Add another map that showcases the potential influence of pubs distribution on socio-economic factors/events, such as well-being, and alcohol related-deaths.

Functional project prototype

The project prototype can be found on github:

https://github.com/com-480-data-visualization/datavis-project-2022-alendro_and_the_aleandros

The starting page being the index.html one.