

Jasmin Rubinovitz

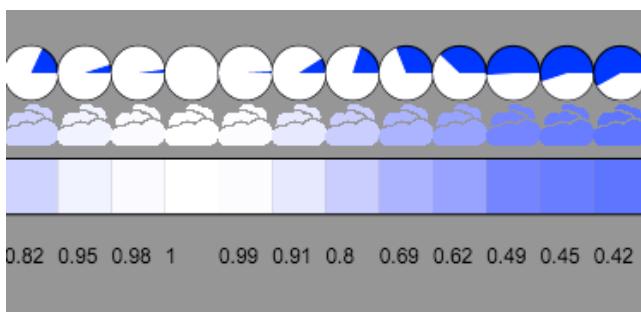
Weather - Literal representation - Process

I've started off by listing all the data points I have in the given data. I've also looked at different weather forecasts I usually use and tried to understand what I like about those and what is important and helpful.

I then sketched a few ideas that came to mind.

One idea I wanted to implement in code was representing different values with different color intensity, so the changes of values are visible and look like a gradient.

I started with trying simple representation for the cloud cover value: pie charts, colored icons and a color gradient



I wanted the top part of the screen to show the current weather.

Since the data has a point called "icon" I used it to choose what icon to show.

I also used the summary text for the current weather.

I've used icon from thenounproject.com and edited them to fit my needs (for adding light and heavy rain, etc.)

I also chose different Icons for showing the values for visibility, cloud cover, humidity, wind speed and precipitations.

In each of these icons, the opacity represents the value.

The wind speed icon is rotated to the direction of the wind bearing. For precipitation - Probability is the opacity of the icon, while the intensity and type are shown in the icon itself.

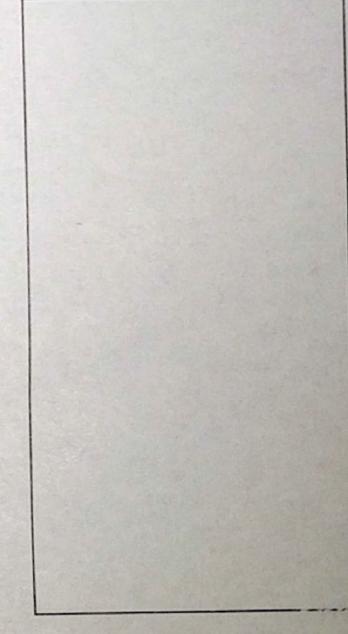
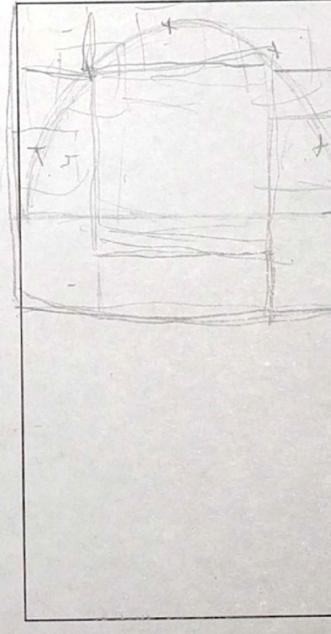
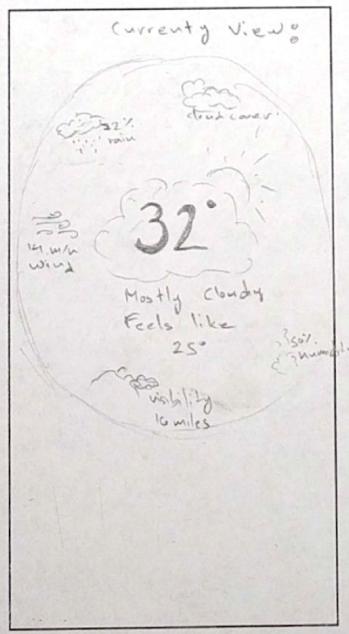
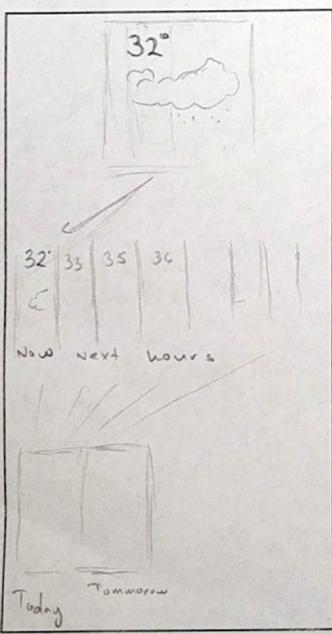
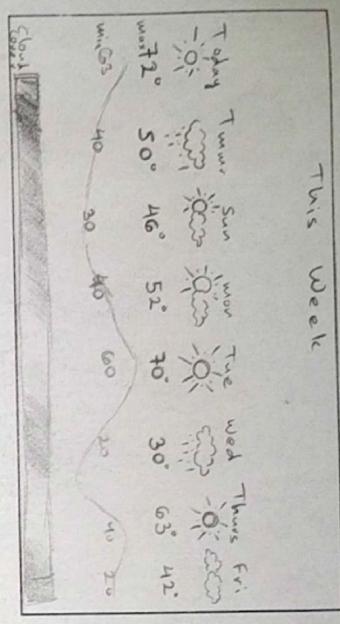
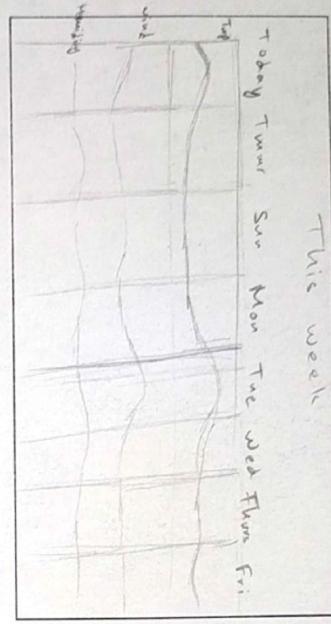
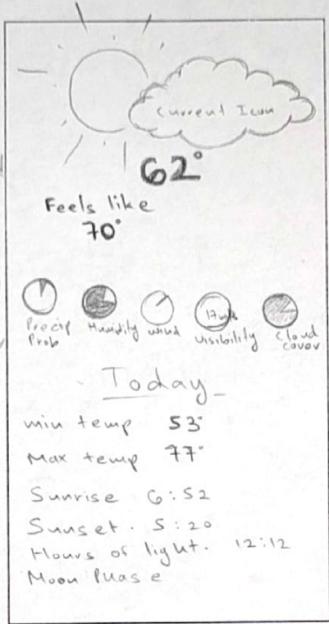
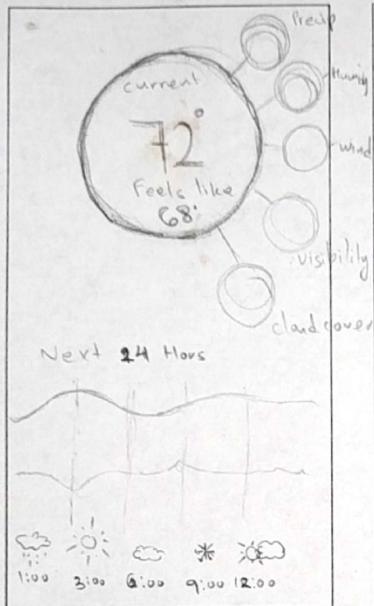
I started with black and white and had hard time adding colors.

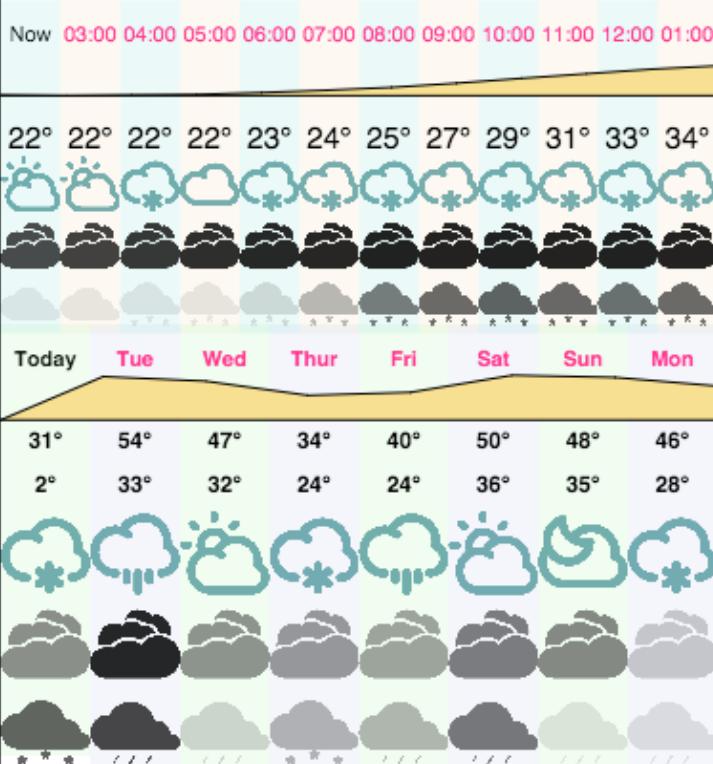
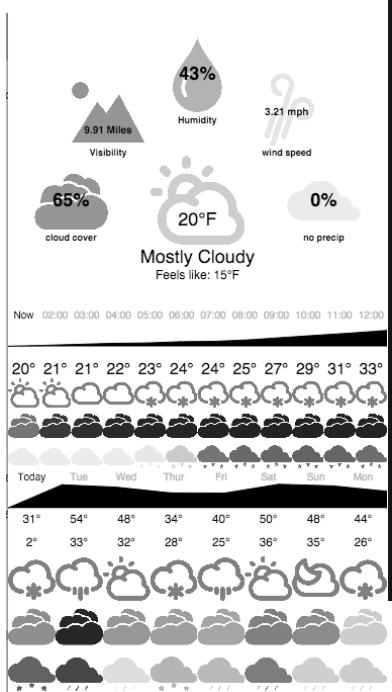
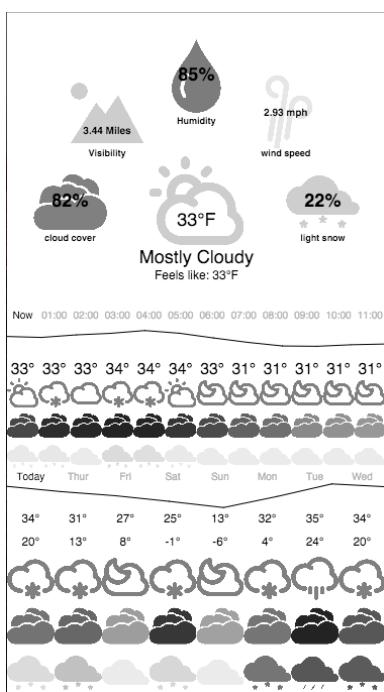
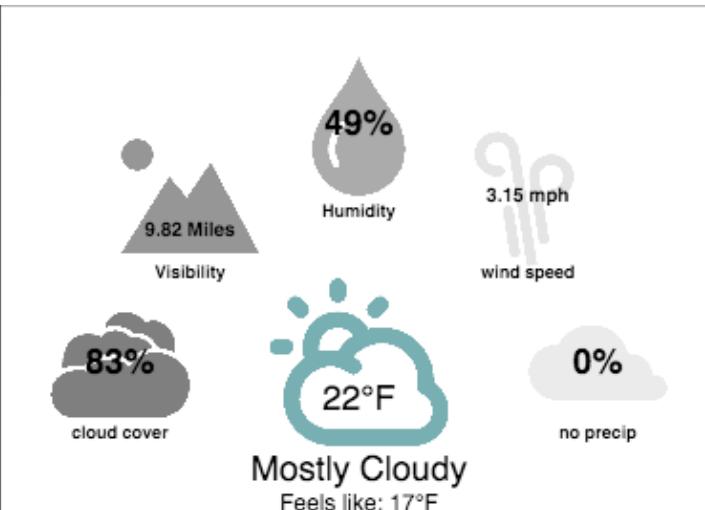
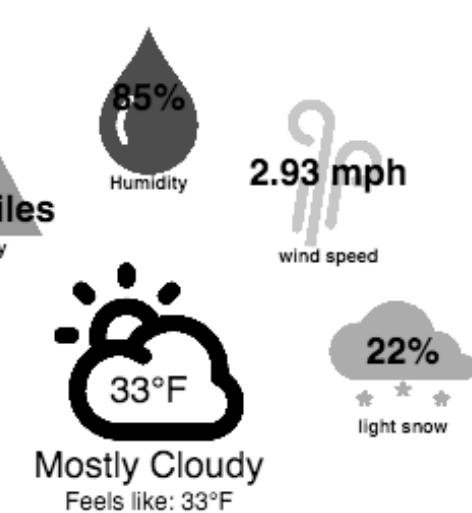
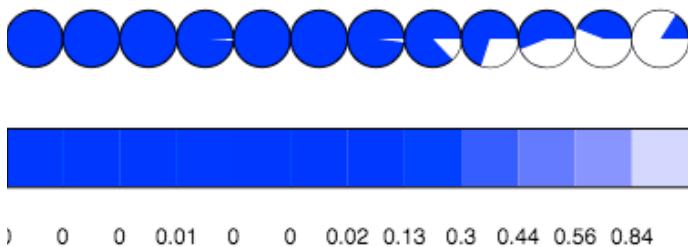
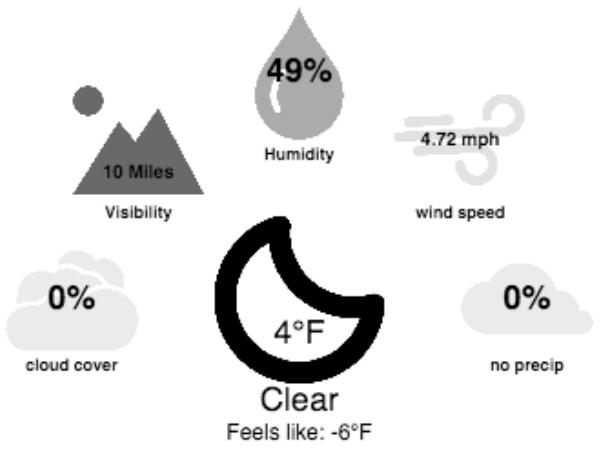
I ended up adding only one color, to make it less boring.

The next step would be adding colors with meaning and making this forecast interactive. (For example when clicking on specific day, more details can show up such as the sunrise and sunset time, the moon phase, the time for min and max precipitation, etc.)

I also think this came out very cluttered, so with more time I would add more white spaces and maybe choosing different icons, since it looks like there are a lot of clouds there.

The pencil sketches and some of the iterations while coding, trying different text sizes and colors:





Final result:

