Alcoholics Anonymous
Your next meeting in Manhattan

What will the visualization look like?
The visualization will be a map of Manhattan and a interface to filter the meetings by date.

Will it be interactive? If so, how?
It will be interactive. By selecting a range days of the week and a time range in the the interface only the selected meetings will be shown on the map. Another feature would be filter by proximity to a specific address, but I don't know yet, how to implement that. A pointer on the map can then be clicked and will reveal the locations at this address and the information on the meetings. The last filter option would be to select Meetings by meeting type.

How will the data need to be mapped to the visual elements?
One dot on the map will represent one address in the data. By clicking the user can see the meetings at this address (and if there's more than one location at this address.

For that mapping, what needs to be done to the data?
A query needs to be made to the postgres database with the right parameters according to the user input. (In my case different tables have to be joined.

Be specific and clear. Will it require filtering, aggregation, restructuring, and/or something else? How will this be done?
In this case the data needs to be joined first, because it is stored in different tables. The parameters selected by the users need to be passed and used in the query to the relational database. According to those parameters the data has to be filtered, aggregated and resturctured. Meeting rows that share one address need to be aggregated and nested into only one JSON object that will represent one marker on the map. For a more specific description of the process I think it's best to see the documentation of the code of assignment 10 and later the final assignment.

What is the default view (if any)?
The default view should be a map showing all the meetings for the rest of the current day.

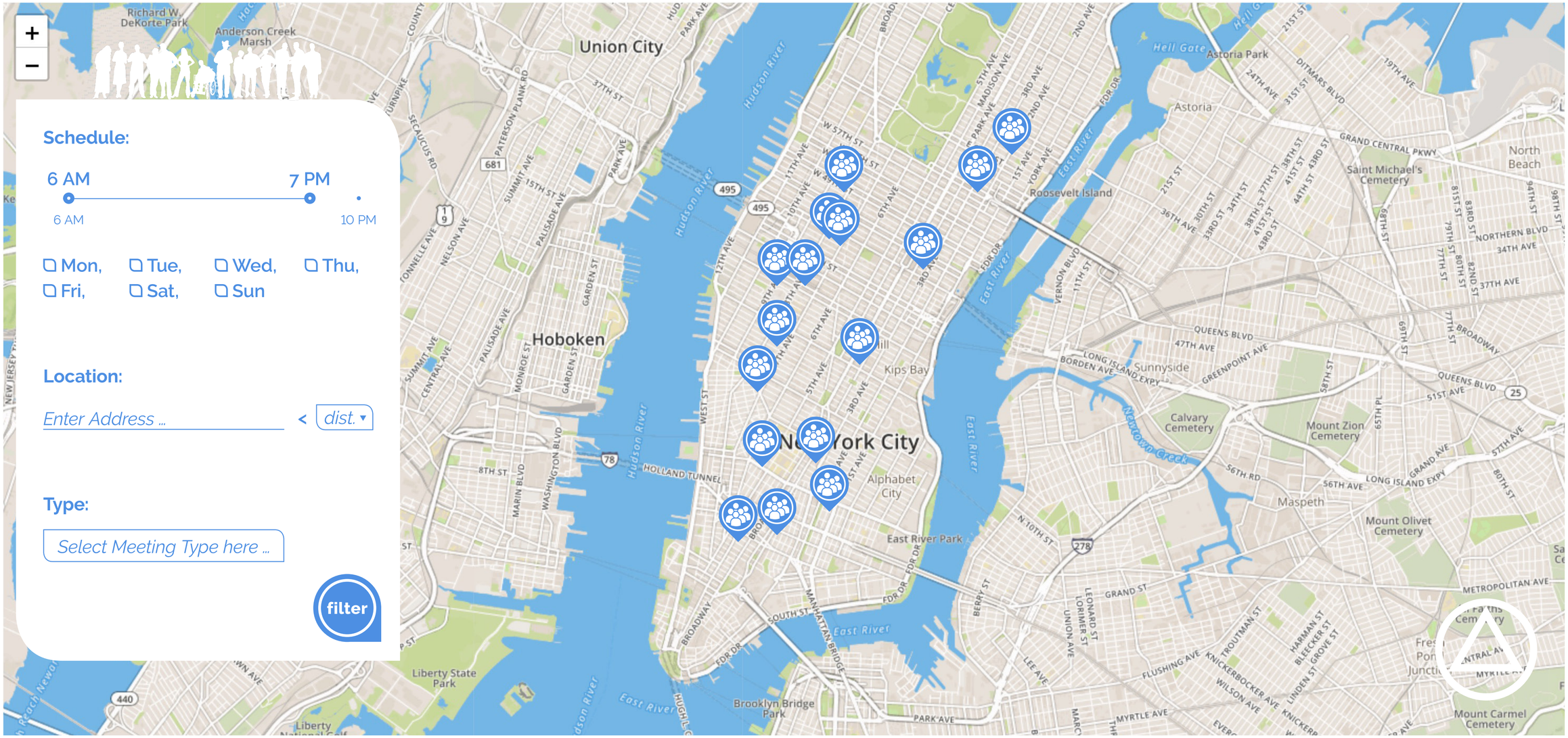
What assumptions are you making about the user?
I think there are different types of users: A larger group might want to find their first AA meeting. It might be urgent so I can imagine that they would appreciate to see what is still available that day.
Other users might want to find meetings that fit their schedule, so I think it would be best for them to filter according to their iternaries as specific or as flexible as possible. Therefore it would be good to be able to select the day of the week and the time one is available each day (maybe a bit like doodle).
A third group may want to find meetings that are close to (or far from) their home or work and therefore prefer a location based search.
Overall I think the design should be friendly but trustworthy. An important message that could be conveyed by the design is that people in a difficult situation don't have to feel alone.

Notes on implementation:
For time management reasons, I will develop the design gradually and work on the basic functionality first and continue form there as long as there is time.

Design notes:
I think the tiles and color scheme of the example provided is very well suited for the map. It is commonly used and will feel most naturally to the user.
Color wise I chose to use a spot color between cyan and blue, that is trustworthy but friendly enough. Rounded corners on just two sides of rectangular elements are intended in the same way.
The Community Icon and the group of people silhoutte are small interventions to suggest that a safety net is available in difficult situations.

Reference
Community by Wawan Hermawan from the Noun Project
Group of People & Triangle in Circle, Copyright © 2018 by Alcoholics Anonymous World Services

Alcoholics Anonymous: Your next meeting in Manhattan



Dear ~~Diary~~ Judith,

What will the visualization look like?
The visualization will be a matrix of the entries but every element of the matrix will only be revealed by scrolling through the site

Will it be interactive? If so, how?
It will only be interactive in the sense that the user can navigate the map.

How will the data need to be mapped to the visual elements?
I want to change the typography according to the tags I assigned to the entries. I want to try and experiment with the "distances" between the entries, maybe they could convey information about another aspect of the data: time passed between writing two entries for example.

For that mapping, what needs to be done to the data? Be specific and clear. Will it require filtering, aggregation, restructuring, and/or something else? How will this be done?
I wrote entries in sequence and subsequence. So I just need one query for each entry and the next entry will just be the next in the sequence on one of these hierarchy levels.

What is the default view (if any)?
I think I would want to start in the middle of the entries. So users could go in either direction: To the beginning where the idea of this diary is explained or to the end, where the newest entries can be found.

What assumptions are you making about the user?
I think the user for this is either someone already interested in it, Judith or me, who want to read this entry by entry or maybe skim through a couple but always want see the entries in the linear sequence. I think the variation of typography is also one more layer of expression important to this. And it's more like a format that I want to share in the future, where I could invite someone else to make entries or annotations themselves and then there would be a good reason to think about rearranging and linking entries.

Design notes:
Because this is more a personal format and is situated in an art context, the main priority of the design in expressiveness and less oriented at user habits and expectations. I want to use typography to underline or juxtapose the meaning of the entries. Distance between entries can be another level of conveying un-/ relatedness of entries.

Dear ~~Diary~~ Judith,

It seems so strange to write to you in English, why would I do that? What strange excercise is that? I think it's ok for this excercise but I feel like we loose a lot of subtleties in the way we structure language and story telling in our mother tongue. So let me think, what we need. We need a category of things that can only be said in German.

Things that can only be said in German:

Das hier ist vielleicht so etwas wie eine Sammlung, eine Übung, die hoffentlich hinterlässt, was man gerne wieder aufgreifen möchte. Und im Besten Falle vielleicht etwas, was wir beide benutzen könnten um darüber zu sprechen, was wir vielleicht einmal zusammen machen könnten.

Heute als ich in der U-Bahn saß, fiel mir auf, dass ich viel deutschsprachige Musik höre und es könnte daran liegen, dass ich diese Zeit, das Hiersein als Zwischenzeit, zwischen vergangenem Nichthiersein und zukünftigem Nichthiersein wahrnehme, dass obwohl ich mich oft wundere, dass ich mich ganz distanzlos fühle, nicht mehr über die andere Sprache nachdenke zum Beispiel, ich oft an die Zukunft denke, die nicht hier stattfindet.

This artist we have been talking about

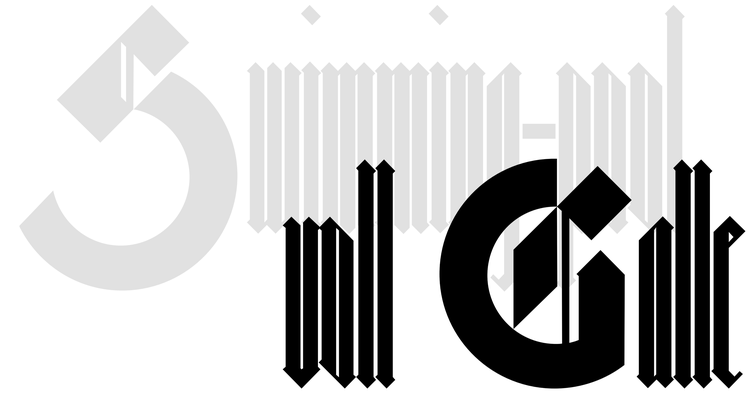
Bas Jan Ader, you told me about his three-minute black-and-white silent film, *I'm too sad to tell you* and how he tried to cross the ocean in a little boat and disappeared.

Music

I got this weird habit at the moment listening to a lot of chamber music. As always I'm really lazy when it comes to finding music so that leaves me with the *The Baroque 50: Spotify Picks*. It might sound a bit crazy, but in a way I can relate to that aristocrat mentality that vibes with that music. I think it's because of this *guilty pleasure* – what a strange expression, I would not actually feel guilty about my pleasure watching this – *show* that I'm currently watching, *Versaille,* about Louis XIV. I don't know if you can relate to this but sometimes shallowness and hostiliy concealed in etiquette have a strange atmosphere of honesty to them.

A Thing to Say to a Diary

You know I hate to end relationships, especially when it has to be on a a bad note. But I finally mangaged to end the one I was telling you about when we sat in the crazy lunchtime heat of Karlsruhe at Kühler Krug. I finally ended that. And it's good.
It's even sort of a heart-warming feeling to know you have alomost something like an enemy very close to you.



If I every feel like it, I also want to have a category to vent a bit. This would be it.

Why not set the copy in *Gill Sans* and headlines in *Bastard,* by Virusfonts.

Laptop Wanderlust

What will the visualization look like?

I want to use the gathered data to make a 3d extruded imaginary path of the movements of my laptop to compare different dates and see if there is a pattern to how I move it during the day.

Will it be interactive? If so, how?

There will be only a interface to select a particular day.

How will the data need to be mapped to the visual elements?

I want to create a path of the data by setting the average of all values as reference. Each new point will be rendered in relation to that reference point and the previous point.

For that mapping, what needs to be done to the data? Be specific and clear. Will it require filtering, aggregation, restructuring, and/or something else?
How will this be done?

Goal: For the mapping I need to convert my values into vertices.

1. I want to calculate the averages of my min and max values, for ervery row:

x-min	x-max	–	x-avg
1771	2135	–	1953

y-min	y-max	–	y-avg
1820	2576	–	2198

z-min	z-max:	–	z-avg
1747	2590	–	2168,5

2. Then I want to calculate the overall mean of all rows, let's assume the result are thes values:

x-aavg	y-aavg	z-aavg
1971	2275,5	2168,5

3. I'll calculate the difference to get the vector.

x-vector = x-avg - x-aavg
1953 - 1971 = -18
y-vector = y-avg - y-aavg
2198 - 2275,5 = -77,5
z-vector = z-avg - z-aavg
2168,5 - 2164.5 = 4

4. And these values will be added to the values of the coordinates of the vertex before.

x-next-vertex = x-previous-vertex + x-vector
y-next-vertex = y-previous-vertex + y-vector
z-next-vertex = z-previous-vertex + z-vector

More details will follow in the documentation for assignment 10 and the final assignment.

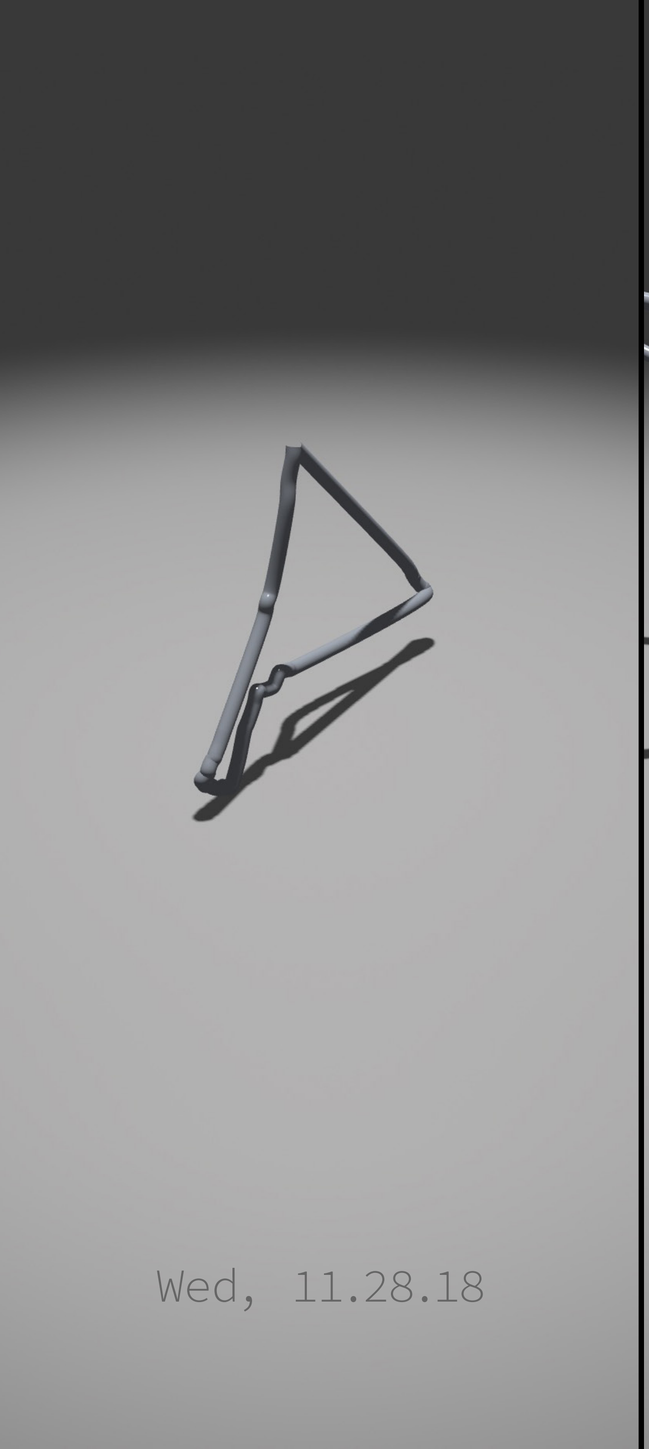
Because the path will not be linear to time, I might include ticks later for every 6 hours.

What is the default view (if any)?

I think I want to make 4 frames of the last four days and by clicking on them a fullscreen view of . to see if there is a pattern accross weeks.

What assumptions are you making about the user?

I think I need to think of a small note to explain how a accelerometer works and that with this setup there is no real positioning in space and since the values are just relative measures, the resulting path will only be imaginary. I can imagine that the user would still be interested in seeing one day in detail and the maybe some additional information on the day.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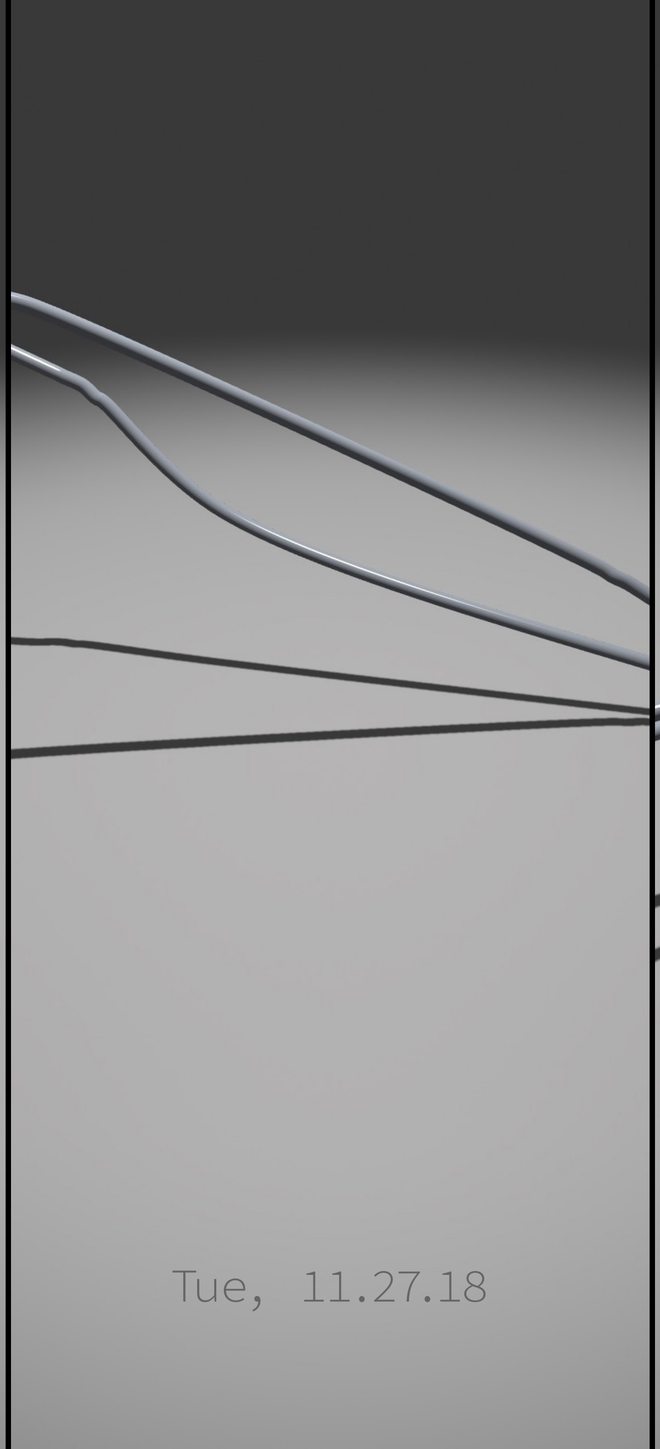
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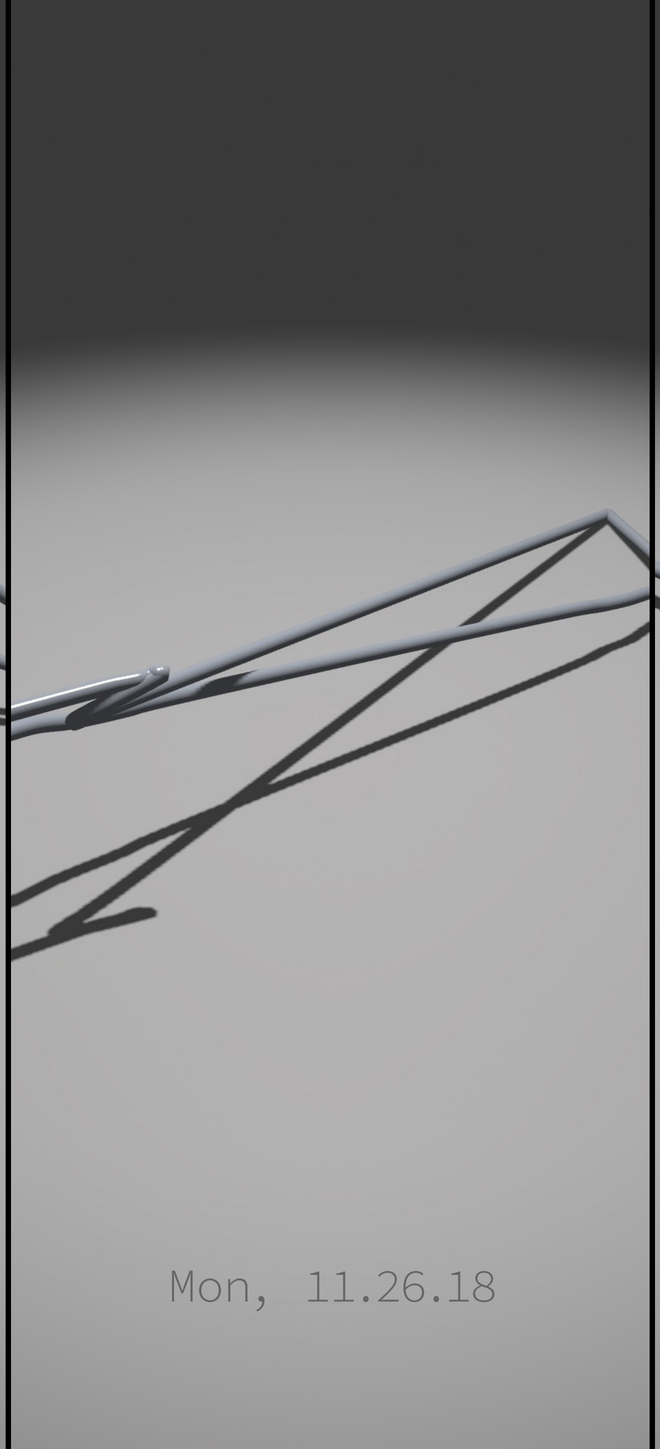
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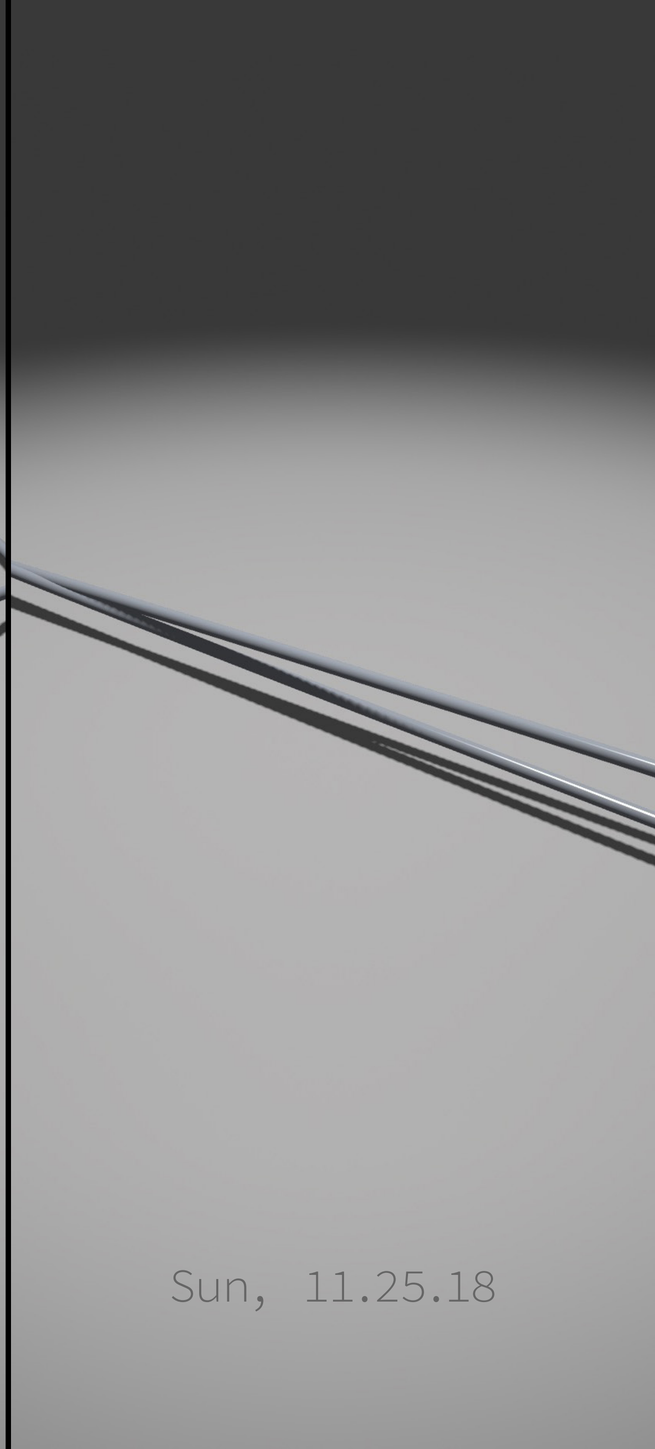
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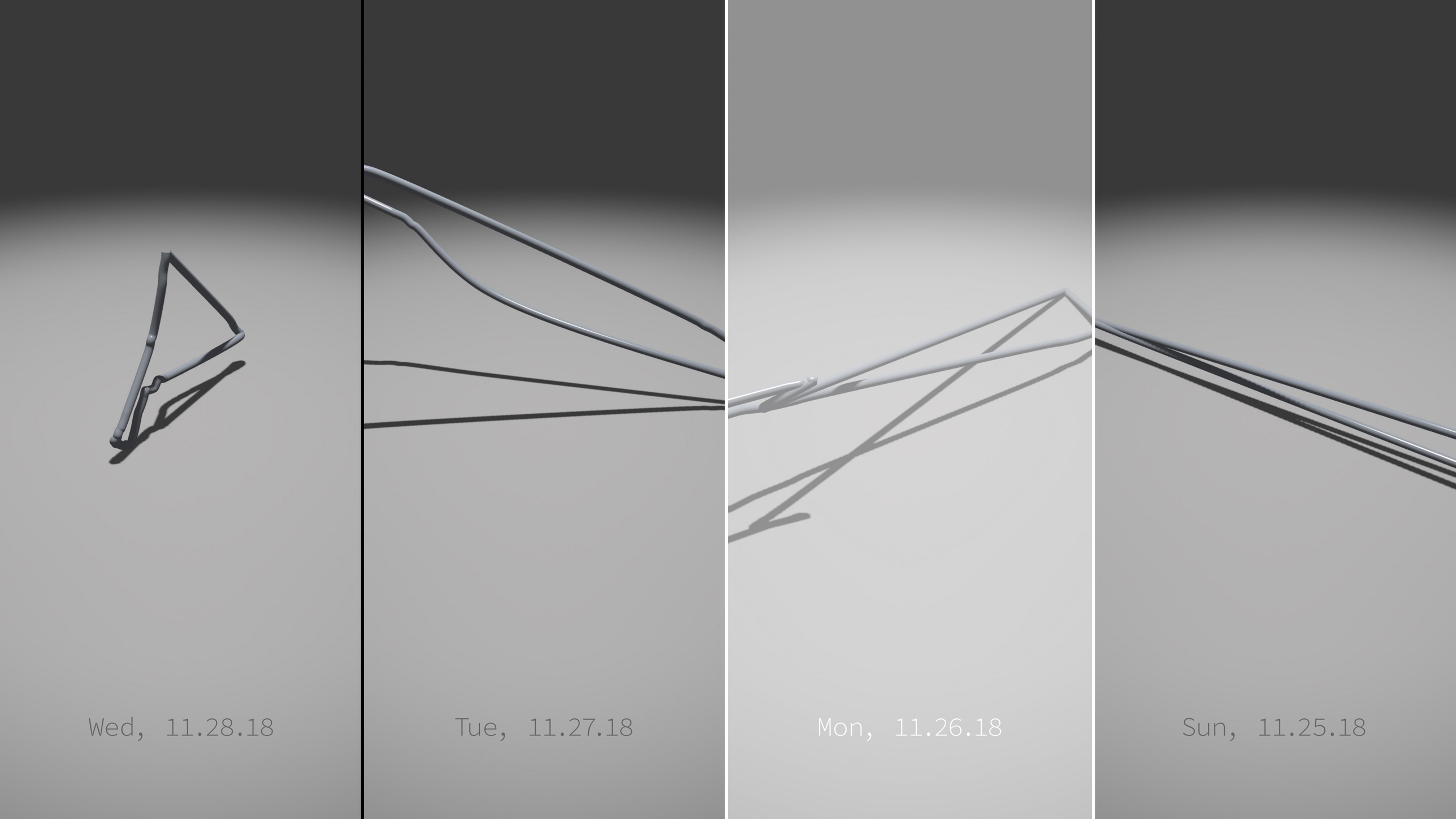
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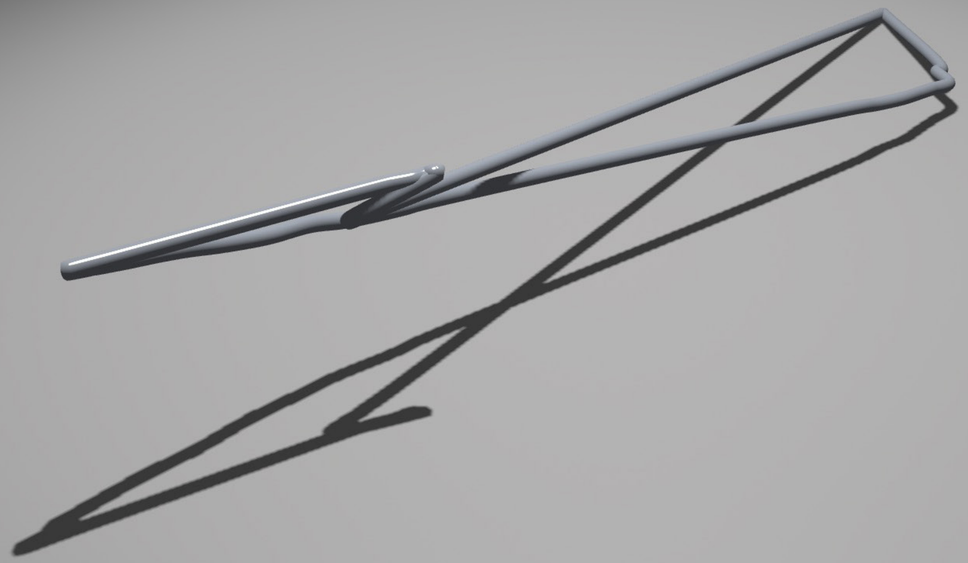
Tue, 11.27.18
Mon, 11.26.18
Sun, 11.25.18



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