

01

Fog

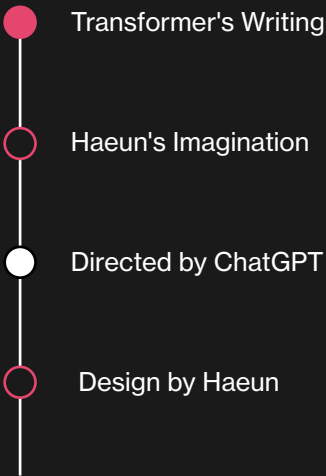
- Collaborative Mode / 40 : 60

This mode tricks AI into being a design director. I ask AI to clarify how the vase looks for a specific flower that we've imagined together, such as shape and material, which guides the design.

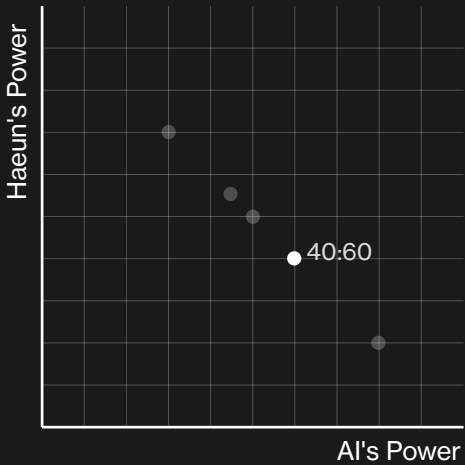
- Exploring

Can AI direct design?
How is it different from being directed by other human?

- Process



- Involvement



Together with Transformer, we imagined a story of new flower that doesn't exist in real world. This writing AI is using an older version of currently viral ChatGPT developed by OpenAI. She is capable of writing quite decent text, but still with some non-sense output sometimes, which is considered as failure in AI, but can bring an interesting idea to a creative process.

Based on the story of the flower, I imagined the scene when the flower is brought into a living room. What kind of vase would this flower need?

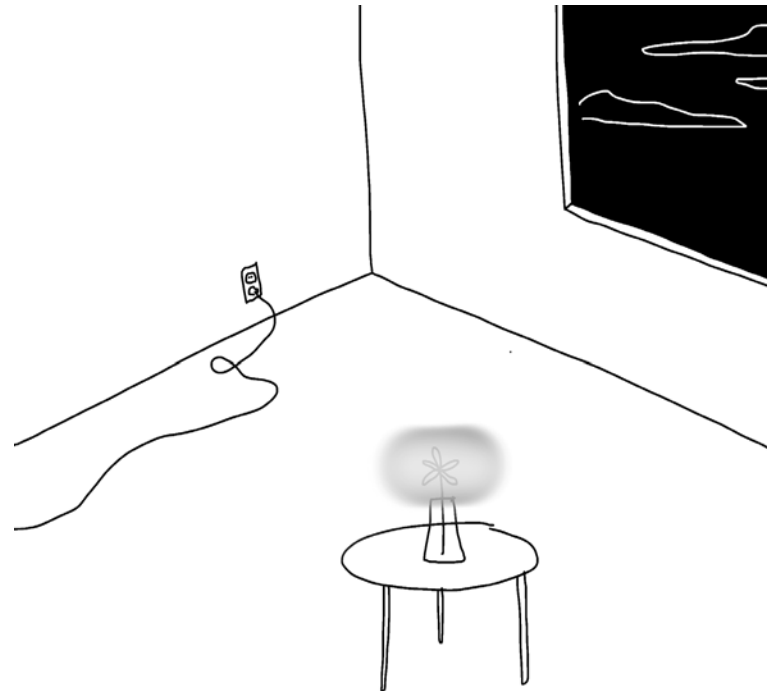
To explore the possibilities of AI in design process, I assigned AI to direct the design of the vase. I described the flower that transformer and I imagined to ChatGPT, which is supposed to be a smarter one, and asked how the vase looks like.

What I originally imagined by myself and what AI wrote had no similarity. But now he is the director of the design, I designed based on his comment. Still the shapes and details are upon my decision though the AI decided the mood. Then the vase was free-hand blown without mold just based on measurements.

Haeun's Writing

Transformer's Writing

There is a flower who is extremely shy, so he hides in the fog whenever he sees someone. He is afraid that they will see him and judge him. "Don't look at me, I am just a flower." He thinks to himself. His face is hidden in the fog, but his eye are full of sadness. Where did all this sadness come from? The flower remembers a time when he was not so shy. He used to be the center of attention and everyone loved him. But then, one day, he was picked by a girl who was playing with her friends. They laughed at him and made fun of him. Ever since then, he has been hiding in the fog.



My question :
How does the vase looks like? Imagine and describe the vase for this shy flower in detail : shape, color, material, and so on.

AI's Answer:
The vase is a simple, clear glass vase. It is tall and slender, and has a wide opening at the top. The flower sits in the vase and his head is just below the rim. His stem is long and thin. The vase is filled with water up to the brim. The fog has gathered around the vase, and it is so thick that it obscures the view of the flower from all sides. It is gray in color and has a cool temperature. The fog is also humid, which makes the flower's petals feel damp.





02

Luminis Terra

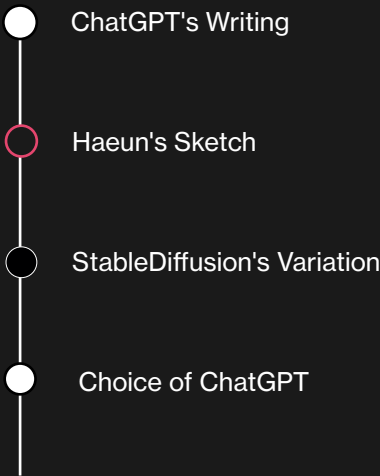
- Collaborative Mode / 20 : 80

This mode pushes the boundary by giving the power of making decision to AI. The AI selects which version of vase to develop further.

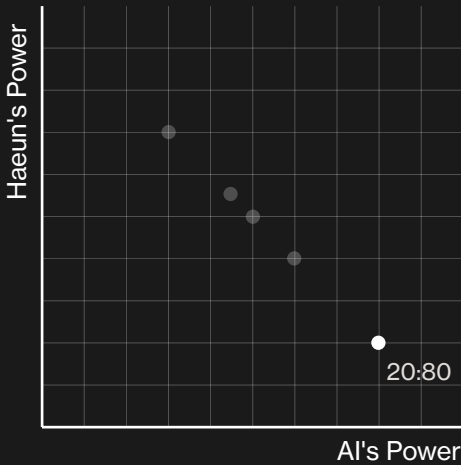
- Exploring

Can AI make choices or decisions?
The possibility of quantitative aspect of AI

- Process



- Involvement



Chapter 1: The Luminis Terra

Once upon a time, in a land far, far away, there existed a magical clay that possessed the extraordinary ability to glow in the dark. The clay was known as “Luminis Terra,” or “Shining Earth,” and it was said to have been created by the gods themselves. The people of this land treasured Luminis Terra above all other materials,

...

From that day forward, the Luminis Terra clay and the *White Vase* became a symbol of the power of hope, determination and hard work, and they continued to be passed down through the generations as a reminder of the kingdom’s history and the magic that can be found in the world.

The End.

- ChatGPT



Input : Quick sketch of "White Vase"

Output : 640 variations of the vase created within 30 min by StableDiffusion



What if AI can make decisions? I had a chat with ChatGPT and narrowed down 640 images into 22 manually, named the image files from 1 to 22, and asked it to pick one number.

Haeun : Hey, stable diffusion and I made 640 images of a blue vase based on your stories about the glow-in-the-dark clay. Some are paintings, some are pictures. Which do you feel more?
ChatGPT : *I think I'd feel more connected to the paintings. Paintings can capture a lot of emotion and meaning that photos can't, so I think I'd appreciate the deeper connection I could have with the paintings more.*

Okay, simple and minimal vase or decorative?
I think I'd prefer a simple and minimal vase. Something with clean lines and a classic shape. I think that would be timeless and elegant, and would draw more attention to the details of the clay itself.

I think so too- lovely. Let's see... Within the groups of minimal vase images, there are some that have minimal, graphical shapes such as circles or lines, or there are others that have some playful shapes. Which direction should we go for?
I think it would be interesting to go with playful shapes. It would add something unique and unexpected to the images of the vase and make them more eye-catching.

Okidoki. Soft or clean edges?
I think I'd prefer clean edges. Clean edges give a more modern and refined look, and would better accentuate the vase's unique design.

Okay great, we've narrowed it down to 22 images. Since you are not image-based AI, maybe we just have to choose one randomly. How about you pick one number? Would this be okay?
Yes, that sounds like a good plan. I'll pick number 8.

Yay! we got the one :D hope you like it as well!
I'm sure I will! Thanks for helping me choose.

Of course! I will update you once it is realized with real clay.
Sounds great, I look forward to it!



My hands become a tool for AI

03

Achingly Beautiful

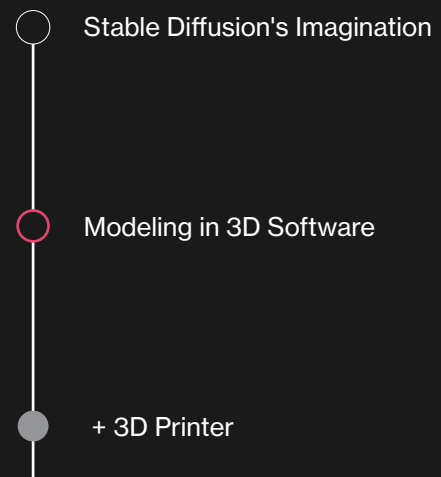
- Collaborative Mode / 50 : 50

This mode explores what happens when AI's imagination materializes. I model and print the vase with clay that AI visualizes using 3D software.

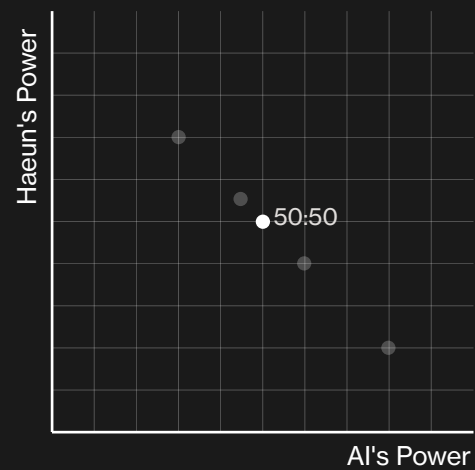
- Exploring

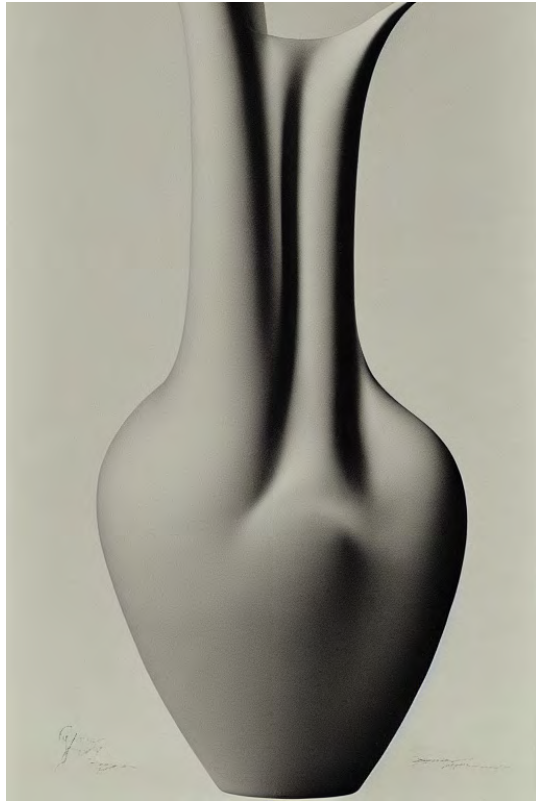
What material means in digital world?
3D printer as a translator of digital and physical world

- Process



- Involvement





AI's imagination of
"achingly beautiful vase"



3D modeled with design alteration
in order to be realized



3D printed with fine clay material



Glitch during the translation

04

Rooms

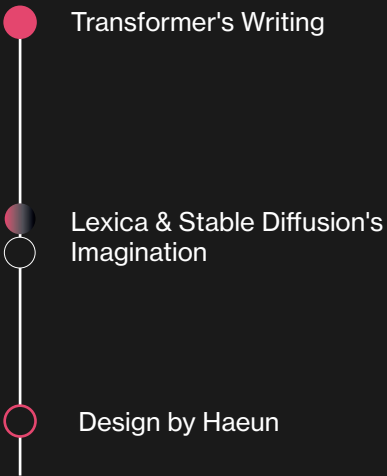
- Collaborative Mode / 55 : 45

In this mode, writing AI and image-making AI collaborates as well, and I become a translator for them to communicate. Then I design the vase and test different materials based on the AI's story and visuals.

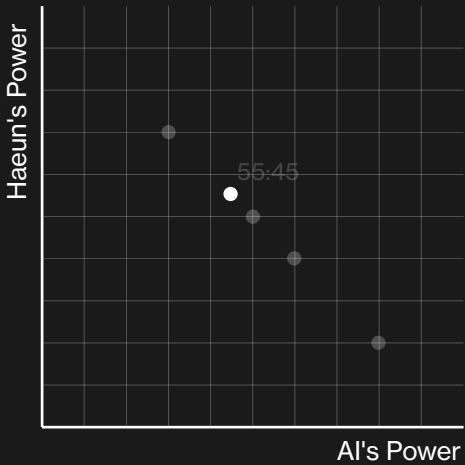
- Exploring

Can different AI collaborate each other? How?

- Process



- Involvement



It's a lonely day.

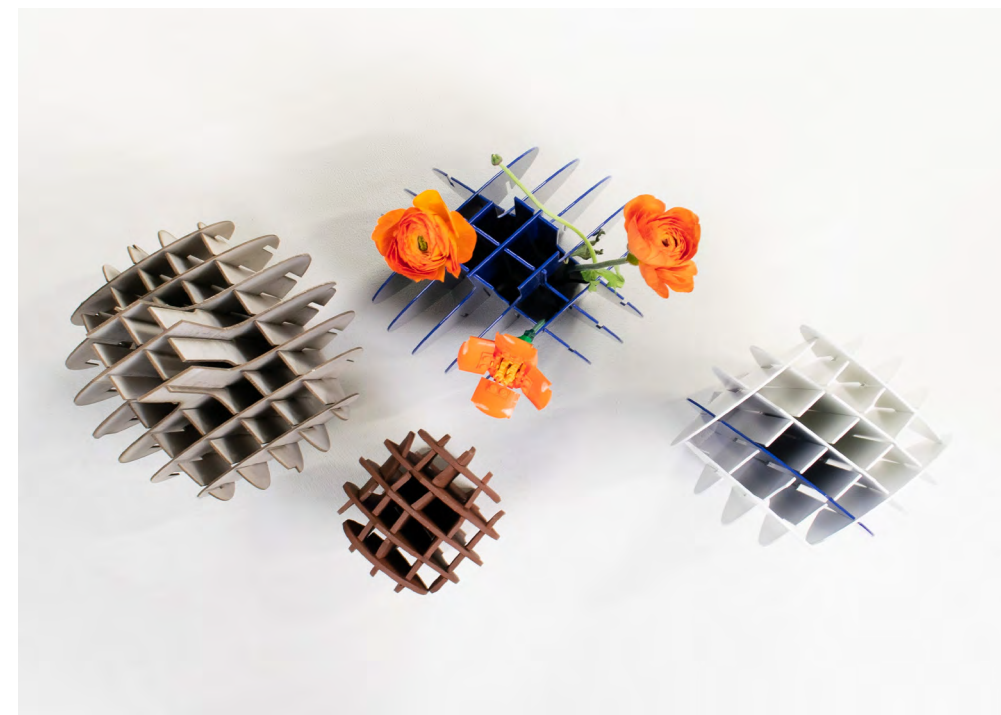
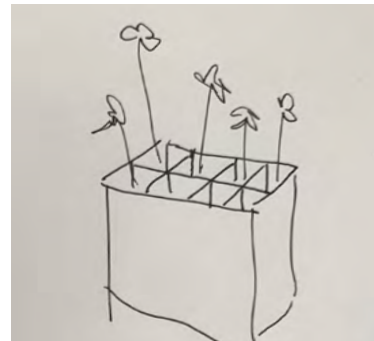
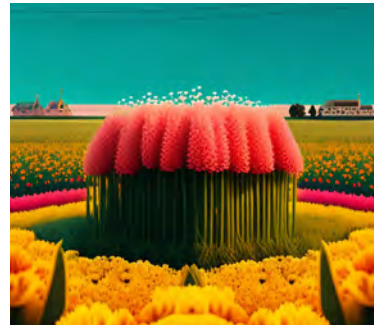
The flower feels like it's the only one in the world. It's feeling sad, but also grateful for that there is still some company near her. It is a weird feeling. She doesn't want to be together with them but she feels certain comfort knowing that they are still with her.

She is a sensitive flower. She does not like when the other plants get too close, because she is afraid of being touched. She is scared of being trampled on and having her petals plucked off. She knows that it will happen to her eventually, but she is still scared.

Still she certainly appreciates other flowers' presence. She can feel their energy and understands that they too are lonely and in need of a friend.

The flower takes a deep breath and closes her eyes, trying to fill her heart with joy. She remembers how much she loves the sun and the rain and how beautiful it can be to just exist in a world filled with life. She feels thankful to be alive, even if it is a lonely day. Maybe it's not so bad after all because she still has her own company. The flower takes the time to appreciate her own unique beauty and the beauty of the world around her. Maybe it's not so lonely after all.

- Write with Transformer



05

Arctic

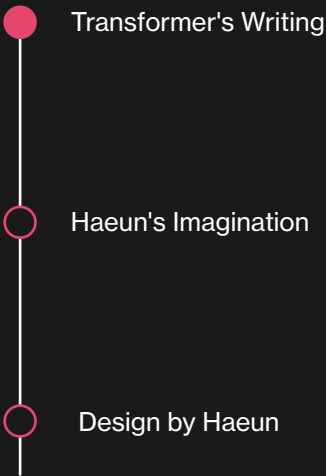
- Collaborative Mode / 70 : 30

This is the simplest mode of collaboration. AI writes a short story of flower, and I simply design the object.

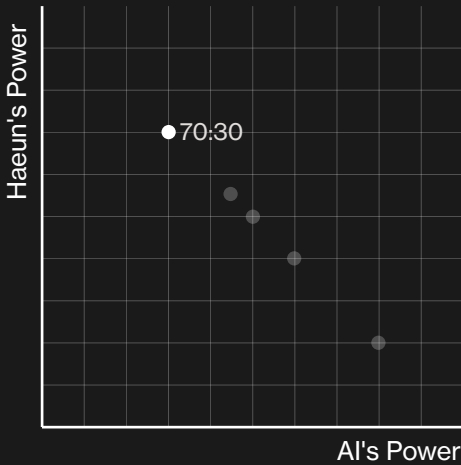
- Exploring

Does AI have to be correct even in creative process?
How much do I believe what AI says?

- Process



- Involvement



The flowers made of water would also turn into snow or frost if not in some shape. They grow from very shallow holes in an underground pool that are only partially submerged (fig.2), with a layer called an Arctic. The water never dry and the flower, with its roots, remains a liquid even as it ages, but this makes for great timekeeping. Things stop when they bloom in the middle of their winter season and grow again to fill their new spaces on the slopes.

- Write with Transformer (GPT 2)

