

2.4 Observational Study

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1. First Participant

- **User description:**

The first participant is a woman in her early twenties. She has experience of going art academy when she was young and likes drawing. But after graduating from elementary school, she does not have extra experience in drawing except in the art classes in middle and high school.

- **Rough transcript:**

Q. Explain your experience with art or drawing

A. Like other people, I was going to an art academy when I was an elementary school student. But after graduating the elementary school I don't have a distinct or special experience with art. (With little shyness)

A. Do you like comic books? Or something similar like webtoons.

Q. Yes, I like webtoons. I like all genres of webtoons, but I prefer kinds of cute drawing styles, for example, the drawing style of "Love Revolution". (With a smile)

Q. What is your favorite superhero character?

A. I like Iron-man most. Because he invents something cool and amazing based on his scientific knowledge. That seems realistic to me.

(Give them a reference picture and asked them to thoroughly analyze it for a minute)

(Asking to draw the picture without the reference picture)

Q. What can you remember for the reference picture? Can you describe it?

A. I can remember the apples and the pottery... and something like a tablecloth. But I cannot remember the colors.

(Give them a reference picture again and asked them to thoroughly analyze it for a minute. Then Asking drawing the picture with the reference picture)

Q. In this second drawing, did you draw mostly based on your memory or the reference picture?

A. As the reference picture is shown in front of me, I mostly referred to this reference picture when drawing...

(Observation) Observe how many times they investigate the reference picture: The participant saw 1 time in 2 seconds when drawing with the reference picture.

Q. Which drawing do you think looks better.?

A. I think the second picture looks better than the first one. Because it is more like the reference picture. But the first drawing was funnier than the second because, in the first drawing, the process of remembering and imagining the reference picture which stimulates me to feel good!

2. Second Participant

- User Description

The user is a male in his late twenties. He does not have any experience in drawing. The user does not like comic books, rather prefer to watch superhero movies.

- **Rough Transcript**

Q Explain your experience with art or drawing.

A Basic coloring and drawing from middle school. To be honest I don't enjoy drawing. I do draw some figures and shapes to better understand them, but I never liked drawing.

Q Do you like comic books?

A I like comic books and usually go through them if available, especially while waiting for my doctor appointment, but it is not something I would consider I am addicted to like many other youngsters.

Q. What is your favorite superhero character?

A Yes, I really like the Dead-Pool, and spiderman. They are not the perfect superheroes. They make mistakes and try to improve themselves.

(Give them a reference picture and asked them to thoroughly analyze it for a minute) (Asking to draw the picture without the reference picture)

Q. What can you remember from the reference picture? Can you describe it?

A I remember a pot or maybe two and a couple of Apples in front of it on the table.

Q What else do you remember.

A I remember that there was a green pot, and yellow apples.

(Give them a reference picture again and asked them to thoroughly analyze it for a minute. Then Asking drawing the picture with the reference picture)

Q. In this second drawing, did you draw mostly based on your memory

or the reference picture?

A. I remembered the reference picture. Just wanted to make sure I am on the right track.

(Observation) The user was looking after each stroke to then picture. Moreover, I noticed that the number of times the user used erase has drastically increased. The quality of the lines decreased. The strokes are not smooth as the first picture.

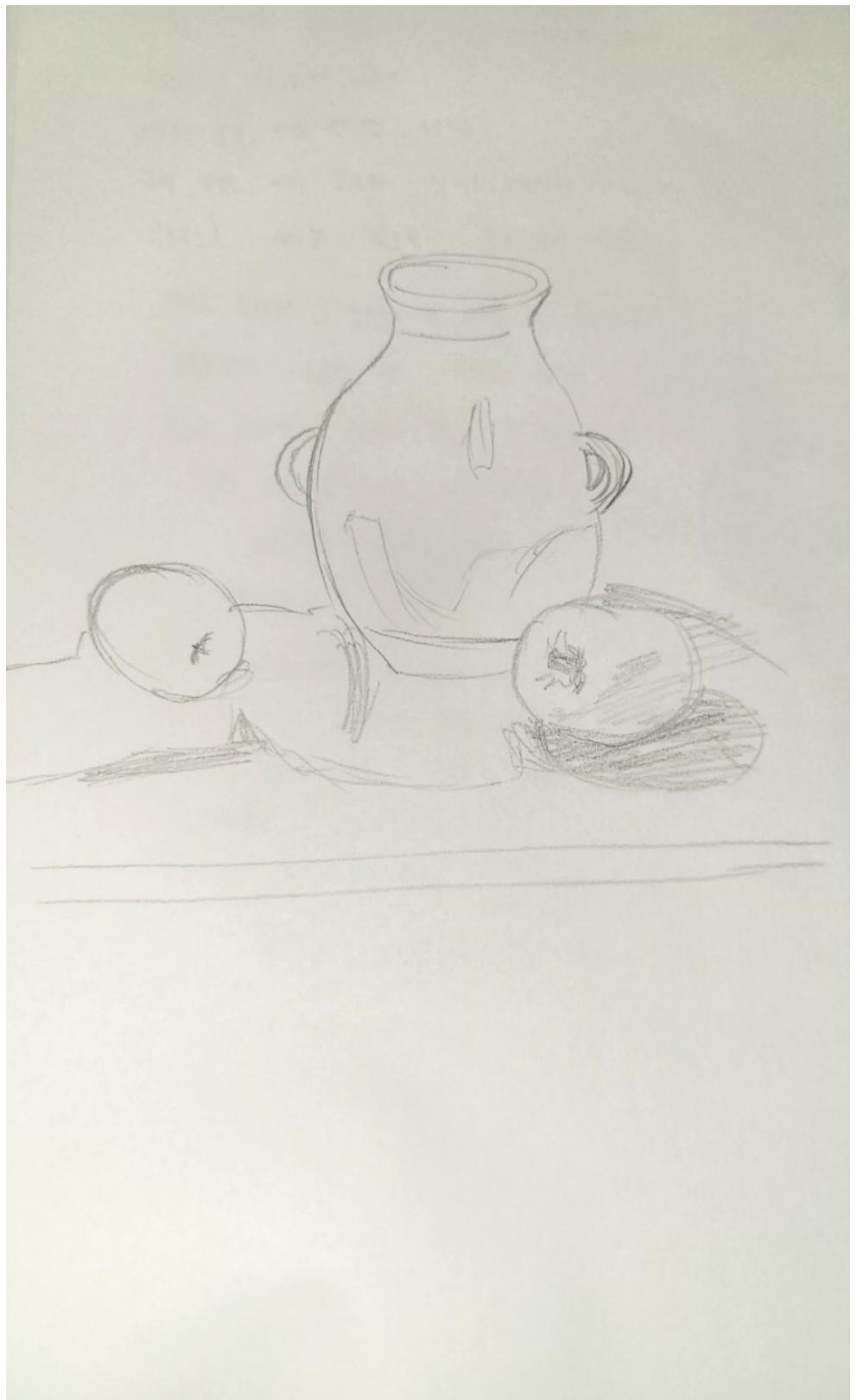
Q. Which drawing do you think looks better.?

A. I think the first picture came very good because I was only focused on the picture. Considering the limited time. The drawing from the memory option is very efficient. I liked the first drawing because it reflects my thoughts and feelings.

- **Images of creative artifact**

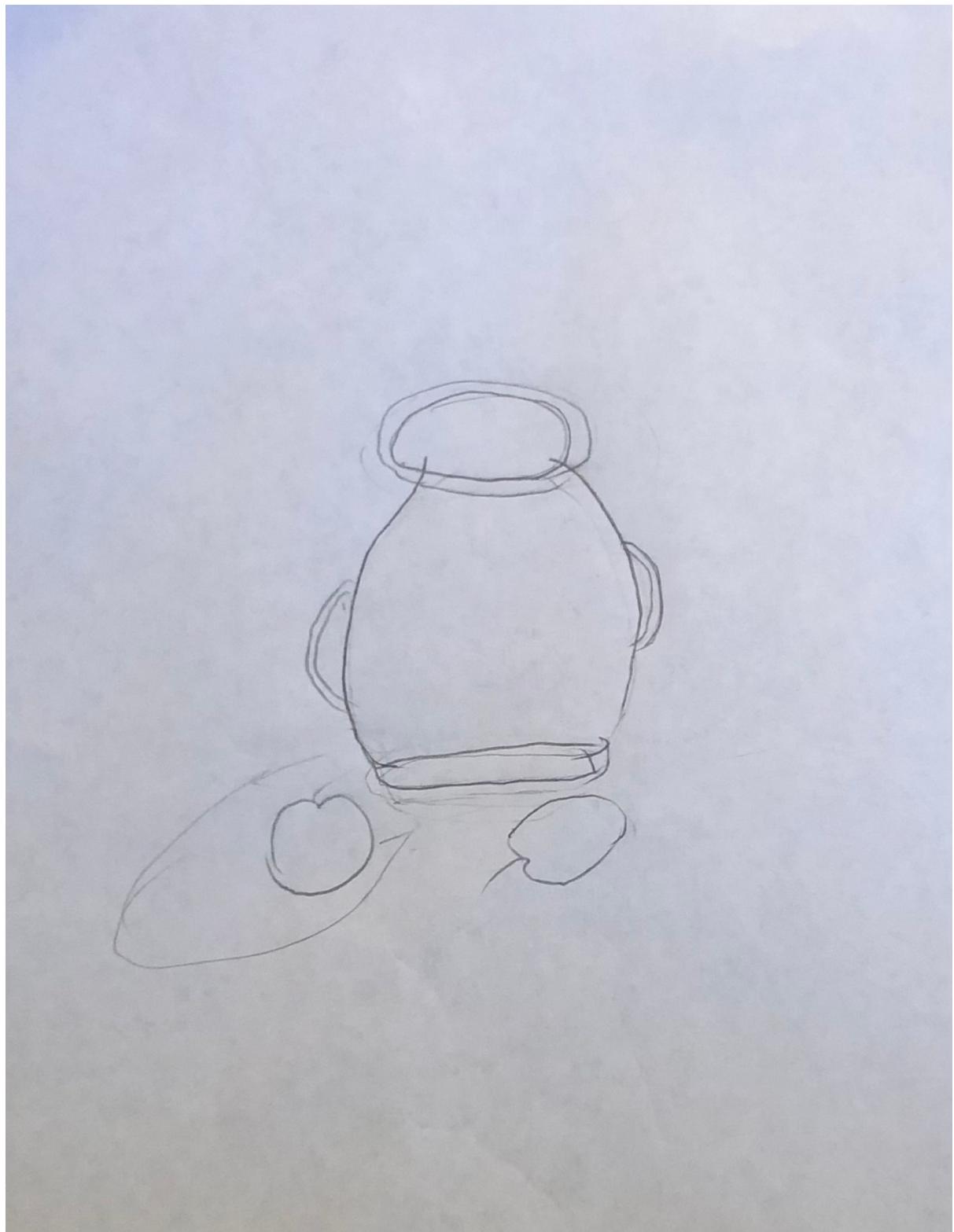
1. First Participant Images of Creative Artifacts





2 Second Participant Images of Creative Artifact





Findings From Observations

1) Users Enjoy Drawing from Memory

It seems that the users could not remember all the details. However, it is interesting to know that both the participants liked the drawing from memory activity a lot. One of the participants said that drawing without a reference is more fun than drawing from a reference. They were very relaxed, therefore, the rate at which they used the eraser was a lot lower in this format.

2) Users Remember Different Parts of The Image

The second participant did not remember the count of each object in the reference picture. He was confused if there was one or two pots. Moreover, he got the count of apples wrong as well. There were two apples, and one pot in the reference picture. On the other hand, first user remembered the counts of each object in the reference picture but did not remember the color.