Meeting Minute - Date: 02/08/2022 - 4:00 pm
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Google Meet - Team Meeting: Irina, Minh, Dr. Jodi (Isaac absent without excuse. Mart informed in Slack)

1. Understand what Dr. Jodi wants in the Art Create program:

Minh's Note:

Based on the MAGNet article.

Use different search terms to pull together and put all those works of art into their own work of art. Highlighted the first search term that the person used to pull all of these artworks together. Creativity stems from how you create these art works. Help to navigate the collection. Help to discern certain things you want to draw out for the visitors. Collection not very sophisticated in the search function. That is where the projects kind of intersect. Good idea to make a summary to send to all the ground to get everyone on the same page to see where borrowing certain ideas would be a good place.

Partner vision: Borrow from the other team the tools and categorization of the artworks to base the algorithm on. Gund gallery collection: many of the works are large scale and have linear qualities. User interface would be a great idea. Allow a viewer to dive deeper into an aspect work of art and connect it to a different work of art from a composite image that invokes a conversation

Develop a program that allows users to search for artworks with very specific categorization terms and create a composite image out of the search image and the user can click on different aspects of the composite image and it takes the viewer back to the original piece that the aspects originated from.

Overarching goal: A new dialogic and expansive way for the users to interact with the database.

Mart Comments:

- I'm thinking we can do multiple forms of combining art. (Both would fit Dr. Jodi's description)
    - Morphing two works together, whether that is by merging colors per pixel or any other way.
    - Using machine learning to pick out distinct features, techniques, colors etc. and then use similar machine learning to make a new work from this.

- The functions I think we would need for this is rescaling (for morphing), machine learning functions
- I think it would be a good idea to base the program on just two random pictures, that way we can expand the program to allow users to mix and match as they like (with obviously a focus on the ability to do works from the Gund gallery but we don't have to limit it to that).

Irina's notes:

The project is based on the Article 2017. Using the database of the Gund Gallery to generate a a composite image from the art works. The user will be able to click on the individual parts (artworks) of this composite image and learn in more detail about this artwork. So, there are two main parts to the projects: classification of the database based on basic, broad terms (the searching engine); and generation of the composite image.

The greater goal of this project is to allow the user to dig into the work of art (materials, etc.), to show the connection between different works of art, and create a new, dialogic way for the user to interact with the database.