Recontextualized Diagrams including Art and Artist

Part 1: Recontextualized Diagrams

For this assignment, we were asked to look at 3 of our previous diagrams and use all 13 system concepts to explain the diagrams.

5. This system has no more decomposablilty since the steps are already simple and cannot be broken down any further.

Can

| Enumerate possible causes | Use processes of elimination | Refine remaining hypotheses | Prove remaining hypotheses | Fix the error |

None Left

Cannot

6 +7. This system has homeostasis and feedback since it's goal is to fix an error and it loops back to the beginning if you are unable to.

8 + 9 +10. This system does has interface, adaptablity, and slight chaotic behavior since it has places for imput and output on both ends and also has different paths for situations. It doesn't have a ton of outcomes, but it can have outcomes change due to the other steps.

Collect more data

1. This diagram uses information from outside of the system to help it function. You need to use data that isn't provided in the system's diagram to solve the error.

11+12+13. It seems that this system may not have emergent behavior, self-organization, or modularity.

2 + 3. The system is most likely one of synergy and interdependence because it cannot work out without all it's parts. You can't fix the error without using the process of elimintion and the steps can affect what happens..

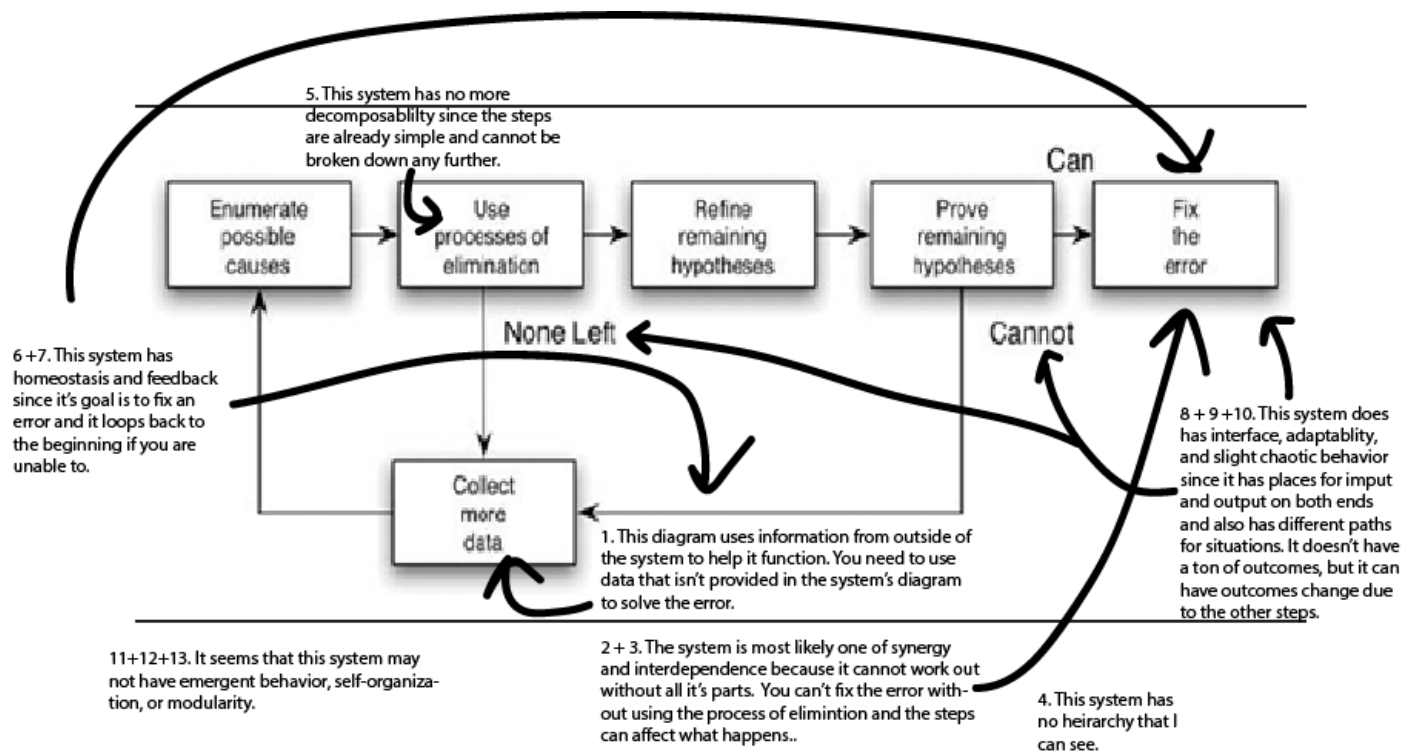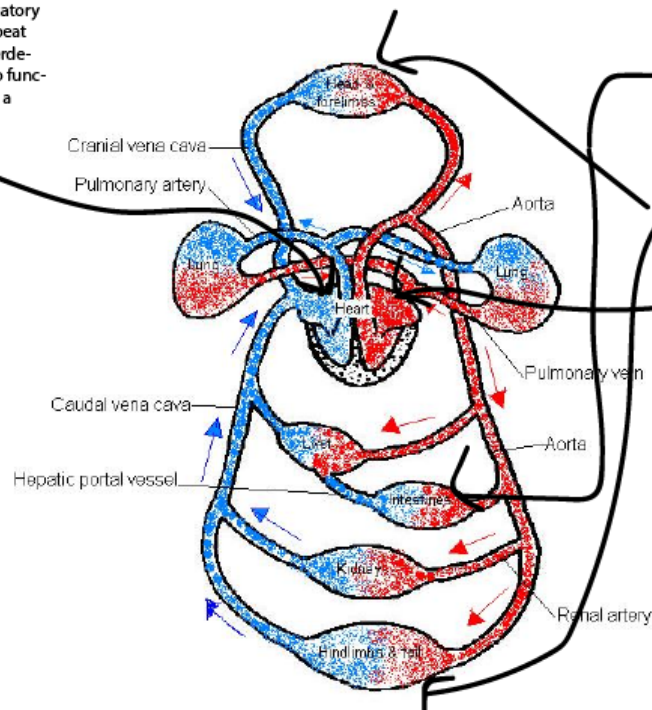4. This system has no heirarchy that I can see.

Diagram 1

The first diagram I chose to talk about was the second diagram from my previous assignment. This diagram was the one that had to show a process of something. In this case, this is the process of fixing an error.

1+2+3. This system can be open since the enviornment of a living creature can affect the circulatory system (like running can cause the heart to beat faster). This system also has synergy and interdependance since it must rely on all it's parts to function properly and the system is important as a whole.

11. Emergent behavior can happen in this system.

12. I think that self-organization does happen in this system since the body does things on its own without needing to tell it to.

13. There's no modularity in this system since it's difficult to replace a heart with something else.

4+5+6. The system does have a hierarchy since several parts of the body have their own systems to describe the way they work, but overall they must all work together to function. As for decomposability, it can be broken down further into sub-system so I don't think it has any. For homeostasis, the body's goal is survival and it changes according to the environment in order to be able to adapt to the conditions it's placed in.
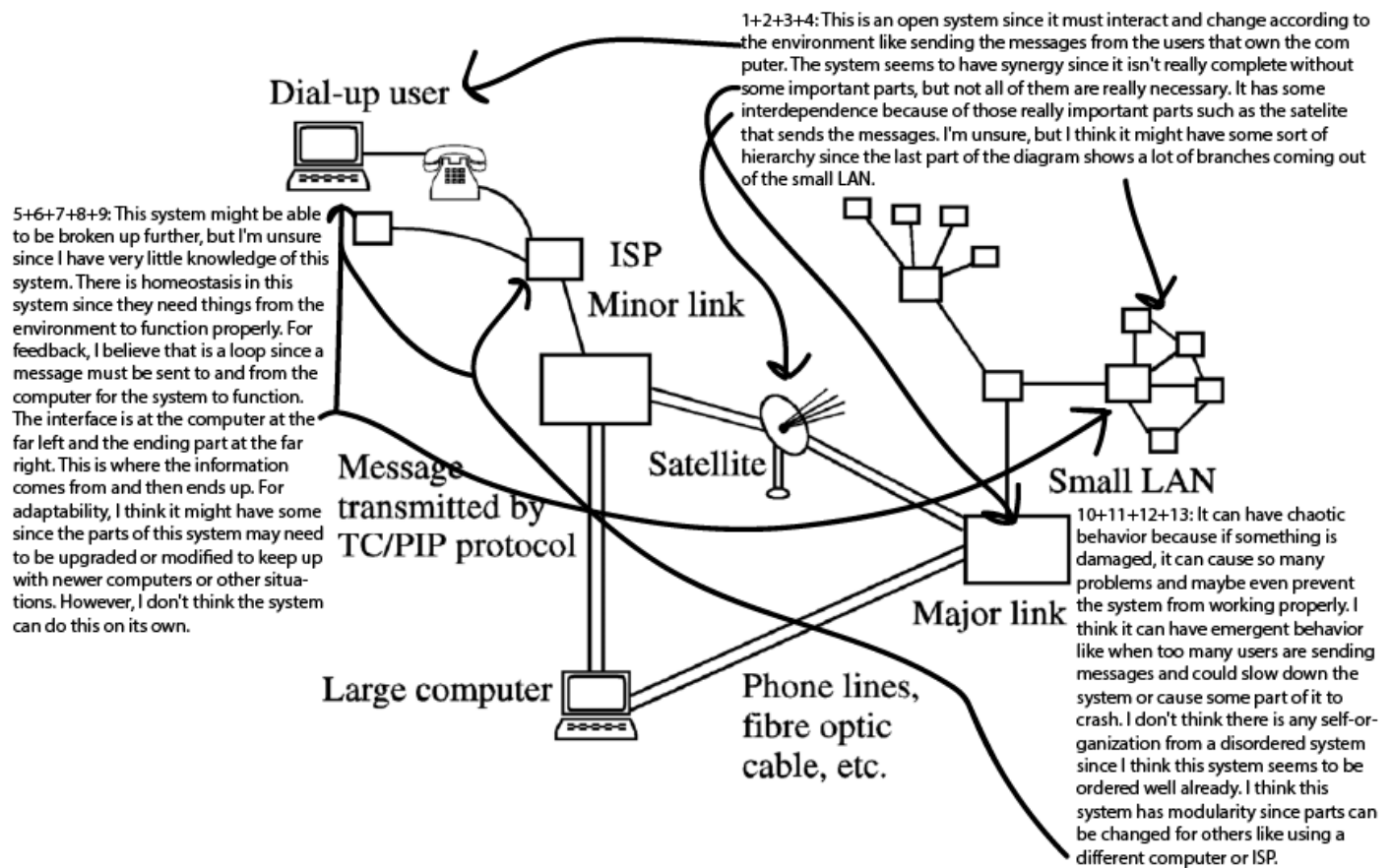
7. The system does have feedback since it helps blood find it's way throughout the body and back

8 +9. The system has an interface and adaptability. This is mainly because of the outside of the body, whatever happens out there can affect the inside of the body where this system is located (example of heartrate from 1-3). Changes do occur to help the body survive.

10. There is chaotic behavior in the system if something is damaged and this causes a lot of problems to the system. It can eventually lead to sub-systems shutting down and death if nothing is done.

Cranial vena cava

Pulmonary artery

Head forelimbs

Aorta

Lung

Lung

Heart

Pulmonary vein

Caudal vena cava

Liver

Aorta

Hepatic portal vessel

intestine

Kidneys

Renal artery

Hind limbs & tail

Diagram 2

The second diagram I chose to explain was the third diagram from my previous assignment. This diagram was the one that had to be something considered living. In this case, this is blood circulation. It is something that living things have.

1+2+3+4: This is an open system since it must interact and change according to the environment like sending the messages from the users that own the com puter. The system seems to have synergy since it isn't really complete without some important parts, but not all of them are really necessary. It has some interdependence because of those really important parts such as the satelite that sends the messages. I'm unsure, but I think it might have some sort of hierarchy since the last part of the diagram shows a lot of branches coming out of the small LAN.

5+6+7+8+9: This system might be able to be broken up further, but I'm unsure since I have very little knowledge of this system. There is homeostasis in this system since they need things from the environment to function properly. For feedback, I believe that is a loop since a message must be sent to and from the computer for the system to function. The interface is at the computer at the far left and the ending part at the far right. This is where the information comes from and then ends up. For adaptability, I think it might have some since the parts of this system may need to be upgraded or modified to keep up with newer computers or other situations. However, I don't think the system can do this on its own.

10+11+12+13: It can have chaotic behavior because if something is damaged, it can cause so many problems and maybe even prevent the system from working properly. I think it can have emergent behavior like when too many users are sending messages and could slow down the system or cause some part of it to crash. I don't think there is any self-organization from a disordered system since I think this system seems to be ordered well already. I think this system has modularity since parts can be changed for others like using a different computer or ISP.

Dial-up user

ISP
Minor link

Satellite

Small LAN

Message transmitted by TC/PIP protocol

Large computer

Phone lines, fibre optic cable, etc.

Major link

Diagram 1

The third diagram I decided to use was the fifth diagram from my previous assignment. For that diagram, we were asked to find said that it must be a system based on modularity. This is a diagram I found about modularity and networking. I felt that this fit the description since it is showing something that can be separated and recombined.

Part 2: Art and Artist

For this assignment, we were asked to chose an artist we admire and one of their pieces. Then we were asked to make diagrams to explain the artpiece and the artist's artisic process.
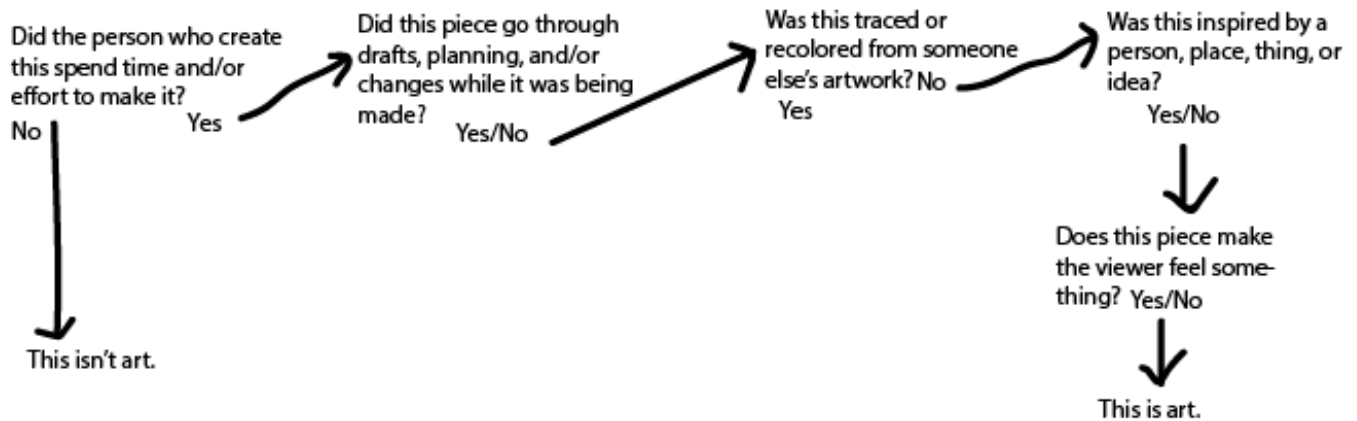
Is this art?

Did the person who create this spend time and/or effort to make it?

No   Yes

Did this piece go through drafts, planning, and/or changes while it was being made?   Yes/No

Was this traced or recolored from someone else's artwork? No   Yes

Was this inspired by a person, place, thing, or idea?   Yes/No

Does this piece make the viewer feel something? Yes/No

This isn't art.

This is art.

Diagram 1

Ross Tran, also known as RossDraws, is a digital artist that makes drawings of famous characters using Photoshop. I first found out about him (around year or two ago) through a Youtube video recommendation about his Sombra drawing. I thought it looked really cool in the thumbnail and decided to watch the video. I ended up liking his art after that. For this diagram, I answered the question of if his piece was really art using simple questions of what I think art is and isn't. I think this isn't a great system to figure out what art is since it depends on the person looking at it, but I would consider this drawing art since he put time and effort into it, went through a few changes, wasn't traced or recolored of someone else's work, was inspired by a video game character, and makes the viewer (in this case, me) feel something (happy).

View Ross's Sombra Drawing

View Ross's Sombra Video

Artistic Process

Idea for piece → Make a sketch → Choose a color palatte → Begin coloring sketch → Clean it up → Add finishing touches → Art
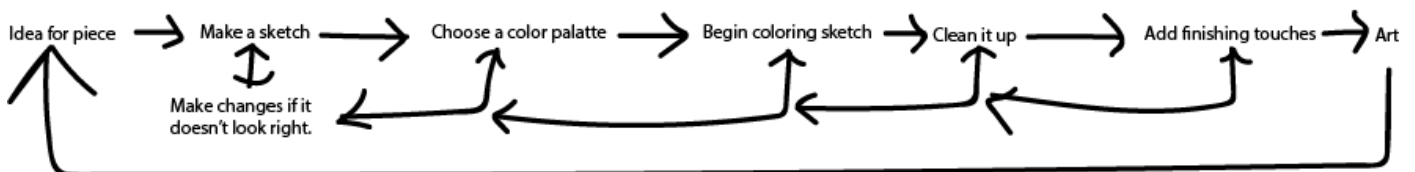
Make changes if it doesn't look right.

Diagram 2

I don't know all the details of Ross's process, but I can tell from his videos that he has many things already thought out before he begins drawing. He normally already has the sketch done in Photoshop when he begins his videos and he always knows what colors he is going to use. This makes me believe that these are steps he takes before starting the video. The videos always follow the pattern of him explaining what he'll draw, a short sped up clip of him working on the drawing, the color dodge event, and the finished piece. I made a diagram that has these steps in the order I think they would normally happen if he weren't making a video, but simplified the steps as well so that the diagram could possibly be appled to other artists.

Photo of Ross

Visit Ross's Website