2a.

The computational innovation I did is on the samsung galaxy s7 edge. The purpose and computing innovation of this device is unique because it comes with a qualcomm snapdragon 820 processor that could receive other network data like 3g and display and processing speed is impressive. The phone comes with a display that can shut off individual pixels depending on the images display and the processing speed is able to withstand multiple background apps. My computational artifact explains the computing innovation through the capacity of its processor, adaptive display, and its useful features like heart rate sensor.

2b.

My development process in creating my artifact is to know which program I am going to use to display my artifact. I came to conclude that I am going to use google draw to display my artifact. Google will help me find the right images for my artifact and to also show the computing innovation of my artifact. I choose carefully on what I will show on the artifact that best fits for the computing innovation and also make the words clearly seen. By doing this, the reader will understand and easily read the information of the computing innovation.

2c.

One beneficial effect is that the galaxy s7 edge has an adaptive display and can change its brightness depending on how much light the proximity sensor picks up. This is useful because you will be able to see the screen while outside when the sun is bright. Another benefit is that the galaxy s7 edge with its snapdragon 820 processor, the phone can receive other cellular network data. This is beneficial because it can provide mobile service providers to easily implement their service. Another beneficial effect is that you can measure your blood oxygen level from the heart rate sensor the phone has and it is beneficial as it can provide your blood oxygen level or to measure your heart beats. One harmful effect is that the amazing adaptive display because of its sensor will not work well in dark area.The reason why it is harmful is because the display would still bright even though the phone is in a dark area.

2d.

The data the innovation uses is its processor, the snapdragon 820. The way the innovation consumes is through its processor and its sensors. The processor is the main part of the innovation because it controls the user's data and other parts of the phone. The processor takes care of what the user wants based on the user's demands and displays it with outstanding speed. The speed of the processor makes data to be transfer smoothly without interruptions A data storage concern is that the phone only comes in 32gb and that it is all you have. Even if you implement an sd card you still can't expand the internal memory because of the software. For someone who is a heavy user for example playing lots of games or downloading big games you are only limited to 32 gb. Actually you don't get 32gb because of other preinstalled items in the phone thus reducing your storage. This means you are limited to downloading several games probably below 10. Also keep this in mind, some games are about 4 gigabytes in size and will take up your storage very quickly. You can not download many games because you are restricted to only 32 gigabytes.

2e.

These are the online sources I used on creating the computational artifact.

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    - **Kelly, Gordon. "Galaxy S7 Has Two Storage Concerns." *Forbes*, Forbes Magazine, 14 Feb. 2019, 8:30pm, www.forbes.com/sites/gordonkelly/2016/02/22/samsung-galaxy-s7-problems/#7a95ba48292c.**
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