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## Practice Explore Task: Snapchat

**2a. Provide information on your computing innovation and computational artifact. Name the computing innovation that is represented by your computational artifact. Describe the computing innovation intended purpose and function. Describe how your computational artifact illustrates, represents or explains the computing innovation intended purpose, its function or its effect.**

My artifact includes photos that represent the app snapchat. Snapchat was created for communicating to others through text, call, and video. The app has over 1 million daily users and it helps friends and families connect in new and interesting ways. There are no other apps like snapchat. It has a unique feature that when messages are sent, and they are not saved, the message will disappear. The main purpose of snapchat is to allow users to express themselves. They want people to enjoy themselves when using the app and engage with others and be able to express their opinions and creativity. My artifact's photos summarize Snapchat as an innovation. My artifact includes some of the features of the app and summarize why people find the app so enjoyable. It includes a picture of emojis because people are allowed to use emojis within the app and can even change the size of the emojis. It also includes a picture of the snapchat logo with dog ears on it and this covers their "filters". The filters allow people to put things like animals or makeup on their face in the camera. They can also contort their face with the filters

provided by snapchat. It also includes how diverse the app is, allowing people to access their camera roll, previous posts, and a special feature called memories. People are allowed to save videos and photos in their memories to be viewed again later on. Furthermore, my artifact represents how helpful and diverse snapchat really is.

**2b. Describe your development process, explicitly identifying the computing tools and techniques you used to create your artifact. Your description must be detailed enough so that a person unfamiliar with those tools and techniques will understand your process.**

To create my artifact I used google drawings. I found photos that help summarize and highlight some of snapchat's key features on a google search. I rearranged the photos in a fashion that made my artifact visually appealing by dragging them to the places I wanted them. I also scaled some photos bigger than others by holding the shift button while dragging a corner in and out. I made sure that they were spaced out correctly so the photos weren't contorted. Once I was done with my artifact I saved it as a pdf into my projects folder for you to grade by going to file and selecting download as.

**2c. Explain at least one beneficial effect and at least one harmful effect the computing innovation has had, or has the potential to have, on society, economy, or culture.**

**(Approximately 250 words)**

An app this big used by so many people must have benefits, but as well as harmful effects. A really beneficial effect of snapchat is the ability to communicate with friends and family all across the world in record time. People can send photos, and videos of things they may be doing

to keep their friends and family up to date with their life. It allows so many forms of communication and allows people to choose how they want to communicate with others. Not only do can people talk to each other, but there are also news stories and updates from all around the world to keep people up to date. There are news updates from espn, and other cool channels as well. Even though the app is very helpful, there are some downsides. A harmful effect that snapchat has is that it seems to be stunting teenagers intellectual abilities and is hurting their mental health. Snapchat is the number one social media platform for high schoolers and college students and this is creating a big distraction from homework, chores and other important tasks. The app includes a special feature that allows people to get something called a streak. A streak is when two people snapchat each other at least once a day and the more consecutive days they snap each other the bigger streak they get. Many people make it their goal to get as high of a streak as possible which ensures that people stay on snapchat daily. Even though the app presents great helpful technologies, it is also very distracting and harmful at the same time so use with caution.

**2d . Using specific details, describe: The data your innovation uses. How the innovation consumes (as input), produces (as output), and/or transforms data. At least one data storage concern, data privacy concern, or data security concern directly related to the computing innovation. (Approximately 250 words)**

Something that is concerning about the app is Cached up data which is data that builds up over time and is stored on your phone. The snapchat memories requires a ton of this Cached up data,

so the more memories you have, the more data your snapchat requires. Another issue is that if a persons phone is not connected to wifi, snapchat requires cellular data to work. This is because people are talking to each other back and forth so cellular is needed to send the messages. But the problem is that snapchat uses a huge amount of cellular data. The reason that so much cellular data is used is because the app loads in the snapchats as soon as they are sent and when each snap is sent that uses cellular to send it and receive it. The reason the creators have done this is to let people know when they have received a new message. I know that it uses a lot of data myself because everyday snapchat always uses the most cellular data out of all my other apps by a long shot even if I haven't used that app that much. The only way to stop this is only using the app when connected to wifi or turn it off in cellular. Snapchat also has some problems with privacy. Their is a feature that allows people to view others location at all times. This function is called snap maps and when you use two fingers and zoom out on when on the camera it pulls up snap maps and tracks people using their snapchat. This has raised many concerns about privacy. Snapchat raises some concerns to others.

## **Sources:**

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