2a) The innovation that I have chosen to represent in my artifact is the Google Glass. The purpose of this innovation is to make accessing your “phone” much easier and to bring about the popularity of wearable technology rather than smartphones. The Glass can do pretty much anything your phone can. It can take photo and video, make phone calls, access the internet, install apps, take voice commands, etc. My artifact represents and explains how this device works by pointing out its key points of function, explaining how the HUD works, and giving an example of how it would look to wear one of these devices.

2b) The development process for the artifact started with a sketch to identify the basic look that it would have, and to have something to reference while constructing it. The first part of the artifact that I constructed was the graphs. Using data found on the internet, I put them into Infogram.com, an efficient tool for creating graphs. After that, I created the main picture in Adobe Illustrator from scratch using various shapes and pictures. Once this was done, I added the graphs to the image and the artifact was complete.

2c) One beneficial effect that the Glass may have on society is its ability to make accessing your information much easier and less distracting. We often hear about people walking into dangerous situations because they were looking down at their phone. Walking into traffic, Falling into holes, etc. This would be a thing of the past if the Glass were to be widely used. The device does not require you to look down at your phone, but allows you to look straight ahead while accessing information. One harmful effect that the Glass could have on society, however, is that of social interaction. If the Glass became popular, it could further damage social interaction.

2d) The Glass would work mostly with two types of data, visual representation and user input such as voice commands or touchpad movements. The Glass can also take audio and video, so those files would also be included. The heads up display accounts for the visual representation data, using RGB values to show you all the data you need including pictures, video, apps, internet access, etc. User input can be entered via voice commands or the touchpad, which you can use to gain access to the internet, apps, etc. Audio and video files are also stored when the Glass is told to. As for data storage, privacy and security concerns, the glass would have the same problems as a smart phone would. Stored data can be hacked if not properly protected, no matter what platform. The glass could also raise privacy concerns due to the fact that someone could easily take a picture without anyone knowing, where as it would be obvious if you were using a regular phone.

2e) 1) http://www.adobe.com/products/illustrator.html

2) https://infogram.com/

3)https://www.scmagazineuk.com/google-glass-launch-raises-questions-on-wearable-security/article/541019/, Doug Drinkwater, “Google Glass launch raises questions on wearable security,” source: SC Media UK, date viewed: 12/4/17, posted: 6/24/14

4) https://gizmodo.com/5994132/heres-how-google-glass-actually-works, Leslie Horn, “Here’s how Google Glass actually works,” source: Gizmodo, date viewed: 12/4/17, posted: 4/9/13