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2a.

The computing innovation is TeenSafe, or more generally, phone monitoring apps. These apps allow parents to monitor their child's cell phone activity, anything from deleted texts to web browser history (3). Some monitoring apps have some extra features: location tracking, monitoring specific apps like SnapChat or Instagram, even screen-casting a child's phone screen. These apps are becoming more and more popular, and are shaping a lot of family's.

2b.

For my computational artifact, I created a PowerPoint slide which briefly lists some of the prominent features of TeenSafe. I found some images and used the Snipping Tool app to cut out some pictures. I inserted the pictures into the PowerPoint and added some text to briefly explain each. This was probably the most quick and efficient way of showing off the basic features of this app.

2c.

More and more phone monitoring apps have been developed and released, and many people believe these apps are very beneficial. However, many people have also recognized the harmful effects of these apps.

With these apps, parents can monitor their children's phones to make sure they are not getting into any trouble or doing anything inappropriate on them (2). These apps allow parents to see their children's text messages, saved or deleted, phone calls, web browser history, installed apps, and phone location, which most likely is also the son or daughter's location (3). Some of these monitoring apps also have a screen capture feature so parents can view what their child is looking at. These apps can also help parents watch out for their kids if their being cyberbullied or "sexting" (1). Phone monitoring apps a good way for parent's to see what their son or daughter is doing on their phone and to make sure they are not doing anything wrong on the vast realm of the Internet.

However, these apps are also great at destroying the relationship between a teen and their parent (5). Some parents go onto their kid's phone and install the app, unbeknownst to their kid. If the kid discovers the app on their phone, or their parents ask them about something they should have no knowledge of, the kid can begin thinking their parent does not trust them at all (1). This causes a great separation between a kid and their parents (3).

2d.

The data used by the innovation are calls, texts (saved or deleted), location data (previous and current), installed apps, and other data from other social media apps (4). The app is installed on the child's phone. Data is sent from the child's phone to the parent's TeenSafe account which is either on a phone or a computer (4). This data consists of all the things mentioned at the beginning of this paragraph. TeenSafe has stated that they do not view the data, but this does still mean that if they wanted to, they could, it would just violate their privacy policy (4).

The innovation does have one major security concern. If someone were to hack the account, they could use the location monitoring feature to find out where someone's child is at that very moment (2). The possible outcomes of anyone having that knowledge are incredibly scary, kidnapping, rape, murder, all just awful scenarios to worry about. It should make users wonder if knowing what your kid is texting about is worth risking their safety.

2e.

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2. [Http://www.abc.net.au/news/conor-duffy/3941608](http://www.abc.net.au/news/conor-duffy/3941608). "Police Caution against New Teensafe Spying App for Parents." *ABC News*. N.p., 13 Apr. 2015. Web. 18 Oct. 2016. <http://www.abc.net.au/news/2015-04-13/police-caution-against-new-teensafe-spying-app-for-parents/6389660>
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4. "TeenSafe and PTA, Together Helping Families Stay Safe and Connected." *Teensafe*. N.p., n.d. Web. 20 Oct. 2016. <http://www.teensafe.com/#slide2>
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