Tennis is a sport that started a long time ago in Europe. It is a racquet sport that can be played with two or four people. Playing the sport with two people is called singles and playing the sport with four people is called doubles. In competition a man would not play a woman but in doubles a male and a female can play that same combination where it is called mixed doubles. The way the sport is scored is not the typical scoring system. 0 in the game is called love, one is 15, two is 30, and four is 40. When both players have 40 it is called deuce. To win the game the player must win two points in a row to successfully win the game. With every point won it is that players advantage and if the player with the advantage loses that point it is back to deuce. Typically to win the set a player must win six games. If both players have five games the set it played until seven with a tiebreaker up to seven points won by two for the set. To win the entire match a player must win two out of three or three out of five sets.

Ever since I was a young boy I have always been interested in the game of Tennis. I was intrigued by the sport and I constantly wanted to learn and play it. I started by playing with my grandma in Florida and that started my love for the game. Since then I trained back in my hometown four to five days a week constantly wanting to improve. I joined the United States Tennis Association (USTA) so I could participate in tournaments all over the country. I love the competition in the game. I only played singles in tournaments so each time I stepped onto the court the whole match was riding on me. There was no one to pass the ball to and nobody to tag me out, just me and my opponent on the court. Being on the court by
oneself shows a true competitors fight. I had to play every big moment and either come out on top or fall short.

A technology that has revolutionized the game of Tennis is the Babolat AeroPro Drive Play. This type of technology that was created by Babolat, places a sensor in the handle of your racquet to record everything about your swing. The sensor has a matching app that syncs everything to it using bluetooth technology. Before use a button on the sensor must be pressed so the device can begin tracking your swing (Kiss). The app gives many statistics about your training session. The statistics include where on the racquet the ball was hit, how many shots were hit, the number of backhands vs forehands, and so much more. At the end of the statistics it even combines all the statistics to give you an overall “pulse” rating from 0-100% (Kiss). The rating combines your technique, power and endurance for a final overall rating.

This type of technology gives players a chance to see live feedback about their games. It gives real time data and statistics for players to improve the aspects of their game that they have been struggling to change. The positives to this type of technology is endless. The data it is able to give a player is very beneficial to their training. While it does not make hiring a pro obsolete, it can give a player knowledge when they are training by themselves. One of the most frustrating things as a player is having the same negative outcome in ones game and not knowing why. This makes a person feel more accomplished while training alone. The one con about this technology is it is not as advanced as the game needs it to be. It has trouble differentiating a volley (a ball hit out of the air) and a regular stroke (Kiss). With that flaw the data can become skewed.

This technology has already changed the game for the better and it will continue to help the game. It gives new players a way to track their success and established players a way to continue their success. I believe that this is only the beginning of this technology. The information that is provided after a training session can only become more accurate and more beneficial to the user. With time it will be able to differentiate a volley and a stroke. The technology can be very accurate in determining your power and spin control with the ball, but in time this sensor can only improve and helping players with their game for generations.
In the season three premiere of Black Mirror titled “Nosedive”, it follows a young woman named Lacie Pound and how she deals with living in a world of social currency. Black Mirror deals with modern society and the consequences that technology can have on everyone. The episodes are non continuous, each dealing with a different consequence that technology can bring on society. In this particular episode Lacie Pound has a current rating of 4.2 and is trying to reach 4.5 so she is able to live in a more luxurious apartments. Lacie desperately wants her rating to increase and she will do almost anything to get it. Later in the episode she posts a picture so her old friend (Naomi, who is a 4.8 rating) will give her five stars and hopefully notice her. The plan works and Naomi calls her inviting her to be the maid of honor at her wedding and delivering a speech. She sees this as a perfect way to boost her rating by impressing the 4.8s and above in the world. On the way to the wedding, through a series of unfortunate events, she dropped below a 4.2 and can no longer board her plane because of the low rating. After she causes a scene at the airport the security was called and they dropped her rating by a full point for a 24 hour period. Her rating continues to drop and because of this she keeps receiving less and less perks on the way to attend the wedding. Naomi finds out about her rating and un-invites her to the wedding. More unfortunate events lead to Lacie crashing the wedding and ultimately getting arrested. The sensor in her eyes to use the social currency is taken out and she realizes what it is like to be able to speak her mind without the downfall of a bad rating.

While this technology is not currently available there are versions of this being developed in parts of the world. The technology in the episode is very sophisticated and I do not believe that we have reached something like this. In todays world we have apps and websites that we do use to rate people on their looks. We have apps like Tinder, Hot or Not and others that you can swipe right or left on a person determining whether you would like to talk to them. These apps are the closest thing that we currently have to rating system / social currency that was depicted in this episode. Unlike the TV show these apps do not effect our socioeconomic status in any way like it does in the show. In the show their ratings affected where the people live and what type of job they have.
Currently in China they are developing a social credit system that should be in place by 2020. This credit system is not far off and it will be very close to the one depicted in the show. Their mission is to “raise the awareness of integrity and the level of trustworthiness of Chinese society” (Zeng). They want to hold their billions of people accountable for the way they act in social settings. This social credit system was first proposed in 2007 and it has gradually progressed. In China actions that can harm one’s personal social credit includes, “not showing up to a restaurant without having cancelled the reservation, cheating in online games, leaving false product reviews, and jaywalking.” (Zeng). Based on if the person has a high or low social credit score they can reap rewards or punishments like in the show. In China depending on the good deed you can gain points to your social credit. When a person has a good credit score they can receive perks like free gym facilities, cheaper public transport, and shorter wait times in hospitals (Zeng). On the other hand those that do not have high credit score face restrictions on travel and public service access.

I believe this technology is not solving problems. People should be held accountable for their actions in daily life but it has been taken to a new level. In China the blacklisted people are shamed on lists online and in some cities their pictures are displayed for all to see. I believe that everyone makes mistakes in life and should not be held accountable for life for their past actions. These people are being exposed and punished without due process. Basing someones whole social credit a lot on what random people on the street think about someone is absurd and not humane. In early 2017, a journalist named Liu Hu was blacklisted and dreamed “untrustworthy” and was banned from buying plane tickets (Zeng). Coincidentally he was criticizing government officials and was accused of spreading rumors. This type of action should not be allowed to be taken place because he is not allowed free speech. The same type of problem happened in the show when Lacie found out her flight was cancelled. Lacie got to the airport and found out her flight was cancelled, obviously upset she caused a scene trying to book another flight. When she was not a 4.2 rating she was not able to get a seat on the next outgoing flight. She had an outburst and they docked her down a full point, not allowing her to board the flight. Since her rating was so low for having a human reaction, she was “blacklisted” from being allowed to board.

This type of technology causes people to always play by the rules and not allow people to have human reactions when bad things happen. We are all human and should be allowed to react poorly on occa-
sion when things do not go our way. This technology is not ethical in my opinion. It takes the human our of being a human with this technology. Everyone should be allowed to be different, act different and have their own opinions. This type of technology would turn us all into robots who praise each other and react in unconventional ways.

As time progresses this type of system will progress. China will have it fully fledged in 2020 and other countries will not be far behind. Unfortunately this is the way the world is going I believe. It will evolve into something very similar in the TV show. Being rated on a scale how you interact with the man who made your coffee at Starbucks or the guy you accidentally bumped into on the way to class. The rest of the world will have to watch and react to how China goes about this and hopefully it can be perfected so it is constitutional.

Work Cited
