

## Social Studies 2019

2a) One way Singapore can benefit from this development as a “Smart Nation” is that it creates a safer living environment for citizens. Through the MyResponder Application, it allows citizens to call for help with a touch of a button and all these can be set up easily through SingPass with uses MyInfo to obtain all your necessary details. This feature has allowed citizens to help one another when in need, and thus it saves lives and creates a safer living environment for citizens as they can obtain immediate medical attention quickly through the application, therefore increasing chances of survival during a medical emergency, and thus creating a safer living environment.

Another way Singapore can benefit from this development as a “Smart Nation” is that it has created greater convenience for citizens. Through the MyTransport.Sg application, it allows citizens to track bus arrival times and the capacity of the bus. This way, they can plan their journey route accordingly and travel with ease. Since they are able to plan their journey accordingly, they can also estimate their journey time, as MyTransport.Sg also provides real time traffic updates on the major expressways. This allows citizens to have a more convenient life since they don’t have to be waiting for a prolonged period of time for a particular bus to arrive, and they can do more productive stuff rather than waiting for the bus. Thus, creating greater convenience for citizens.

2b) Individuals actions have an important role to play through good practices while using the internet, be ensuring their own cybersecurity. For example, they can set strong passwords which consists of alpha-numerical passwords (with upper- and lower-case letters and symbols), and change them regularly. They can also install anti viruses to protect their computer from infected with common viruses. This reduces the chances of them becoming victims of cybercrimes and through the adherence of good practices on the internet, it manages the challenges and addresses cyber security threats.

Global solutions have an important role to play through cooperation between large companies, organizations to prevent or minimize the damage caused by large scale cyber attacks. For example, the WannaCry Ransomware attack in 2017 led to millions of dollars lost, and many companies were affected. However, Microsoft immediately released a security patch to patch this vulnerability and this reduced the damage caused by the attack before it could cause any further damage. As such, global solutions are able to address cyber security threats through cooperating with one another to tackle cyber attacks.

In my opinion, I feel that Individuals have a more important role to play than global solutions in addressing cybersecurity threats. This is because many cases of cyber attacks involve individuals who didn’t adhere to good practices and therefore this allowed viruses to spread to other computers easily. If individuals adhere to good practices, the chance of cyber attacks on a wide scale is low, and there wouldn’t be the need for global solutions when there isn’t a cyberattack globally. Therefore I feel that individuals have a more important role to play than global solutions in addressing cybersecurity threats.