Assignment 4 (Essay/or Report) : 30%

The outbreak of a new virus strain named Covid-19 has affected all wakes of our life. As of September 2020, there are close to 30million people contracted the virus while almost 1 million death toll has been recorded worldwide.

Many digital technologies, from contact tracing app, CCTV & facial recognition, and to credit card/transport card history tracking and many more, have been developed to detect and contain this deathly virus to mitigate the impact on public health, economic loss, and human wellbeing. However, many concerned citizens have raised a serious privacy concern that is related to intrusions on personal privacy.

In this assignment, you are asked to write an essay/or a report that investigates one of the digital technologies with a privacy concern as main focus.

**Due: Monday, 3 October, 2020, 23:55.**  
**Strictly no Extension**(unless an evidence presented that you were affected by covid-19)  
**Strictly no Plagiarism**(all submissions will be checked against our plagiarism checking tool TurnItIn. Plagiarised essay/report will result in the "Fail Grade" automatically)

You are expected to read many published articles, such as using google scholar, to collect data for your essay from a broad collection of previous works. Note that blog posts and news articles are not considered as a reliable source but you can use them to build your understanding in the area.

Your essay/report should contain the minimum of 3,000 words and may contain all or parts of the following contents; Abstract, Introduction, Methodology (e.g., your choice of digital technologies and/or search strategies for the papers used in your research), Privacy concerns, Mitigation strategies (currently available or proposed & their limitations), and Conclusion & future direction.

you need to critically review about more than 20 (at least 20) high-quality (in high quality journals) publications.

Your essay/report should strictly follow the form of academic writing with proper referencing – my preferences are IEEE, LNCS or APA (but you can choose your own style if you prefer).

Following are the resources that are available for you to get started.

* [[](https://stream.massey.ac.nz/mod/resource/view.php?id=3248077)1. The overview of different digital technologies that have been used in response to Covid-19File](https://stream.massey.ac.nz/mod/resource/view.php?id=3248077)
* [[](https://stream.massey.ac.nz/mod/resource/view.php?id=3248078)2. A sample manuscript that you can follow for the overall structure and the style of writing & contentFile](https://stream.massey.ac.nz/mod/resource/view.php?id=3248078)
* [[](https://stream.massey.ac.nz/mod/resource/view.php?id=3295693)3. A survey of Covid-19 contact tracing apps in another formatFile](https://stream.massey.ac.nz/mod/resource/view.php?id=3295693)
* [[](https://stream.massey.ac.nz/mod/url/view.php?id=3295696)4. Massey guidelines on academic writingURL](https://stream.massey.ac.nz/mod/url/view.php?id=3295696)
* [[](https://stream.massey.ac.nz/mod/resource/view.php?id=3295698)5. Marking guidesFile](https://stream.massey.ac.nz/mod/resource/view.php?id=3295698)