**Week 2 Task 2**

**Question 1:**

Difference between IEEE and ACS ethics:

1. ACS code of ethics is just some basic rules which are recommended to follow, but these rules are not mandatory. The ACS understands that these norms are ideal, and cannot be achievable in every situation. By contrast, the IEEE regard their standards as ethical guidelines, and every member should act in accordance with these codes (Australian Computer Society, 2014).
2. IEEE code also cover environment protection, elimination of discrimination and social understanding aspects, whereas the ACS does not.
3. IEEE has several conditions need to be met when there are changes to the IEEE Code of Ethics, while the ACS does not have (Institute of Electrical and Electronics Engineers, 1963).

In conclusion, the ACS code mainly focuses on information technology and professional perspectives, while the IEEE code takes a variety of aspects into consideration. They both think public interests as the primary. However, they all do not talk too much about internationally ethical problems and how to solve them.

**Question 2:**

Ethical issues and solutions:

1. Issue: Collection data may involve the use of public facilities, like public skips.

Solution: In order to avoid this situation, we should inform relative departments before we start.

1. Issue: During the period of development, disclosure of any sensitive information about the project may happen.

Solution: We will use non-disclosure agreement when we deal with clients and other third parties.

1. Issue: Due to our ignorance and unawareness, some security loopholes may appear when we are developing the application.

Solution: We will finish some cyber security training and improve our knowledge and skills before we start to develop the application. We will strictly follow the development process and do every test well.

Chao Liang

s304935

Australian Computer Society. (2014). ACS Code of Professional Conduct. Retrieved from

[https://www.acs.org.au/content/dam/acs/rules-and-regulations/Code-of-Professional-Conduct\_v2.1.pdf](https://www.acs.org.au/content/dam/acs/rules-and-regulations/Code-of-Professional-Conduct_v2.1.pdf%20)

Institute of Electrical and Electronics Engineers. (1963). IEEE Code of Ethics. Retrieved from

[https://www.ieee.org/about/corporate/governance/p7-8.html](https://frackinginquiry.nt.gov.au/interim-report)