

## Unit 3 Reflection

This unit considered the different research methods available to researchers such as qualitative and quantitative research. I find it interesting that qualitative research deals more with the thoughts and expressions of participants while quantitative deals with hard facts, statistics, and numbers. Considering the final project on this course, I am leaning toward more qualitative research. We dealt with the idea of a literature review and how to conduct one successfully. I feel overwhelmed by the confusion between three requirements to complete this course: a literature, a research proposal, and a final project; the final project cannot use material from the literature review; the research proposal can be based on findings from the literature review; but cannot be based on the literature review. This is an area I consider deeply lacking in the course so far in that computer engineering students are not research students and there must be more time provided in the course to introduce students to the idea of a research project.

I continued the collaborative discussion and posted a final summary regarding ethical conduct as a professional. From the research I encountered, I found the article by McNamara et al. (2018) spot in when they state that ethics guidelines do not affects professional's decisions, leading me to conclude that in ethical behaviour is far deeper than a set of guidelines in a document; they exist within a person's being. Indeed, using inductive reasoning learned from unit 1 and 2, I would test this statement by making observations of the public behaviour of politicians, leaders, managers, and society. My initial conclusion is that no matter the honour, the responsibility—in my opinion—the more one has, the lower the level of ethics. We can then argue that ethics is in a constitution or written in law, and despite that, even the lawmakers themselves abscond from the requirements to be ethical.

Regardless of the above observation and conclusion, ethics, I believe, will become ingrained in society when society demands ethics from all.

## References

McNamara, A., Smith, J. & Murphy-Hill, E (2018). Does ACM's code of ethics change ethical decision making in software development? Proceedings of the 2018 26th ACM joint meeting on European software engineering conference and symposium on the foundations of software engineering:729-733.