

### Reflection on Software Quality:

Review the article by McCall, Richards & Walters (1977). Select a timelier academic article on software quality. Discuss, in 300 words, the major differences in relation to software quality between the two articles.

I have chosen a work by Obisat et al. (2018) for the comparison, and this paper primarily seeks to establish the many dimensions of software quality, highlight the needs for improving software quality, and present the issues when software quality is restricted. A review of the effects of quality and how it is measured throughout the life cycle of software development is also provided in the paper. It looks at the need for a quality standard to gauge the growing size and quality demands of software. The study's findings also point to a rising demand for high-quality software.

In contrast to the paper by McCall et al.(1977), Obisat et al. (2018) divide software quality into functional and non-functional software quality. Obisat et al. (2018) propose a more comprehensive definition of software quality, describing it as the quality of a software that satisfies the requirements for reliability, maintainability, delivery, cost, and quality requirements. This is another important difference.

Both studies appear to have used a similar set of quality factors, including dependability, maintainability, efficiency, portability, usability, and reusability among others. Overall, they made the case for a more structured engineering strategy to guarantee software quality.

### References:

McCall, J.A., Richards, P.K. and Walters, G.F., 1977. Factors in software quality. volume i. concepts and definitions of software quality. GENERAL ELECTRIC CO SUNNYVALE CA.

Al Obisat, F.M., Alhalhouli, Z.T., Alrawashdeh, T.I. and Alshabat, T.E., 2018. Review of literature on software quality. World Comput. Sci. Inf. Technol. J, 8(5), pp.32-42.