

Unit 10 - Reflection on Software Quality

The first software ever was developed in 1948 at the University of Manchester (Yost, 2018). A lot have changed since then, in both software development and software quality testing, however, the importance of software quality remained the same.

Even programmes developed fifty years ago, had some common principles with today's software. These includes emphasis in maintainability, flexibility, portability, and more (McCall et al., 1977).

Nowadays, with the increased accessibility in technological innovations, along with our dependency in technology, the demand for software development has soared (Hannula, 2016).

When software was developed decades ago, the person who developed a piece of software, could also be the same person who could perform the testing and debugging of the code (Hannula, 2016). Today, the software demand is so big, that developers simple has no time to go test their code.

As a result, software quality assurance teams were established to review the programmes and make sure the quality standards are being met (Hannula, 2016).

Another difference between software developed fifty years ago, and software developed today is the emphasis given in security.

As most computers years ago were not interconnected through the Internet, Cyberattacks and penetration attacks were not given much attention. Nowadays, on account of both

regulatory reasons, and software security standards, security became a big part of the software quality assurance (Hamilton, 2022).

To sum up, software quality was always an important aspect on the software development phase. However, today, with the increased demand and usage of technology, quality assurance plays a big part in the software development life cycle.

References:

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