Unit 9: Quality Management Strategy

Required Reading

McCall, A., Richards, K. & Walters, F. (1977) Factors in Software Quality Concept and Definitions of Software Quality. RADC-TR-77. 369(1).

Heitmeyer, C., Kirby, J. & Labaw, B. (1997) Tools for formal specification, verification, and validation of requirements. Proceedings of COMPASS '97: 12th Annual Conference on Computer Assurance. 35-47. DOI: https://doi.org/10.1109/CMPASS.1997.613206.

Fitzpatrick, R. (1996) Software Quality: Definitions and Strategic Issues. Dublin Institute of Technology, School of Computing.

Mertz, J. (2019) Writing Clean and Pythonic Code. Jet Propulsion Laboratory California Institute of Technology.

Additional Reading

Altextsoft. (2017) Striking a Balance between Manual and Automated Testing: When Two is Better than One.

Féris, M. A. A., Zwikael, O., Gregor, S. (2017) QPLAN: Decision support for evaluating planning quality in software development projects. Decision Support Systems 96: 92-102.

K. Ghane, K. (2017) Quantitative planning and risk management of Agile Software Development. IEEE Technology & Engineering Management Conference (TEMSCON). 109-112.