

## **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**

Alttextsoft. (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.