

## Unit 7: Software Development Life Cycles

### Required Reading

Saravanan, T., Jha, S., Sabharwal, G. & Narayan, S. (2020) Comparative Analysis of Software Life Cycle Models. 2nd International Conference on Advances in Computing, Communication Control and Networking. 906-909.

Mohammed, M., Niazi, M., Alshayeb, M. & Mahmood, S. (2017) Exploring software security approaches in software development lifecycle: A systematic mapping study. Computer Standards & Interfaces 50: 107-115.

Karim, A., Ammar, A. & Aziz, R. (2017) Ethical Software: Integrating Code of Ethics into Software Development Life Cycle. International Conference on Computer and Applications 290-298.

Ramasubbu, N. & Kemerer, C. (2018) Integrating Technical Debt Management and Software Quality Management Processes: A Framework and Field Tests. IEEE/ACM 40th International Conference on Software Engineering (ICSE). 883-883.

Wyngaard, V., Pretorius, C., & Pretorius, L. (2012) Theory of the triple constraint — A conceptual review. IEEE International Conference on Industrial Engineering and Engineering Management. 1991-1997.

Dicheva, D. & Hodge, A. (2018) Active Learning through Game Play in a Data Structures Course. In the Proceedings of the 49th ACM Technical Symposium on Computer Science Education. 834-839.

Robertson, J. & Robertson, S. (n.d.) Volere Requirements Specification Template. 20th edition

Singh, K. (2020) Behaviour-Driven Development (BDD) Helps in Optimizing the Value of Work Done by the Scrum Team.

Agile Alliance (n.d.) Three Amigos.

Dinwiddie, G. (2009) If You Don't Automate Acceptance Tests?. Tools and Techniques, Working Software.

Dinwiddie, G. (2011) Three Amigos: All for One and One for All.

Wambler, S. (n.d.) Introduction to Test Driven Development (TDD)

Jeffries, R. (2011) What is Extreme Programming?