

## REFERENCE LIST

- [1] S. Biswas, R. Mall, M. Satpathy, and S. Sukumaran, “Regression Test Selection Techniques: A Survey,” 2010.
- [2] Atlassian, “What is Continuous Integration,” Atlassian. [Online]. Available: <https://www.atlassian.com/continuous-delivery/continuous-integration>. [Accessed: 17-Oct-2018].
- [3] Atlassian, “Gitflow Workflow: Atlassian Git Tutorial,” Atlassian. [Online]. Available: <https://www.atlassian.com/git/tutorials/comparing-workflows/gitflow-workflow>. [Accessed: 17-Oct-2018].
- [4] R. Kazmi, D. Jawawi, R. Mohamad, I. Ghani, and M. Younas, “A Test Case Selection Framework and Technique: Weighted Average Scoring Method,” Nov. 2017
- [5] Sanjoy\_62Check out this Author's contributed articles., sanjoy\_62, and Check out this Author's contributed articles., “Software Engineering: Software Maintenance,” GeeksforGeeks, 11-Oct-2018. [Online]. Available: <https://www.geeksforgeeks.org/software-engineering-software-maintenance/>. [Accessed: 27-Dec-2019].
- [6] S. Yoo and M. Harman, “Regression testing minimization, selection and prioritization: a survey,” *Software Testing, Verification and Reliability*, 2010.
- [7] E. D. Ekelund and E. Engstrom, “Efficient regression testing based on test history: An industrial evaluation,” 2015 IEEE International Conference on Software Maintenance and Evolution (ICSME), 2015.
- [8] S. Puri, A. Singhal, and A. Bansal, “Study and Analysis of Regression Test Case Selection Techniques,” *International Journal of Computer Applications*, vol. 101, no. 3, pp. 45–50, 2014.

- [9] J. Kasurinen, O. Taipale, and K. Smolander, "Test Case Selection and Prioritization," Proceedings of the 2010 ACM-IEEE International Symposium on Empirical Software Engineering and Measurement - ESEM 10, 2010.
- [10] A. Lawanna, "A Model for Test Case Selection in the Software- Development Life Cycle," 2013.
- [11] M. K. Suppriya and A. K. Ilavarasi, "Test Case Selection and Prioritization Using Multiple Criteria," International Journal of Advanced Research in Computer Science and Software Engineering, 2015.
- [12] Lachmann, "Machine Learning-Driven Test Case Prioritization Approaches for Black-Box Software Testing," The European Test and Telemetry Conference, 2018.
- [13] K. Jammalamadaka, and V. Ramakrishna, "Test Case Selection Using Logistic Regression Prediction Model," International Journal of Mechanical Engineering and Technology, 2017.
- [14] Y. Pang, X. Xue, and A. S. Namin, "A Clustering-Based Test Case Classification Technique for Enhancing Regression Testing," Journal of Software, vol. 12, no. 4, pp. 153–164, 2017.
- [15] K. Dhanadevan, J. Nallasamy, and S. Murugavel, "Neural Network Based Regression Test Selection," Sep. 2017.
- [16] A. A., M. Akour, I. Alazzam, and F. Hanandeh, "Regression Test-Selection Technique Using Component Model Based Modification: Code to Test Traceability," International Journal of Advanced Computer Science and Applications, vol. 7, no. 4, 2016.
- [17] H. Spieker, A. Gotlieb, D. Marijan, and M. Mossige, "Reinforcement learning for automatic test case prioritization and selection in continuous integration," Proceedings of the 26th ACM SIGSOFT International Symposium on Software Testing and Analysis - ISSTA 2017, 2017.

- [18] A. Beszedes, T. Gergely, L. Schrettner, J. Jasz, L. Lango, and T. Gyimothy, "Code coverage-based regression test selection and prioritization in WebKit," 2012 28th IEEE International Conference on Software Maintenance (ICSM), 2012.
- [19] Q. D. Soetens, S. Demeyer, and A. Zaidman, "Change-Based Test Selection in the Presence of Developer Tests," 2013 17th European Conference on Software Maintenance and Reengineering, 2013.
- [20] K. Godfrey, Kassambara, J. Romero, Kassambara, V. Kumar, Kassambara, and M. Cassiano, "Determining The Optimal Number Of Clusters: 3 Must Know Methods," Datanovia. [Online]. Available: <https://www.datanovia.com/en/lessons/determining-the-optimal-number-of-clusters-3-must-know-methods/>. [Accessed: 27-Dec-2019].
- [21] Z. Sultan, R. Abbas, S. Nazir, and S. Asim, "Analytical Review on Test Cases Prioritization Techniques: An Empirical Study," International Journal of Advanced Computer Science and Applications, vol. 8, no. 2, 2017.
- [22] "Test Prioritization or Test Case Prioritization," ProfessionalQA.com. [Online]. Available: <http://www.professionalqa.com/test-prioritization>. [Accessed: 27-Dec-2019].
- [23] I. Salian, "NVIDIA Blog: Supervised Vs. Unsupervised Learning," The Official NVIDIA Blog, 20-Aug-2019. [Online]. Available: <https://blogs.nvidia.com/blog/2018/08/02/supervised-unsupervised-learning/>. [Accessed: 23-Feb-2019].
- [24] "idf :: A Single-Page Tutorial - Information Retrieval and Text Mining," Tf. [Online]. Available: <http://www.tfidf.com/>. [Accessed: 27-Sep-2019].
- [25] Kasurinen, J., Taipale, O. and Smolander, K., 2010. Test Case Selection and Prioritization: Risk-Based or Design-Based?

- [26] Tibshirani, R., Walther, G. and Hastie, T., 2001. Estimating the number of clusters in a data set via the gap statistic. *Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, 63(2), pp.411-423.
- [27] Pravin, A. and Srinivasan, S., 2013. Effective test case selection and prioritization in regression testing. *Journal of Computer Science*, 9(5), pp.654-659.