

DAFTAR PUSTAKA

- [1] "Cisco Digital Media System: Comprehensive, Scalable, Network-Centric," April 2018. [Online]. Available: <http://its-networks.com/wp-content/uploads/2018/04/Library-Cisco-DMS-Solutions-Overview.pdf>. [Diakses 6 Agustus 2019].
- [2] A. R. Khan, *Digital Signage System*, Stockholm, 2009.
- [3] J. Khan and S. Khusro, "Digital Signage Systems: Review of Past Present and Future," in *The 3rd International Conference on Computer Science and Computational Mathematics (ICCSCM 2014)*, Langkawi, 2014.
- [4] S. Wibirama, S. Tungjikusolmun and C. Pintavirooj, "Dual-Camera Acquisition for Accurate Measurement of Three-Dimensional Eye Movements," *IEEJ Transactions on Electrical and Electronic Engineering*, vol. 8, no. 3, pp. 238-246, 2013.
- [5] M. Vidal, A. Bulling and H. Gellersen, "Pursuits: Spontaneous Interaction with Displays based on Smooth Pursuit Eye Movement and Moving Targets," in *2013 ACM international joint conference on Pervasive and ubiquitous computing*, Zurich, 2013.
- [6] J. Pekkanen and O. Lappi, "A New and General Approach to Signal Denoising and Eye Movement Classification based on Segmented Linear Regression," *Scientific reports*, vol. 7, no. 1, pp. 1-13, 2017.
- [7] T. Ohno, K. Hara and H. Inagaki, "Simple-to-Calibrate Gaze Tracking Method," in *Passive Eye Monitoring*, Springer, 2008, pp. 111-131.
- [8] R. I. Hammoud, *Passive eye monitoring: Algorithms, applications and experiments*, Springer Science and Business Media, 2008.
- [9] M. Khamis, L. Trotter, M. Tessmann, C. Dannhart, A. Bulling and F. Alt, "EyeVote in the Wild: Do Users bother Correcting System Errors on Public Displays?," in

- [10] Herlina, S. Wibirama and I. Ardiyanto, "Similarity Measures of Object Selection in Interactive Applications based on Smooth Pursuit Eye Movements," in *International Conference on Information and Communications Technology (ICOIACT)*, 2018.
- [11] Y. Zhang, J. Muller, M. K. Chong, A. Bulling and H. Gellersen, "GazeHorizon: Enabling Passere-by to Interact with Public Displays by Gaze," in *Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing*, Seattle, 2014.
- [12] D. Liu, B. Dong, X. Gao and H. Wang, "Exploiting Eye Tracking for Smartphone Authentication," in *International Conference on Applied Cryptography and Network Security*, 2015.
- [13] M. Khamis, C. Oechsner, F. Alt and A. Bulling, "VRPursuits: Interaction in Virtual Reality using Smooth Pursuit Eye Movements," in *2018 International Conference on Advanced Visual Interfaces*, castiglione della pescaia, 2018.
- [14] J. Hardy, E. Rukzio and N. Davies, "Real World Responses to Interactive Gesture Based Public Displays," in *Proceedings of the 10th International Conference on Mobile and Ubiquitous Multimedia*, 2011.
- [15] A. Z. Maymun and W. Swasty, "Identitas Visual dan Penerapannya pada Signage untuk Kawasan Wisata Edukasi," *Serat Rupa Journal of Design*, vol. 2, pp. 1-13, January 2018.
- [16] I. Sitalakasana, *Teknik Tata Cara Kerja*, Bandung: Teknik Industri, 1979.
- [17] E. Nurmianto, *Ergonomi Konsep Dasar dan Aplikasinya*, Surabaya: Prima Printing, 1991.
- [18] J. R. Bergstrom and A. J. Schall, *Eye Tracking in User Experience Design*, Morgan Kaufmann, 2014.

- [19] "This is Eye Tracking," Tobii Technology AB, [Online]. Available: <https://www.tobii.com/group/about/this-is-eye-tracking/>. [Diakses 5 Agustus 2019].
- [20] K. Holmqvist, M. Nystrom, R. Andersson, R. Dewhurst, H. Jarodzka and J. V. D. Weijer, *Eye Tracking: A Comprehensive Guide to Methods and Measures*, Oxford: Oxford University Press, 2011.
- [21] "How do Tobii Eye Trackers work?," Tobii, 2018. [Online]. Available: <https://www.tobii.com/learn-and-support/learn/eye-tracking-essentials/how-do-tobii-eye-trackers-work/>. [Diakses 6 Agustus 2018].
- [22] E. B. Huey, *The Psychology and Pedagogy of Reading*, New York: The Macmillan Company, 1908.
- [23] E. B. Delabarre, "A Method of Recording Eye-Movements," *The American Journal of Psychology*, vol. 9, no. 4, pp. 572-574, 1898.
- [24] R. Dodge and T. S. Cline, "The Angle Velocity of Eye Movements," *American Journal of Psychology*, vol. 8, no. 2, pp. 145-157, 1900.
- [25] "Specifications for EyeX," Tobii Technology AB, 2017. [Online]. Available: <https://help.tobii.com/hc/en-us/articles/212818309-Specifications-for-EyeX>. [Diakses 13 Agustus 2019].
- [26] "An introduction to Tobii EyeX," Tobii Technology AB, [Online]. Available: developer.tobii.com/an-introduction-to-the-tobii-eyex-sdk/. [Diakses 6 Agustus 2019].
- [27] "Guide to which Tobii SDK to use," Tobii Technology AB., 2018. [Online]. Available: <https://help.tobii.com/hc/en-us/articles/212818309-Specifications-for-EyeX>. [Diakses 13 Agustus 2019].
- [28] "Getting Started Core SDK," Tobii Technology AB, 2018. [Online]. Available: developer.tobii.com/consumer-eye-trackers/core-sdk/getting-started/. [Diakses 13 Agustus 2019].

- [29] JCGM, International Vocabulary of Metrology - Basic and General Concepts and Associated Terms, JCGM Charter, 2008.
- [30] J. Isotalo, Basic of Statistics, CreateSpace Independent Publishing Platform, 2014.
- [31] J. Han and M. Kamber, Data Mining: Concepts and Techniques, Burnaby: Morgan Kaufmann, 2000.
- [32] Yurindra, Software Engineering, Yogyakarta: Deepublish, 2017.
- [33] I. Sommerville, Software Engineering, Boston: Pearson Education, 2011.
- [34] R. S. Pressman, Software Engineering: A Practitioner's Approach seventh edition, McGraw-Hill, 2009.
- [35] R. Basu, Implementing Quality: A Practical Guide to Tools and Techniques, Thomson Learning, 2004.
- [36] JohnMamad, "Penjelasan Lengkap tentang Front-end vs Back-end Developer," [Online]. Available: <https://www.centerklik.com/penjelasan-tentang-front-end-vs-back-end-developer/>. [Diakses 5 Agustus 2019].
- [37] "I. O. f. Standardization, "ISO 9241-210:2010: Ergonomics of human-system interaction – Part 210: Human-centered design for interactive,"" [Online]. Available: <https://www.iso.org/obp/ui/#iso:std:iso:9241:-210:ed-1:v1:en..> [Diakses 6 Agustus 2019].
- [38] T. Lowdermilk, User-Centered Design: A Developer's Guide to Building User-Friendly Application First Edition, California: O'Reilly Media, 2013.
- [39] J. J. Garret, The Element of User Experience: User-Centered Design for THE Web and Beyond Second Edition, Berkeley: New Riders, 2011.
- [40] J. Nielsen, "Card Soritng : How many users to test?," 2004. [Online]. Available: <https://www.nngroup.com/articles/card-sorting-how-many-users-to-test/>. [Diakses 2 Juli 2019].

- [41] N. Schonning, "Introduction C#," Microsoft, 1 July 2017. [Online]. Available: <https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/language-specification/introduction>. [Diakses 6 Agustus 2019].
- [42] M. Wenzel, "Introduction to the C# Language and the .NET Framework," Microsoft, 20 July 2015. [Online]. Available: <https://docs.microsoft.com/en-us/dotnet/csharp/getting-started/introduction-to-the-csharp-language-and-the-net-framework>. [Diakses 6 Agustus 2019].
- [43] G. Warren and T. G. Lee, "Welcome to the Visual Studio IDE," Microsoft, 3 March 2019. [Online]. Available: <https://docs.microsoft.com/en-us/visualstudio/get-started/visual-studio-ide?view=vs-2019>. [Diakses 6 Agustus 2019].
- [44] M. Wenzel, "Windows Forms overview," Microsoft, 30 March 2017. [Online]. Available: <https://docs.microsoft.com/en-us/dotnet/framework/winforms/windows-forms-overview>. [Diakses 6 Agustus 2019].
- [45] C. B. Review, "What is SQL Server," [Online]. Available: <https://www.cbronline.com/what-is/what-is-sql-server-4914415/>. [Diakses 7 Agustus 2019].
- [46] A. BitBucket, "What is version control," [Online]. Available: <https://www.atlassian.com/git/tutorials/what-is-version-control>. [Diakses 7 Agustus 2019].
- [47] A. BitBucket, "What is Git," [Online]. Available: <https://www.atlassian.com/git/tutorials/what-is-git>. [Diakses 7 Agustus 2019].
- [48] M. Rouse, "SPSS (Statistical Package for the Social Sciences)," [Online]. Available: <https://whatis.techtarget.com/definition/SPSS-Statistical-Package-for-the-Social-Sciences>. [Diakses 24 Agustus 2019].
- [49] M. Rauschenberger, M. Schrepp, M. P. Cota and J. Thomasceski, "Efficient Measurement of the User Experience of Interactive Products. How to use the User Experience Questionnaire (UEQ). Example: Spanish Language Version,"

- [50] J. A. Gliem and R. R. Gliem, "Calculating, Interpreting, and Reporting Cronbach's Alpha Reliability Coefficient for Likert-Type Scales," in *Midwest Research-to-Practice Conference in Adult, Continuing, and Community*, 2003.
- [51] M. Schrepp, A. Hinderks and J. Thomaschewski, "Applying the User Experience Questionnaire (UEQ) in Different Evaluation Scenarios," in *International Conference of Design, User Experience, and Usability*, 2014.
- [52] A. Williams, "User-centered Design, Activity-centered Design, and Goal-directed Design: A Review of Three Methods for Designing Web Applications," in *Proceedings of the 27th ACM international conference on Design of communication*, 2009.
- [53] "Wireframing," [Online]. Available: <https://www.usability.gov/how-to-and-tools/methods/wireframing.html>. [Diakses 13 Agustus 2019].
- [54] "Class GazePointDataStream," Tobii, [Online]. Available: <https://tobii.github.io/CoreSDK/api/Tobii.Interaction.GazePointDataStream.html>. [Diakses 5 Agustus 2019].
- [55] "Add new connections," Microsoft, 4 November 2016. [Online]. Available: docs.microsoft.com/en-us/visualstudio/data-tools/add-new-connections?view=vs-2019. [Diakses 6 Agustus 2019].
- [56] "System.Data.SqlClient Namespace," Microsoft, [Online]. Available: <https://docs.microsoft.com/en-us/dotnet/api/system.data.sqlclient?view=netframework-4.8#enums>. [Diakses 6 Agustus 2019].
- [57] Z. M. Milenovic, "Application of Mann-Whitney U Test in Research of Professional Training of Primary School Teachers," *Metodicki obzor*, vol. 6, pp. 73-79, 2011.

- [58] R. A. Warman, S. Wibirama and A. Bejo, "Performance Comparison of Signal Processing Filters on Smooth Pursuit Eye Movemnets," in *2nd International Conferences on Information Technology, Information Systems and Electrical Engineering (ICITISEE)*, Yogyakarta, 2017.
- [59] H. Collewijn and E. P. Tamminga, "Human Smooth Pursuit and Saccadic Eye Movements during Voluntary Pursuit of Different Target Motions on Different Backgrounds," *The Journal of Physiology*, vol. 351, pp. 217-250, 26 April 1984.
- [60] K. G. Rottach, "Comparison of Horizontal, Vertical and Diagonal Smooth Pursuit Eye Movements in Normal Human Subjects," *Vision Research*, vol. 36, no. 14, pp. 2189-2195, 1996.
- [61] J. A. Dewar, *The information age and the printing press: Looking backward to see ahead*, Santa Monica, California: rand Santa Monica, 1998.