

## **BAB VI**

### **KESIMPULAN DAN SARAN**

Kesimpulan yang didapatkan dari hasil eksperimen dalam penelitian, dengan ini peneliti mengambil keputusan dengan kesimpulan:

1. Sistem ini dapat membantu masyarakat membandingkan informasi dari beberapa situs yang menyebarkan berita, sehingga masyarakat lebih cerdas dalam menyikapi berita hoax.

2. Kesimpulan benar hanya untuk kasus berita banjir bandang NTT, untuk mengedukasi masyarakat agar membedakan antara berita nyata dan hoax, karena sistem ini dapat menentukan beberapa situs terpilih dengan informasi berita, untuk masyarakat dengan cerdas dapat melihat kebenaran yang disebarkan dari situs terpercaya.

Saran:

1. Peneliti mengharapkan dapat dikembangkan lebih lanjut dengan menggabungkan atau dibandingkan dengan algoritma yang lain untuk meningkatkan data alternatif yang lebih banyak untuk penelitian yang lebih luas.

## BAB VII

### DAFTAR PUSTAKA

- M. A F, C, F. Li, S. F, "A suspect-oriented intelligent and automated computer forensic analysis," 2016.
- A. P. U. Siahaan, "Network Forensic Application in General Cases," 2017, doi: 10.31227/osf.io/93zgm.
- N. J and D. R. Kalbande, "Computer forensic tool using history and feedback approach," 2015 4th Int. Conf. Reliab.
- R. M and P. Peltola, "Computer forensic analysis of private browsing modes, 2015,
- M. K. M. N, "Forensic in information technology: A redefinition," 2019,
- N. Jain, "Digital Forensic Framework using Feedback and," 2015.
- T. F. A. M, "Investigation Model :," pp. 19–23, 2015.
- T. Toraskar, U. Bhangale, S. Patil, and N. More, "Efficient Computer Forensic Analysis Using Machine Learning Approaches," pp. 1–5, 2019.
- E. H. Susanto, "Social media, hoax, and threats against diversity in Indonesia, 2019.
- M. A. Rahmat, Indrabayu, and I. S. Areni, "Hoax web detection for news in bahasa using support vector machine," 2019 *Int. Conf. Inf. Commun. Technol. ICOIACT 2019*, pp. 332–336, 2019, doi: 10.1109/ICOIACT46704.2019.8938425.
- W. Briquettes, "Decision Support System for the Production of Miscanthus and Willow Briquettes," 2020
- Suryadi K. and Ramadhani M. A. "Decision Support System: A Structural Discourse on Idealization and Implementation of Decision Making" Bandung: Remaja Rosda karya Offset, 1998.
- N. Komalasari, "Decision Support Support System (SPK2T)," *Jurnal Industri Elektro dan Penerbangan*, vol. 4, no. 1, 2020.
- Daihani D. "Computerized Decision Making" Bogor: Ghalia Indonesia, 2001
- Osis P. K. "Decision Support System" Universitas Mercu Buana Yogyakarta, 2002.
- R. Menggunakan, et al., "National Symposium on Applied Technology (SNTT) (in Bahasa: Simposium Nasional Teknologi Terapan (SNTT)," 5 2017 ISSN: 2339-028X," pp. 267–271, 2017.
- O. J. F. Wassalam, R. Umar, and A. Yudhana, "Implementation and Development of Web-Based E-Learning System at STIMIK Muhammadiyah Paguyangan (in Bahasa: Implementasi dan Pengembangan Sistem E-Learning Berbasis Web pada STIMIK Muhammadiyah

Paguyangan), 2017.

Nugroho and S. Hartati, "AHP (Analytical Hierarchy Process) Based Decision Support System for Determining Conformity of Land Use (Case Study: Semarang Regency) (in Bahasa: Sistem Pendukung Keputusan Berbasis AHP (Analytical Hierarchy Process) untuk Penentuan Kesesuaian Penggunaan Lahan (Studi Kasus: Kabupaten Semarang)," *Jurnal Informatika*, vol. 6, no. 2, pp. 630–641, 2012.

B. Zaman, A. Justitia, K. N. Sani, and E. Purwanti, "An Indonesian Hoax News Detection System Using Reader Feedback and Naïve Bayes Algorithm," *Cybern. Inf. Technol.*, vol. 20, no. 1, pp. 82–94, 2020, doi: 10.2478/cait-2020-0006.

S. Yuliani, S. Sahib, M. Faizal, B. Abdollah, and F. Z. Ruskanda, "Hoax News Classification using Machine Learning Algorithms," no. December 2019, 2020, doi: 10.35940/ijeat.B3753.129219.

R. Page, "Hoaxes, hacking and humour: Analysing impersonated identity on social network sites," *Lang. Soc. Media Identity Community Internet*, pp. 46–64, 2014, doi: 10.1057/9781137029317.

H. Allcott and M. Gentzkow, "Social media and fake news in the 2016 election," *J. Econ. Perspect.*, vol. 31, no. 2, pp. 211–236, 2017, doi: 10.1257/jep.31.2.211.

J. S. Pisueno and A. M. M. Lamis, "A Community Empowerment Model using ICT for Safety and Security in a Local Village," vol. 7, no. 2, pp. 75–80, 2019.

Z. Ge and Y. Liu, "Analytic Hierarchy Process Based Fuzzy Decision Fusion System for Model Prioritization and Process Monitoring Application," *IEEE Trans. Ind. Informatics*, vol. 15, no. 1, pp. 357–365, 2019, doi: 10.1109/TII.2018.2836153.

F. Retrialisca, Y. A. Effendi, and N. Nuzulita, "Decision Support System and Recommendation on SBMPTN Try-Out with Analytic Hierarchy Process (AHP)," *Proc. - 2019 Int. Conf. Comput. Sci. Inf. Technol. Electr. Eng. ICOMITEE 2019*, vol. 1, pp. 169–174, 2019, doi: 10.1109/ICOMITEE.2019.8921040.

L. P. Ghimire and Y. Kim, "An analysis on barriers to renewable energy development in the context of Nepal using AHP," *Renew. Energy*, vol. 129, pp. 446–456, 2018, doi: 10.1016/j.renene.2018.06.011.

G. Improta, M. Alessandro, M. Triassi, G. Converso, T. Murino, and L. Carmela, "Mathematical Biosciences Use of the AHP methodology in system dynamics : Modelling and simulation for health technology assessments to determine the correct prosthesis choice for hernia diseases," *Math. Biosci.*, vol. 299, no. June 2017, pp. 19–27, 2018, doi: 10.1016/j.mbs.2018.03.004.

- F. Dweiri, S. Kumar, S. A. Khan, and V. Jain, "Designing an integrated AHP based decision support system for supplier selection in automotive industry," *Expert Syst. Appl.*, vol. 62, pp. 273–283, 2016, doi: 10.1016/j.eswa.2016.06.030.
- E. Ilbahar, A. Karaşan, S. Cebi, and C. Kahraman, "A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system," *Saf. Sci.*, vol. 103, no. July 2017, pp. 124–136, 2018, doi: 10.1016/j.ssci.2017.10.025.
- A. B. Prasetijo, R. R. Isnanto, D. Eridani, Y. A. A. Soetrisno, M. Arfan, and A. Sofwan, "Hoax detection system on Indonesian news sites based on text classification using SVM andSGD," *Proc. - 2017 4th Int. Conf. Inf. Technol. Comput. Electr. Eng. ICITACEE 2017*, vol. 2018-Janua, pp. 45–49, 2017, doi: 10.1109/ICITACEE.2017.8257673.
- G. Improta, M. A. Russo, M. Triassi, G. Converso, T. Murino, and L. C. Santillo, "Use of the AHP methodology in system dynamics: Modelling and simulation for health technology assessments to determine the correct prosthesis choice for hernia diseases," *Math. Biosci.*, vol. 299, no. February, pp. 19–27, 2018, doi: 10.1016/j.mbs.2018.03.004.
- F. Dweiri, S. Kumar, S. A. Khan, and V. Jain, "Designing an integrated AHP based decision support system for supplier selection in automotive industry," *Expert Syst. Appl.*, vol. 62, pp. 273–283, 2016, doi: 10.1016/j.eswa.2016.06.030.
- E. Ilbahar, A. Karaşan, S. Cebi, and C. Kahraman, "A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system," *Saf. Sci.*, vol. 103, no. July 2017, pp. 124–136, 2018, doi: 10.1016/j.ssci.2017.10.025.
- Saaty, T., L., 1994. "How to Make a Decision: The Analytic Hierarchy Proses", *Interface*, November–December, p.19–43.