

BAB VI

KESIMPULAN DAN SARAN

6.1. KESIMPULAN

Berdasarkan penelitian yang telah dilakukan, ditemukan kesimpulan yang dapat dirangkum sebagai berikut.

1. Kontribusi dari penelitian ini adalah sebuah rancangan strategy dalam mengembangkan dan mengelola proses distribusi bahan Baku perusahaan dari setiap Supplier, Dengan menggunakan metode *Fuzzy-AHP* sebagai langkah dan proses pengambilan keputusan pada area kekaburan untuk keunggulan criteria dari setiap Supplier yang dimiliki perusahaan dengan 3 alternatif criteria sebagai dasar perhitungan yang mungkin kedepannya dapat dilakukan lebih banyak dan lebih efisien dari pada sebelumnya.
2. Penggunaan metode *fuzzy-AHP* dalam penelitian ini juga telah menjadi langkah perusahaan sebagai strategy bersaing yang dapat di andalkan karena memiliki Pola dari pada strategi produksi sebelumnya dan menjadi patokan untuk kedepannya.
3. Pada setiap criteria dan sub criteria dapat digunakan untuk kasus-kasus yang lain pada perusahaan bila terdapat masalah yang Sama dalam proses pengambilan keputusan.
4. Pengelolaan management resiko telah menjadi alasan dalam dunia bisnis karena menjadi tahapan akhir sebelum terjadinya proses rantai pasokan untuk mengatasi efek dari risiko yang ditimbulkan sebelum proses distribusi dilakukan.

6.2. SARAN

Berdasarkan uraian pada BAB sebelumnya menjadikan sebuah acuan untuk menentukan beberapa saran yang dapat di ambil sebagai berikut.

1. Pada penelitian kedepanya perlu adanya sebuah proses pengambilan keputusan dengan perhitungan untuk mengatasi kekaburan dalam pemilihan Supplier dengan alternative Criteria dan sub Criteria dari perusahaan lebih baik lagi.
2. Pengelolaan Management risiko setelah pemilihan supplier untuk mengetahui efek dari setiap risiko yang ditimbulkan pada saat pendistribusian bahan Baku samapi pada proses terakhir.
3. Diharapkan pada masa yang Akan datang, adanya penelitian yang melakukan pengambilan keputusan yang lebih cepat dan lebih efisien.
4. Mengikuti perkembangan teknologo informasi dari waktu ke waktu untuk agar dapat bersaing pada pasar bisnis.
5. Memerlukan sistem informasi yang lebih baik dan lebih efisien untuk penerapan strategy perusahaan dalam jangka waktu yang lama.

DAFTAR PUSTAKA

- Abd Elmonem, Mohamed A., Eman S. Nasr, and Mervat H. Geith. 2016. "Benefits and Challenges of Cloud ERP Systems – A Systematic Literature Review." *Future Computing and Informatics Journal* 1(1–2): 1–9. <http://linkinghub.elsevier.com/retrieve/pii/S2314728816300599>.
- AFRIANTY, IIS. 2011. "PEMILIHAN KARYAWAN TERBAIK MENGGUNAKAN METODE FUZZY AHP (F-AHP) IIS AFRIANTY FOR SELECTING THE BEST OF EMPLOYEES USING FUZZY AHP METHOD (F-AHP) IIS AFRIANTY Graduation Ceremony Period : February 2011 State Islamic University of Sultan Syarif Kasim Ria."
- Anđelkovic, Aleksandar. 2015. "The Necessity of Eliminating Classical Concepts and Introduction of New Concepts Into Strategic Management and Business." *Ekonomika* 61(1): 23.
- Asgarkhani, M, and E Sitnikova. 2014. "A Strategic Approach to Managing Security in SCADA Systems." *on Cyber warefare and Security* 2: 23–33. https://books.google.ca/books?hl=en&lr=&id=hFQJBAAQBAJ&oi=fnd&pg=PA23&dq=malware+scada+security+monitoring+network+IP+address+Internet+OR+cyber&ots=w3XGovczeT&sig=XNso_ivMMHOG4dnH3VQtu3WBvLg.
- Azar, Adel, Mehrali Hemmatinezhad, and Ehya Alijani Kasbakhi. 2015. "Available at [Www.Jcrs010.Com](http://www.Jcrs010.Com)." 3(6): 1–8.
- Bányai, Edit. 2016. "The Integration of Social Media into Corporate Processes." *Society and Economy* 38(2): 239–59.
- Barafort, Béatrix, Antoni Lluís Mesquida, and Antonia Mas. 2017. "Integrating Risk Management in IT Settings from ISO Standards and Management Systems Perspectives." *Computer Standards and Interfaces* 54: 176–85. <http://dx.doi.org/10.1016/j.csi.2016.11.010>.
- Bastas, Ali, and Kapila Liyanage. 2018. "Sustainable Supply Chain Quality Management: A Systematic Review." *Journal of Cleaner Production* 181: 726–44. <http://linkinghub.elsevier.com/retrieve/pii/S095965261830129X>.

- Belas, Jaroslav, Anna Chocholakova, and Lenka Gabcova. 2015. "Satisfaction and Loyal- Ty of Banking Customers :." *Economics and Sociology* 8(1): 176–88.
- Carter, David A., Daniel A. Rogers, Betty J. Simkins, and Stephen D. Treanor. 2017. "A Review of the Literature on Commodity Risk Management." *Journal of Commodity Markets* 8: 1–17. <http://dx.doi.org/10.1016/j.jcomm.2017.08.002>.
- Clermont, Philippe, and Bernard Kamsu-Foguem. 2018. "Experience Feedback in Product Lifecycle Management." *Computers in Industry* 95: 1–14. <http://dx.doi.org/10.1016/j.compind.2017.11.002>.
- Consiglio, A., and S.A. Zenios. 2015. "Risk Management Optimization for Sovereign Debt Restructuring." *Journal of Globalization and Development* 6(2): 1–27. <http://www.degruyter.com/view/j/jgd.2015.6.issue-2/jgd-2015-0015/jgd-2015-0015.xml>.
- De Felice, Fabio, and Antonella Petrillo. "A Strategic Multicriteria Decision Support System to Assess the Best Supply Chain Distribution Strategy and Characterize the Bullwhip Effect." *International Journal of Information Systems and Supply Chain Management* 6(4): 61–76.
- Hallikas, Jukka, and Katrina Lintukangas. 2016. "Purchasing and Supply: An Investigation of Risk Management Performance." *International Journal of Production Economics* 171: 487–94. <http://dx.doi.org/10.1016/j.ijpe.2015.09.013>.
- Hoffmann, Petra, Holger Schiele, and Koos Krabbendam. 2013. "Uncertainty, Supply Risk Management and Their Impact on Performance." *Journal of Purchasing and Supply Management* 19(3): 199–211. <http://dx.doi.org/10.1016/j.pursup.2013.06.002>.
- Holtgrave, Maximilian, and Mert Onay. 2017. "Success through Trust, Control, and Learning? Contrasting the Drivers of SME Performance between Different Modes of Foreign Market Entry." *Administrative Sciences* 7(2): 9. <http://www.mdpi.com/2076-3387/7/2/9>.
- Hsing-Ping Kuo. 2012. "A Study of the Relationship between Customer Relationship Management Contents and Benefits in Hospitals: An Application

- of Fuzzy Set Theory.” *African Journal of Business Management* 6(14): 4835–47.
- Hu, Qian. 2015. “A User-Centred Collaborative Framework for Integrated Information Services in China.” *The Electronic Library* 33(6): 990–1001. <http://www.emeraldinsight.com/doi/10.1108/EL-04-2014-0060>.
- Huarng, Kun Huang, Alicia Mas-Tur, and Ferran Calabuig Moreno. 2018. “Innovation, Knowledge, Judgment, and Decision-Making as Virtuous Cycles.” *Journal of Business Research* 88(xxxx): 278–81.
- Hung, Yu-Shun, and Yu-Chen Cheng. 2018. “The Impact of Information Complexity on Audit Failures from Corporate Fraud: Individual Auditor Level Analysis.” *Asia Pacific Management Review*: 1–14. <https://www.sciencedirect.com/science/article/pii/S1029313215301433>.
- Jain, Vipul et al. 2016. “Supplier Selection Using Fuzzy AHP and TOPSIS: A Case Study in the Indian Automotive Industry.” *Neural Computing and Applications*: 1–10.
- Javad Soroor,. 2012. “Smart Supplier Selection Based on Voice of Customer Using an Integrated Bidding Mechanism in Real-Time.” *African Journal of Business Management* 6(29): 8525–38. [http://www.academicjournals.org/ajbm/abstracts/abstracts/abstracts2012/25July/Soroor et al.htm](http://www.academicjournals.org/ajbm/abstracts/abstracts/abstracts2012/25July/Soroor%20et%20al.htm).
- Kaganski, Sergei, Jüri Majak, and Kristo Karjust. 2018. “ScienceDirect Fuzzy AHP as a Tool for Prioritization of Key Performance Indicators.” *Procedia CIRP* 00: 1227–32. <https://doi.org/10.1016/j.procir.2018.03.097>.
- Kern, Daniel, Roger Moser, Evi Hartmann, and Marco Moder. 2012. “Supply Risk Management: Model Development and Empirical Analysis.” *International Journal of Physical Distribution & Logistics Management* 42(1): 60–82. <http://www.emeraldinsight.com/doi/10.1108/096000031211202472>.
- Kušar, Janez, Lidija Rihar, Urban Žargi, and Marko Starbek. 2013. “Extended Risk-Analysis Model for Activities of the Project.” *SpringerPlus* 2(1): 1–12.
- Lathrop, John, and Barry Ezell. 2017. “A Systems Approach to Risk Analysis Validation for Risk Management.” *Safety Science* 99: 187–95.

- <http://dx.doi.org/10.1016/j.ssci.2017.04.006>.
- López, Cristina, and Jose L. Salmeron. 2014. "Modeling Maintenance Projects Risk Effects on ERP Performance." *Computer Standards and Interfaces* 36(3): 545–53. <http://dx.doi.org/10.1016/j.csi.2013.11.002>.
- Lyon, By Bruce K, and Georgi Popov. 2017. "Communicating & Managing Risk The Key Result of Risk Assessment." (November).
- Mäenpää, Irinja, and Raimo Voutilainen. 2012. "Insurances for Human Capital Risk Management in SMEs." *Vine* 42(1): 52–66. <http://www.emeraldinsight.com/doi/10.1108/03055721211207761>.
- Murphy, Micah, and C. M. Sashi. 2017. "Communication, Interactivity, and Satisfaction in B2B Relationships." *Industrial Marketing Management* (June 2015): 0–1. <http://dx.doi.org/10.1016/j.indmarman.2017.08.020>.
- Naude, M.J., and N. Chiweshe. 2017. "A Proposed Operational Risk Management Framework for Small and Medium Enterprises." *South African Journal of Economic and Management Sciences* 20(1): 1–11.
- Olson, David L., Bjorn Johansson, and Rogerio Atem De Carvalho. 2015. "Open Source ERP Business Model Framework." *Robotics and Computer-Integrated Manufacturing*: 1–7. <http://linkinghub.elsevier.com/retrieve/pii/S0736584515000927>.
- Pant, Gautam, and Shagun Pant. 2018. "Visibility of Corporate Websites: The Role of Information Prosociality." *Decision Support Systems* 106: 119–29. <https://doi.org/10.1016/j.dss.2017.12.006>.
- Parhizkar, Minou, and Marco Comuzzi. 2017. "Impact Analysis of ERP Post-Implementation Modifications: Design, Tool Support and Evaluation." *Computers in Industry* 84: 25–38. <http://dx.doi.org/10.1016/j.compind.2016.11.003>.
- Pekmez, Zana. "Key Success Factors for Sustainable Strategic Information Systems Planning and Information Technology Infrastructure." 6(2): 43–56.
- Piza, C. 2016. "The Impacts of Business Support Services for Small and Medium Enterprises on Firm Performance in Low-and Middle-Income Countries: A Systematic Review." (January).

- <https://campbellcollaboration.org/library/business-support-services-for-sme-low-and-middle-income-countries>.
- Rong, Aiying, Renzo Akkerman, and Martin Grunow. 2011. "An Optimization Approach for Managing Fresh Food Quality throughout the Supply Chain." *International Journal of Production Economics*.
- Sharma, Satyendra, and Srikanta Routroy. 2016. "Modeling Information Risk in Supply Chain Using Bayesian Networks." *Journal of Enterprise Information Management* 29(2): 238–54.
<http://www.emeraldinsight.com/doi/10.1108/JEIM-03-2014-0031>.
- Sinha, Amit Kumar, and Ankush Anand. 2018. "Development of Sustainable Supplier Selection Index for New Product Development Using Multi Criteria Decision Making." *Journal of Cleaner Production*.
<https://linkinghub.elsevier.com/retrieve/pii/S0959652618318900>.
- Student, Antonio Pooe. 2012. "A Conceptual Model for Digital Forensic Readiness." : 413–23.
- Tai, Yi Ming. 2016. "Effects of Product Lifecycle Management Systems on New Product Development Performance." *Journal of Engineering and Technology Management - JET-M* (June 2016): 0–1.
<http://dx.doi.org/10.1016/j.jengtecman.2017.06.001>.
- Taratukhin, Victor, and Yulia Yadgarova. 2018. "Towards a Socio-Inspired Multiagent Approach for New Generation of Product Life Cycle Management." *Procedia Computer Science* 123: 479–87.
<http://linkinghub.elsevier.com/retrieve/pii/S1877050918300747>.
- Virglerová, Zuzana et al. 2016. "Influence of Selected Factors on Financial Risk Management in SMEs in the Czech Republic." *Montenegrin Journal of Economics* 12(1): 21–33.
<http://search.proquest.com/docview/1792748679/fulltextPDF/E0E9B44AE0F34108PQ/1?accountid=15518>.
- Ward, Helen. 2011. "Risk and the Outdoor Adventure Experience: Good Risk, Bad Risk, Real Risk, Apparent Risk, Objective Risk, Subjective Risk." *Times Educational Supplement* 8(Nov 18): 4.

- Wu, Mei-Fang, and Pao-Long Chang. 2013. "Key Success Paths Theory: Navigator of New Product Development Strategy." *African Journal of Business Management* 7(26): 2533–47. http://search.proquest.com/docview/1419469166?accountid=8144%5Cnhttp://sfx.aub.aau.dk/sfxaub?url_ver=Z39.88-2004&rft_val_fmt=info:ofi/fmt:kev:mtx:journal&genre=article&sid=ProQ:ProQ:pqrl&atitle=Key+success+paths+theory:+Navigator+of+new+product+development.
- Yu, Ying, Xin Wang, Ray Y. Zhong, and George Q. Huang. 2016. "E-Commerce Logistics in Supply Chain Management: Practice Perspective." *Procedia CIRP* 52: 179–85. <http://dx.doi.org/10.1016/j.procir.2016.08.002>.