REFERENCES

Bell, C. (2018) *Introducing the MySQL 8 Document Store*. Berkeley, CA: Apress. Available at: https://doi.org/10.1007/978-1-4842-2725-1.

Django Software Foundation (no date) *Django*, *Django Project*. Available at: https://www.djangoproject.com/ (Accessed: 18 June 2023).

Ghezal Bargouty (2017) *Tinder for food? New app helps users decide where to eat*, *The Lantern*. Available at: https://www.thelantern.com/2017/10/tinder-for-food-new-app-helps-users-decide-where-to-eat/ (Accessed: 5 January 2023).

Gojek Newsroom (2022) *Komunitas Partner GoFood Terbukti Dorong UMKM Kuliner Semakin Cakap Digital dan Naik Kelas | Gojek Newsroom*. Available at: https://newsroom.gojek.com/id-id/news/komunitas-partner-gofood-terbukti-dorong-umkm-kuliner-semakin-cakap-digital-dan-naik-kelas/ (Accessed: 17 June 2023).

Hutasuhut, D.I.G. *et al.* (2018) 'Decision Support System for Finding the Best Restaurant Using AHP Method', in *2018 6th International Conference on Cyber and IT Service Management (CITSM)*. *2018 6th International Conference on Cyber and IT Service Management (CITSM)*, pp. 1–5. Available at: https://doi.org/10.1109/CITSM.2018.8674269.

Indonesian Ministry of Tourism and Creative Economy (2020) *Statistik_Penyediaan_Makanan_dan_Minuman_Up_2018_66a3529197.pdf*. Available   at: https://api2.kemenparekraf.go.id/storage/app/resources/Statistik_Penyediaan_Makanan_dan_Minuman_Up_2018_66a3529197.pdf (Accessed: 4 January 2023).

Javatpoint (no date) *What is HTML? Definition of Hypertext Markup Language - javatpoint*. Available at: https://www.javatpoint.com/what-is-html (Accessed: 18 June 2023).

Kafin (2014) *Building the Decision Support System for Product Purchasing*. Available at: http://repository.sgu.ac.id/2002/5/Kafin%2012110020-4.pdf (Accessed: 19 June 2023).

Kramer, O. (2013) 'K-Nearest Neighbors', in Kramer, O., *Dimensionality Reduction with Unsupervised Nearest Neighbors*. Berlin, Heidelberg: Springer Berlin Heidelberg (Intelligent Systems Reference Library), pp. 13–23. Available at: https://doi.org/10.1007/978-3-642-38652-7_2.

Lesser, O. *et al.* (2017) 'Group Decision Support for Leisure Activities Using Voting and Social Networks', *Group Decision and Negotiation*, 26(3), pp. 473–494. Available at: https://doi.org/10.1007/s10726-016-9505-7.

Mayer-Schönberger, V. and Cukier, K. (2013) *Big Data: A Revolution that Will Transform how We Live, Work, and Think*. Houghton Mifflin Harcourt.

Minartiningtyas, B. and Prawira, I. (2019) 'Decision Support System for Restaurant Selection in Badung Regency with Geography Visualization', *ACSIE (International Journal of Application Computer Science and Informatic*

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 56 of 63

Engineering), 1, pp. 11–20. Available at: https://doi.org/10.33173/acsie.35.

OpenStreetMap Foundation (no date) *OpenStreetMap*, *OpenStreetMap*. Available at: https://www.openstreetmap.org/about (Accessed: 19 June 2023).

Oyamaguchi, N., Tajima, H. and Okada, I. (2019) 'A Questionnaire Method of Class Evaluations Using AHP with a Ternary Graph', in I. Czarnowski et al. (eds) *Intelligent Decision Technologies 2018*. Cham: Springer International Publishing (Smart Innovation, Systems and Technologies), pp. 173–180. Available at: https://doi.org/10.1007/978-3-319-92028-3_18.

Pérez, I.J., Cabrerizo, F.J. and Herrera-Viedma, E. (2010) 'A Mobile Decision Support System for Dynamic Group Decision-Making Problems', *IEEE Transactions on Systems, Man, and Cybernetics - Part A: Systems and Humans*, 40(6), pp. 1244–1256. Available at: https://doi.org/10.1109/TSMCA.2010.2046732.

Reassurance - an overview | ScienceDirect Topics (no date). Available at: https://www.sciencedirect.com/topics/medicine-and-dentistry/reassurance (Accessed: 5 January 2023).

Reutskaja, E. *et al.* (2018) 'Choice overload reduces neural signatures of choice set value in dorsal striatum and anterior cingulate cortex', *Nature Human Behaviour*, 2(12), pp. 925–935. Available at: https://doi.org/10.1038/s41562-018-0440-2.

Saaty, R.W. (1987) 'The analytic hierarchy process—what it is and how it is used', *Mathematical Modelling*, 9(3–5), pp. 161–176. Available at: https://doi.org/10.1016/0270-0255(87)90473-8.

Schwartz, B. (2007) *The paradox of choice: why more is less*. Pymble, NSW: HarperCollins e-books.

The Python Software Foundation (no date) *What is Python? Executive Summary*, *Python.org*. Available at: https://www.python.org/doc/essays/blurb/ (Accessed: 18 June 2023).

Turban, E. *et al.* (2011) *Decision support and business intelligence systems*. 9. ed., internat. ed. Upper Saddle River, NJ: Pearson Prentice Hall.

W3Schools (no date) *CSS Introduction*. Available at: https://www.w3schools.com/css/css_intro.asp (Accessed: 18 June 2023).

What is JavaScript? - Learn web development | MDN (2023). Available at: https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_is_JavaScript (Accessed: 18 June 2023).

Zadeh, L.A. (1988) 'Fuzzy logic', *Computer*, 21(4), pp. 83–93. Available at: https://doi.org/10.1109/2.53.

Zhao, B. (2017) 'Web Scraping', in, pp. 1–3. Available at: https://doi.org/10.1007/978-3-319-32001-4_483-1.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 57 of 63

GLOSSARY

1. Decision support system (DSS): A computer-based information system that supports decision-making activities for improved decision-making outcomes. DSSs use data, models, and analytical tools to help decision-makers analyse complex problems and make better decisions.

2. Web scraping: The process of extracting data from a website. Web scraping can be used to collect data from a wide variety of websites, for a variety of purposes. For example, web scraping can be used to collect product prices, customer reviews, or even the entire contents of a website.

3. Analytical hierarchical process (AHP): A decision-making method that uses pairwise comparisons to rank alternatives. AHP is a popular method for decision-making in a variety of settings, including business, government, and healthcare.

4. MySQL: A relational database management system (RDBMS). MySQL is a popular open-source RDBMS that is used to store and manage data. MySQL is scalable and reliable, making it a good choice for a variety of applications.

5. Python language. A general-purpose, high-level programming language. Python is a popular choice for web development, data science, and machine learning. Python is easy to learn and use, making it a good choice for beginners.

6. JavaScript: A programming language used to create interactive web pages. JavaScript is a client-side scripting language, meaning that it is executed by the user's web browser. JavaScript can be used to add functionality to web pages, such as animations, pop-ups, and form validation.

7. CSS: A style sheet language used to control the presentation of web pages. CSS is used to control the layout, colors, fonts, and other visual aspects of web pages.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 58 of 63

CSS is a powerful tool that can be used to create visually appealing and engaging web pages.

8. The Hypertext Markup Language (HTML): HTML is the standard markup language for creating web pages. HTML defines the structure of a web page, such as the headings, paragraphs, and images. HTML is a simple language that can be learned by beginners.

9. Django: A web framework written in Python. Django is a popular choice for web development, as it provides a number of features that make it easy to create and maintain web applications. Django is also a well-documented framework, making it easy to find help when you need it.

10. Front-end: The part of a web application that is visible to the user. The front end is responsible for displaying the user interface and handling user input. The front end is typically written in HTML, CSS, and JavaScript.

11. Back-end: The part of a web application that is not visible to the user. The back end is responsible for processing user input, storing data, and generating the web pages that are displayed to the user. The back end is typically written in a programming language such as Python, Java, or C++.

12. Use case diagram: A type of diagram that is used to represent the interactions between users and a system. Use case diagrams are used to document the functionality of a system and to identify the different types of users that will interact with the system.

13. ERD: An Entity Relationship Diagram. An ERD is a type of diagram that is used to represent the relationships between data entities in a database. ERDs are used to document the structure of a database and to identify the different types of data that will be stored in the database.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 59 of 63

14. Pseudocode: A language that is used to represent the logic of an algorithm. Pseudocode is not a programming language, but it is similar to programming languages in that it can be used to express the steps of an algorithm in a structured way. Pseudocode is often used to document algorithms before they are implemented in a programming language.

15. Workflow: A sequence of steps that are performed to achieve a specific goal. Workflows are used to organize and manage work, and they can be used to improve efficiency and productivity.

16. Likert scale: A type of scale that is used to measure attitudes or opinions. A Likert scale typically consists of a series of statements, and respondents are asked to indicate their level of agreement with each statement on a scale of 1 to 5, where 1 indicates strong disagreement and 5 indicates strong agreement. Likert scales are a popular method for collecting data about attitudes and opinions, and they can be used in a variety of settings.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 60 of 63

CURRICULUM VITAE

PROFILE

Name	: Dyondra
Phone Number	: 085946134845
Email	: dido.dyondra@ gmail.com
LinkedIn	: linkedin.com/dido-dyondra
Address	: Bintaro, Tangerang Selatan, Banten, Indonesia

EDUCATION LEVEL

Swiss German University (Aug 2019 - Aug 2023 (expected))

- Bachelor Degree in Information Technology, 3.66/4.00
- Appointed Head of Division for several events and organizations.
- Members of the Research team of BLE (Bluetooth Low Energy) usage in the current world.

Jakarta Public Senior Highschool 82 (Jul 2016 - Jul 2019)

- Specialization subjects of sciences
- Compete and won 6th place for Applied Science and Mathematics on OPSI 2017 (Olimpiade Penelitian Siswa Indonesia)
- Compete in the 2018 OSN for Applied Mathematic.
- Supervised and mentor the 2018 OPSI Applied Science and Mathematic team

WORK EXPERIENCE

PT Bank Seabank Indonesia - Jakarta, Indonesia (Aug 2022 - Feb 2023)
Project Manager Intern

- Manage the deployment of the company's ticketing system.
- Manage some of the branch relocation, opening, and closing.
- Assist with server relocation.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 61 of 63

- Helped resolve server capacity monitoring issues.
- Assist in managing the annual stock opname exercise.

PT Telekomunikasi Selular - Jakarta, Indonesia (Mar 2022 - Jun 2022)
Project Manager Intern

- Create and lead meetings for both Telkomsel and 3rd Party Company.
- Help organize data from a running project.
- Create Minutes of Meeting to be shared with all the meeting participants.
- Be the communication bridge between the 3rd Party Company's team and Telkomsel's Team.

PT Axiata Digital Service Indonesia - Jakarta, Indonesia (Nov 2020 - Jan 2021)
Project Manager Intern

- In charge of logging and managing projects at Boost ID, learned about Agile, Scrum, and other methods that they used.
- Set up and manage daily sprint meetings as well as sprint review meetings.
- Help organize meetings with the Senior Project Manager and the Stakeholders of the project.
- Data Management: set up and rearrange MyBoost Database, and delete any unnecessary objects and/or entities.

ORGANISATIONAL EXPERIENCE

SGU BEM - Indonesia (Sep 2020 - Dec 2021)
Head of Public Relations and Documentation

- Managed day-to-day operations for any public relations and documentation matters in SGU's BEM.
- Lead and manage the team for planned projects.
- Responsible for every social media and documentation matter of several events.

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 62 of 63

SGU   Orientation   Week - Indonesia (Apr   2021   -   Aug   2021)

Head of Broadcasting and Documentation

- Responsible for any media needs of the Kaderisasi.
- Manage the Documentation team.

SGU   Kaderisasi - Indonesia (Aug   2021   -   Oct   2021)

Head of Multimedia

- Responsible for any media needs of the Kaderisasi
- Manage the team for Documentation

Logikain   2020   -   Indonesia

Head of Competition

- Manage the Competition team as well as the participants.
- Arrange and Coordinate the competitions and competitors of Logikain.

SKILLS, ACHIEVEMENTS & OTHER EXPERIENCE

Soft Skills:

Leadership, Ability to work in a Team, Problem-Solving, Managing Teams and Projects, Creativity, Adaptability, Communication, Research, Critical Thinking.

Hard Skills:

Coding (C++, Python, Java, R, etc.), Creative Editing (Adobe Premiere, Adobe Photoshop, Etc.), Database (PostgreSQL, MySQL), Microsoft Tools (Word, Excel, PowerPoint, Etc.), Scheduling (Atlassian/Jira, Trello)

Analysis of a Decision Support System using AHP for Food and Restaurant Selection
Based on the User's Food Cravings and Location in Jakarta.

Page 63 of 63

Languages:

Indonesian (native), English (Full Professional Proficiency), German (Limited Working Proficiency)

Projects (2021):

Research Bluetooth Low Energy (BLE) Technology for Tracking and Data Analytics towards MICE Hybrid Visitors in the New Normal Covid-19 Era. Incogite Conference Runner-Up

Interest:

Artificial Intelligence, Management, Data Science, Integrated Technology, Creative Work, Social Networking