DAFTAR PUSTAKA

[1] E. M. Manajemen, S. Bisnis, and D. Manajemen, "RESTAURANT XYZ PEAK HOUR WAITING TIME REDUCTION USING SIX SIGMA ANALYSIS," *Journal of Social and Economics Research*, vol. 6, no. 1, 2024, [Online]. Available: https://idm.or.id/JSER/index.

[2] I. Bernarto, J. Juliana, and A. Djakasaputra, "What Drives Customer Satisfaction? : Evidence From Customer Fast Food Restaurant Indonesia," *Jurnal Aplikasi Bisnis dan Manajemen*, Sep. 2022, doi: 10.17358/jabm.8.3.711.

[3] A. Pramezwary, D. Ca*list*a Oktaviani, F. E. Tania, and M. A. Benly, "UNDERSTANDING CUSTOMER LOYALTY IN INDONESIA QUICK SERVICE RESTAURANT INDUSTRY," 2021.

[4] V. Engesser, E. Rombaut, L. Vanhaverbeke, and P. Lebeau, "Autonomous Delivery Solutions for Last-Mile Logistics Operations: A Literature Review and Research Agenda," Feb. 01, 2023, *MDPI*. doi: 10.3390/su15032774.

[5] K. Shafique, B. A. Khawaja, F. Sabir, S. Qazi, and M. Mustaqim, "*Internet of Things* (IoT) for next-generation smart systems: A review of current challenges, future trends and prospects for emerging 5G-IoT Scenarios," 2020, *Institute of Electrical and Electronics Engineers Inc.* doi: 10.1109/ACCESS.2020.2970118.

[6] M. Kalpana *et al.*, "*Design* and Implementation of Versatile Delivery Robot," MDPI AG, Aug. 2024, p. 42. doi: 10.3390/engproc2024066042.

[7] A. P. Priyadarshini, "The Impact of *User* Interface *Design* on *User* Engagement." [Online]. Available: http://www.ijert.org

[8] A. Hamm, "Future of Food Delivery: Drones, Robotics, and Automated Systems," *African Journal of Food Science and Technology*, vol. 14, no. 12, pp. 1–02, 2023, doi: 10.14303//ajfst.

[9] Copper Digital, "7 Benefits of Implementing IoT in Logistics." Accessed: Oct. 26, 2024. [Online]. Available: https://copperdigital.com/blog/benefits-implementing-iot-in-logistics/

[10] Fachrizi Rifqy, Novalisza Gebby, and Rafly Muhammad, “BUKU TUGAS AKHIR CAPSTONE *DESIGN* Mobilisasi Robot Pengantar Makanan Berbasis Odometry dan QR Detection,” Bandung, Dec. 2023.

[11] D. Autor, “The journal of economic perspectives at 100 (issues),” 2012, *American Economic Association*. doi: 10.1257/jep.26.2.3.

[12] PUDU, “BellaBot Robot Pengantar Kelas Premium.” Accessed: Nov. 23, 2024. [Online]. Available: https://www.pudurobotics.com/id/product/Detail/bellabot

[13] Y. Chen, L. Chen, J. Ding, and Y. Liu, “Research on *Real-time* Obstacle Avoidance Motion Planning of Industrial Robotic Arm Based on Artificial Potential *Field* Method in Joint Space,” *Applied Sciences (Switzerland)*, vol. 13, no. 12, Jun. 2023, doi: 10.3390/app13126973.

[14] N. Al Abdulhadi, M. S. Al Obaid, A. S. Al Fouzan, N. Al Hedaibi, P. Supervisor, and P. Khalid Sultan Professor Jibran Yousafzai, “Robot *Tray* System ELEG/CPEG 480-Capstone Design Project II Project Members,” 2021.

[15] Figo, Jibran, and Nabila, “Hasil Wawancara dengan Pengguna,” Bandung, Nov. 2024. Accessed: Nov. 24, 2024. [Online]. Available: https://drive.google.com/file/d/1rFFAXVdkDDLF4n2ov4WNLZsabkgKb4E-/view

[16] J. Wei, D. Shi, B. Yan, and Y. Hu, “A Large-scale Distribution and Deployment of Robot Task Based on MQTT Protocol and ROS,” 2017.

[17] H. J. Sung and H. M. Jeon, “Untact: Customer’s acceptance intention toward robot barista in coffee shop,” *Sustainability (Switzerland)*, vol. 12, no. 20, pp. 1–16, Oct. 2020, doi: 10.3390/su12208598.

[18] A. Saefullah, E. Sunandar, M. Nur Rifai, D. Jurusan Sistem Komputer STMIK Raharja, and A. STMIK Raharja Jurusan Sistem Komputer, “PROTOTIPE ROBOT PENGANTAR MAKANAN BERBASIS ARDUINO MEGA DENGAN INTERFACE WEB *BROWSER*,” 2017.

[19] Agustin Electric Technology, “Robot Pengiriman Restoran.” Accessed: Nov. 24, 2024. [Online]. Available: https://id.agustin-electric.com/robot/restaurant-robot/restaurant-delivery-robot.html

[20] B. A. Suren Sasin Rao, L. Sasidaran, and U. Tunku Abdul Rahman, “Simultaneous Localization and Mapping for Industrial Robots,” 2018.

[21] LePage Pete and Andrew Rachel, “*Respons*ive web *Design* basics.” Accessed: Nov. 24, 2024. [Online]. Available: https://web.dev/articles/*respons*ive-web-*Design*-basics

[22] Muallif, “Mekanisme Keamanan (Enkripsi, Autentikasi, Otorisasi).” Accessed: Nov. 24, 2024. [Online]. Available: https://an-nur.ac.id/mekanisme-keamanan-enkripsi-autentikasi-otorisasi/

[23] F. Ilham Firmansyah, M. Syariffuddien Zuhrie, M. Rohman, and M. Aulia, “Sistem Obstacle Avoidance Pada Omnidirectional *Mobile* Robot Dengan Metode Artificial Potentional *Field* (APF) Berbasis Fuzzy logic controller (FLC),” 2023.

[24] Malwina Charko, “Step-by-Step Guide to Effective *User Acceptance Testing* for *Mobile* Apps.” Accessed: Nov. 23, 2024. [Online]. Available: https://www.apptension.com/blog-posts/step-by-step-guide-to-effective-*user*-acceptance-*Testing*-for-*mobile*-apps?utm_source=chatgpt.com

[25] D. D. Sari, M. Purba, and N. Umilizah, “IMPLEMENTASI *USER ACCEPTANCE TESTING* (UAT) PADA RANCANG BANGUN SISTEM INFORMASI PENERIMAAN PESERTA DIDIK BARU (PPDB),” *JCOSIS (Journal Computer Science and In*form*ation Syetem*, [Online]. Available: https://doi.org/10.61567

[26] D. Zeki Ablahd, B. Mohammed, A. Z. Ablahd, and B. Fadel Mohammed, “*Design* of a Remote Control of Home Automation using Android Studio.” [Online]. Available: www.solid*state*technology.us

[27] H. Hussain, K. Khan, and F. Farooqui, “Comparative Study of Android Native and Flutter App Development,” 2021. [Online]. Available: https://www.researchgate.net/publication/361208165

[28] R. F. Ramadhan and R. Mukhaiyar, “Penggunaan Database Mysql dengan Interface PhpMyAdmin sebagai Pengontrolan Smarthome Berbasis Raspberry Pi,” 2020.

[29] C. Khawas and P. Shah, “Application of Firebase in Android App Development-A Study,” *Int J Comput Appl*, vol. 179, no. 46, pp. 49–53, Jun. 2018, doi: 10.5120/ijca2018917200.

[30] M. FOTACHE and D. COGEAN, “NoSQL and SQL Databases for *Mobile* Applications. Case Study: MongoDB versus PostgreSQL,” *In*form*atica Economica*, vol. 17, no. 2/2013, pp. 41–58, Jun. 2013, doi: 10.12948/issn14531305/17.2.2013.04.

[31] A. S. Ahmed, H. A. Marzog, and L. A. Abdul-Rahaim, “*Design* and implement of robotic arm and control of moving via IoT with Arduino ESP32,” *International Journal of Electrical and Computer Engineering*, vol. 11, no. 5, pp. 3924–3933, Oct. 2021, doi: 10.11591/ijece.v11i5.pp3924-3933.

[32] “RemoteSensingIoTbasedAndroidControlledRobotTAJIM”.

[33] Y. Irawan, Muhardi, R. Ordila, and R. Diandra, “Automatic floor cleaning robot using arduino and ultrasonic sensor,” *Journal of Robotics and Control (JRC)*, vol. 2, no. 4, pp. 240–243, Jul. 2021, doi: 10.18196/jrc.2485.

[34] H. Shah, S. Zulfikar, and A. Bhutto, “Node.js Challenges in Implementation,” 2017. [Online]. Available: https://www.researchgate.net/publication/318310544

[35] J. Vainikka, “Abstract Author Title Number of Pages Date,” 2018.

[36] H. Suryotrisongko, D. P. Jayanto, and A. Tjahyanto, “*Design* and Development of *Backend* Application for Public Complaint Systems Using Microservice Spring Boot,” in *Procedia Computer Science*, Elsevier B.V., 2017, pp. 736–743. doi: 10.1016/j.procs.2017.12.212.

[37] M. N. Mansor, N. A. A. Talib, S. A. Saidi, W. A. Mustafa, and N. F. Zamri, “Arduino IOT Based Inventory Management System Using Load Cell and NodeMCU,” *Journal of Advanced Research in Applied Sciences and Engineering Technology*, vol. 32, no. 3, pp. 12–25, Nov. 2023, doi: 10.37934/araset.32.3.1225.

[38] Tarek Mohammad, “Using Ultrasonic and Infrared Sensors for Distance Measurement ,” 2009.

[39] A. R. YEOLE, S. M. BRAMHANKAR, M. D. WANI, and M. P. MAHAJAN, “Smart Phone Controlled Robot Using ATMEGA328 Microcontroller,”

International Journal of Innovative Research in Computer and Communication Engineering, vol. 03, no. 01, pp. 352–356, Feb. 2015, doi: 10.15680/ijircce.2015.0301020.

[40] G. Ersahin and H. Sedef, "Wireless *Mobile* Robot Control With Tablet Computer," *Procedia Soc Behav Sci*, vol. 195, pp. 2874–2882, Jul. 2015, doi: 10.1016/j.sbspro.2015.06.411.

[41] D. W. Nugraha, "PERANCANGAN SISTEM KONTROL ROBOT LENGAN YANG DIHUBUNGKAN DENGAN KOMPUTER."

[42] Levlin Mattias, "DOM benchmark comparison of the front-end JavaScript *Framework*s React, Angular, Vue, and Svelte".

[43] K. Bielak, B. Borek, and M. Plechawska-Wójcik, "Web application performace analysis using Angular, React and Vue *Framework*s," 2022.

[44] Amir Akbar Wicaksono, Yuli Kurnia Ningsih, and Indra Surjati, "Implementation of MQTT Protocol on ESP32-Based OEE Analysis Development Board," *Emitor: Jurnal Teknik Elektro*, pp. 169–175, Aug. 2024, doi: 10.23917/emitor.v24i2.3908.

[45] J. Lambert, R. Monahan, and K. Casey, "Power consumption profiling of a lightweight development board: Sensing with the INA219 and Teensy 4.0 microcontroller," *Electronics (Switzerland)*, vol. 10, no. 7, Apr. 2021, doi: 10.3390/electronics10070775.

[46] P. Jacko *et al.*, "Remote IoT Education Laboratory for Microcontrollers Based on the STM32 Chips," *Sensors*, vol. 22, no. 4, Feb. 2022, doi: 10.3390/s22041440.

[47] Q. Liang, Z. Wang, Y. Yin, W. Xiong, J. Zhang, and Z. Yang, "Autonomous aerial obstacle avoidance using LiDAR sensor fusion," *PLoS One*, vol. 18, no. 6 JUNE, Jun. 2023, doi: 10.1371/journal.pone.0287177.

[48] D. Wardhani, "KOMPARASI ANIMASI FORMAT LOTTIE, JSON, GIF DAN MP4 DENGAN METODE LOAD *TESTING*," *Innovation and Technology*, vol. 1, no. 1, 2024.

[49] D. Popa, I. Buciu, D. Popa, and I. Buciu, “CCC Publications Laravel and Vue.js as *tools* to control IoT *Device*s over the internet. Current *state*-of-the-art”, doi: 10.15837/ijccc.2025.3.7077.

[50] N. Li and B. Zhang, “The Research on Single Page Application Front-end development Based on Vue,” in *Journal of Physics: Conference Series*, IOP Publishing Ltd, Apr. 2021. doi: 10.1088/1742-6596/1883/1/012030.

[51] K. Yank, “Building a Database-Driven Web Site Using PHP and MySQL.”

[52] J. Chaitanya *et al.*, “INTERACTIVE WEB APPLICATION WITH CRUD USING PHP& MYSQL,” *International Journal of In*form*ation and Electronics Engineering*, vol. 15, no. 5, 2025, doi: 10.48047/ijiee.2025.15.5.60.

[53] Z. Noori and C. Eriksson, “UI Performace Comparison of Jetpack Compose and XML in Native Android Applications.”

[54] M. Albarka Umar, “Comprehensive study of *Software Testing*: Categories, levels, techniques, and types,” 2019. [Online]. Available: www.IJARIIT.com

[55] R. Zulkarnain, “SISTEM MONITORING MULTI SENSOR RUANG SERVER BERBASIS *INTERNET OF THINGS* (IOT) MENGGUNAKAN WEMOS D1 R2 (STUDI KASUS : PT LANCAR WIGUNA SEJAHTERA (LAWSON INDONESIA)),” 2024.

[56] A. Yodi and R. P. Kristianto, “Analisis Evaluasi Aplikasi Kuis Anak Usia Dini melalui Manual dan Automation *Testing* Dengan teknik Black Box dan Espresso Analysis of Early Childhood Quiz Application Evaluation through Manual and Automation *Testing* Using Black Box and Espresso Techniques.”

[57] I. Otaduy and O. Diaz, “*User Acceptance Testing* for Agile-developed web-based applications: Empowering customers through wikis and mind *maps*,” *Journal of Systems and Software*, vol. 133, pp. 212–229, Nov. 2017, doi: 10.1016/j.jss.2017.01.002.

[58] N. S. R. Pillai and R. R. Hemamalini, “Hybrid *User* Acceptance Test Procedure to Improve the *Software* Quality,” *International Arab Journal of In*form*ation Technology*, vol. 19, no. 6, pp. 956–964, Nov. 2022, doi: 10.34028/iajit/19/6/14.

[59] H. Nassima, “PEOPLE’S DEMOCRATIC REPUBLIC OF ALGERIA Thesis Presented for the Diploma of Academic Master Branch: Computer Science Option: Informatique System *Design* and Implementation of an Autonomous *Mobile* Robot Based on ESP-32.”

[60] L. Damayanti, “Journal of Artificial Intelligence and Engineering Applications *Design* and Validation of a Web-Based E-CRM System for Baby Fashion Business: A Case Study of PT Rhinno Makmur Jaya Using Black Box and UAT *Testing*,” 2025. [Online]. Available: https://ioinformatic.org/

[61] O. Tiomauli and O. Marleen, “Analysis of Booking Service Performace *Testing* on a Car Sales and Purchase Website Using the PIECES Method Based on the Implementation of *User Acceptance Testing* at a Car Service Booking Service Company,” *International Research Journal of Advanced Engineering and Science*, vol. 7, no. 1, pp. 119–126, 2022, [Online]. Available: www.seva.id

[62] S. Y. Chien, “A usability evaluation *Framework* for a *mobile* application in supporting home-based rehabilitation for stroke patients: A qualitative study,” *Digit Health*, vol. 11, Jan. 2025, doi: 10.1177/20552076251340183.

[63] E. Arif and I. Paulina Soko, “The Evaluation of web-based and android face-to-face tutorial applications quality using the *User Acceptance Testing* (UAT) method,” *Journal of World Science*, vol. 1, no. 8, pp. 590–595, Aug. 2022, doi: 10.36418/jws.v1i8.76.