

DAFTAR PUSTAKA

- [1] Badan Pusat Statistik Indonesia, “Statistik Kelapa Sawit Indonesia (2023),” 2024.
- [2] Z. Fachri, M. Muslem, P. Studi Mekatronika, P. Aceh Jl Politeknik Aceh, P. Raya, and B. Aceh, “KONVEYOR PORTABLE PEMUAT TANDAN BUAH SEGAR (TBS) KELAPA SAWIT KE KENDARAAN PENGANGKUT,” *Jurnal J-Innovation*, vol. 9, no. 1, 2020.
- [3] Harsawardana *et al.*, “AI-Based Ripeness Grading for Oil Palm Fresh Fruit Bunch in Smart Crane Grabber,” in *IOP Conference Series: Earth and Environmental Science*, Institute of Physics Publishing, Mar. 2020. doi: 10.1088/1755-1315/426/1/012147.
- [4] A. Wahyu Krisdiarto and L. Sutiarso, “Study on Oil Palm Fresh Fruit Bunch Bruise in Harvesting and Transportation to Quality,” *Makara Journal of Technology*, vol. 20, no. 2, p. 67, Aug. 2016, doi: 10.7454/mst.v20i2.3058.
- [5] Sushant Kumar, “SDLC - Iterative Model,” scaler.com. Accessed: Jun. 03, 2025. [Online]. Available: <https://www.scaler.com/topics/software-engineering/iterative-model-in-software-engineering/>
- [6] B. Priambodo, Suwandi, and E. Rosdiana, “RANCANG BANGUN ALAT PENGUKUR BODY MASS INDEX (BMI) BERBASIS KOMUNIKASI BLUETOOTH LOW ENERGY (BLE) KE PONSEL PINTAR SEBAGAI DISPLAY,” *e-Proceeding of Engineering*, vol. 6, no. 1, Apr. 2019.
- [7] A. Danang Subekti, I. K. Somawirata, and I. Ashari, “ALAT PENIMBANG BIJI-BIJIAN OTOMATIS MENGGUNAKAN SPEECH RECOGNITION

DENGAN BLUETOOTH BERBASIS ANDROID,” *Magnetika*, vol. 7, no. 2, pp. 142–158, 2023.

[8] W. Indani, A. Elisabet Lumban Gaol, and S. Wahyuni, “Sistem Pemantauan Berat Buah Kelapa Sawit Berbasis Internet of Things (IoT),” *Elementer*, vol. 10, no. 1, pp. 7–17, May 2024.

[9] M. Shudhuashar, “Sistem Pendataan Berat Badan Kambing Dengan Sensor Load Cell dan RFID Menggunakan Teknologi Cloud Computing Berbasis IOT,” 2022.

[10] A. Awidya Dwi Prabawa, “OTOMASI ALAT UKUR DAN PENCATAT OTOMATIS TINGGI DAN BERAT BAYI BERBASIS ARDUINO UNO,” Surabaya, 2018.

[11] I. Hanif, “APLIKASI SURAT PENGANTAR BUAH SAWIT BERBASIS ANDROID,” Yogyakarta, 2025.

[12] A. Jabbar, A. Ika Utoro, and T. Suparyanto, “PENGINPUTAN DATA BUAH KELAPA SAWIT DI TEMPAT PENGUMPULAN HASIL (TPH) BERBASIS SMARTPHONE,” 2025.

[13] A. Gladyawan Dwi Putra, “PEMBANGUNAN SISTEM INFORMASI BERBASIS PETA UNTUK PENGELOLAAN KEBUN KELAPA SAWIT DAN MONITORING PANEN,” Yogyakarta, 2018.

[14] A. NofiarAm and A. Pribadi, “SISTEM MONITORING TRUK KELAPA SAWIT MENGGUNAKAN GPS TRACKING BERBASIS WEBSITE,” *Jurnal Pendidikan Teknologi Informasi (JUKANTI)*, vol. 5, no. 5, Nov. 2022.

- [15] A. Pribadi, A. Nofiar, and D. Nurfitriani, "SISTEM MONITORING TRUK KELAPA SAWIT MENGGUNAKAN GPS TRACKING BERBASIS WEBSITE," *11th Applied Business and Engineering Conference*, Sep. 2023.
- [16] "Istilah Dalam Kebun Kelapa Sawit dan Juga Definisinya," Arvis. Accessed: Jun. 09, 2025. [Online]. Available: <https://www.arvis.id/insight/istilah-dalam-kebun-kelapa-sawit/>
- [17] "Pembukaan Lahan Kelapa Sawit, Apa Saja yang Perlu Disiapkan?," Arvis. Accessed: Jun. 09, 2025. [Online]. Available: <https://arvis.id/insight/persiapan-pembukaan-lahan-kelapa-sawit/>
- [18] "Global Navigation Satellite Systems (GNSS)," gps.gov. Accessed: Jun. 09, 2025. [Online]. Available: <https://www.gps.gov/systems/gnss/>
- [19] National Ocean Service (United States Government), "The Global Positioning System," National Ocean Service (United States Government). Accessed: Jun. 10, 2025. [Online]. Available: https://oceanservice.noaa.gov/education/tutorial_geodesy/geo09_gps.html
- [20] Bluetooth SIG, "Bluetooth Technology Overview," Bluetooth SIG. Accessed: Jun. 10, 2025. [Online]. Available: <https://www.bluetooth.com/learn-about-bluetooth/tech-overview/>
- [21] Bluetooth SIG, "Bluetooth 5.4 Specification," Bluetooth SIG. Accessed: Jun. 10, 2025. [Online]. Available: <https://www.bluetooth.com/wp-content/uploads/Files/Specification/HTML/Core-54/out/en/host/>
- [22] M. Afaneh, "How Bluetooth Low Energy Works: Advertisements (Part 1)," NovelBits. Accessed: Jun. 13, 2025. [Online]. Available: <https://novelbits.io/bluetooth-low-energy-advertisements-part-1/>

- [23] M. Li, “Understanding the Measures of Bluetooth RSSI,” MOKOBlue . Accessed: Jun. 13, 2025. [Online]. Available: <https://www.mokoblue.com/measures-of-bluetooth-rssi/>
- [24] Amazon AWS, “Apa itu API RESTful?,” Amazon AWS. Accessed: Jun. 13, 2025. [Online]. Available: <https://aws.amazon.com/id/what-is/restful-api/>
- [25] Mozilla, “The WebSocket API (WebSockets),” MDN docs. Accessed: Jun. 13, 2025. [Online]. Available: https://developer.mozilla.org/en-US/docs/Web/API/WebSockets_API
- [26] ApiLevels, “Android API Levels,” ApiLevels. Accessed: Jun. 19, 2025. [Online]. Available: <https://apilevels.com/>
- [27] Bloc Library, “BLoC Architecture,” BLoC Documentation. Accessed: Jun. 19, 2025. [Online]. Available: <https://bloclibrary.dev/architecture/>
- [28] Android Documentation, “Foreground Services Overview,” Android. Accessed: Jun. 29, 2025. [Online]. Available: <https://developer.android.com/develop/background-work/services/fgs>