DAFTAR PUSTAKA

[1] P. Rahayu, S. Sularno, and I. U. Sari, "Perancangan Sistem *Smart Home* Berbasis IoT Menggunakan ESP32 dan Aplikasi Blynk untuk Otomatisasi Perangkat Rumah Tangga," *J. Sist. Inf. Dan Inform.*, vol. 3, no. 2, pp. 95–100, 2025, doi: 10.47233/jiska.v3i2.2137.

[2] R. Gustia, M. Hasanah, W. Febriani, and A. Fradana, "Perancangan Smart Home Berbasis Iot Menggunakan Esp32 , Telegram dan Spreadsheet," pp. 695–700, 2025.

[3] I. Purwanto and M. Y. Hamdani, "Pemanfaatan Teknologi Internet of Things (IoT) pada Smart House untuk Mitigasi Kebocoran Gas dan Pengendalian Suhu pada Ruang Pemeriksaan Dokter di Klinik," *J. Minfo Polgan*, vol. 14, no. 2, pp. 3242–3251, 2025, doi: 10.33395/jmp.v14i2.15699.

[4] A. Fakhruddin, "Rancang Bangun Sistem Keamanan Pintu Rumah Berbasis Internet of Things Dengan Esp32 Dan Aplikasi Blynk," *E-Link J. Tek. Elektro dan Inform.*, vol. 19, no. 1, p. 53, 2024, doi: 10.30587/e-link.v19i1.7600.

[5] M. R. Al Faris and D. Irawan, "Rancang Bangun Smarthome Berbasis Haiwell Cloud Scada Menggunakan Esp32," *E-Link J. Tek. Elektro dan Inform.*, vol. 19, no. 2, p. 250, 2024, doi: 10.30587/e-link.v19i2.8756.

[6] H. Siahaan, "Rancang Bangun Sistem Pemantauan Suhu dan Kelembaban menggunakan Arduino IoT Cloud dengan ESP32," *J. Ampere*, vol. 10, no. 1, pp. 27–35, 2025, doi: 10.31851/ampere.v10i1.16511.

[7] A. Berlian Agustina, T. Ridho, and Pramono, "Simulasi Rancang Bangun Kontrol Jemuran dan Monitoring Suhu dengan ESP32 pada Wokwi dan Blynk," *J. Inf. Comput.*, vol. 2, no. 2, pp. 164–171, 2024, doi: 10.32493/jicomisc.v2i2.43389.

[8] W. A. Geovani and S. Islami, "Smarthome security system based on Internet of Things (IoT) using ESP32 Smarthome Internet of Things

ESP32 RFID Flame Sensor Blynk Corresponding Author," *J. Ind. Autom. Electr. Eng.*, vol. 02, no. 02, pp. 277–283, 2025.

[9] I. G. B. A. Pramana, L. A. S. I. Akbar, and C. Ramadhani, "Development of An IoT-Based Smart Home Prototype Using the Blynk Application," *J. Mech. Electr. Ind. Eng.*, vol. 7, no. 7, pp. 25–36, 2025, [Online]. Available: https://doi.org/10.46574/motivection.v7i1.424

[10] S. Nugroho, A. Wijaya, and R. Prasetyo, "Rancang Bangun Sistem Smart Home Berbasis IoT untuk Efisiensi Energi Listrik," *J. Tek. Elektro dan Inform.*, vol. 11, no. 1, 2022.

[11] L. Da Xu, W. He, and S. Li, "Internet of Things in industries: A survey," *IEEE Trans. Ind. Informatics*, vol. 10, no. 4, 2021.

[12] A. Al-Fuqaha, M. Guizani, M. Mohammadi, M. Aledhari, and M. Ayyash, "Internet of Things: A survey on enabling technologies," *IEEE Commun. Surv. Tutorials*, vol. 24, no. 1, 2022.

[13] M. S. Hossain and G. Muhammad, "Smart home applications based on Internet of Things," *J. Ambient Intell. Humaniz. Comput.*, vol. 14, 2023.

[14] S. Nugroho and R. Prasetyo, "Rancang Bangun Smart Home Berbasis Mikrokontroler," *J. Tek. Elektro*, vol. 11, no. 2, 2022.

[15] F. Rahman, A. S. Putra, and N. Aisyah, "Prototype Smart Home Berbasis Mikrokontroler dan IoT," *J. Inform. dan Sist. Kendali*, vol. 5, no. 2, 2023.

[16] E. Systems, "ESP32 Series Datasheet," 2023.

[17] Y. Pratama and H. Wibowo, "Pemanfaatan ESP32 dalam Sistem Smart Home Berbasis IoT," *J. Rekayasa Elektron.*, vol. 12, no. 1, 2024.

[18] A. Banks and R. Gupta, "MQTT Version 3.1.1," 2022.

[19] H. Siahaan, "Implementasi MQTT pada Sistem IoT Berbasis ESP32," *J. Ampere*, vol. 10, no. 1, 2025.

[20] R. T. Fielding, "Architectural Styles and the Design of Network-Based Software Architectures," *REST API J. Rev.*, 2021.

[21] D. Puspitasari and A. Santoso, "Monitoring Suhu dan Kelembaban Menggunakan Sensor DHT11 Berbasis IoT," *J. Elektron.*, vol. 9, no. 1, 2022.

[22] A. Wijaya and S. Nugroho, “Pengendalian Beban Listrik Menggunakan Relay Berbasis Mikrokontroler,” *J. Tek. Elektro*, vol. 12, no. 2, 2023.

[23] M. Hidayat and A. Prakoso, “Implementasi Motor Servo dan Solenoid sebagai Sistem Keamanan Pintu Otomatis,” *J. Sist. Kendali*, vol. 6, no. 1, 2024.

[24] R. Kurniawan, “Perancangan Miniatur Bangunan Berbahan Akrilik sebagai Media Simulasi,” *J. Teknol. Manufaktur*, vol. 8, no. 2, 2021.

[25] Arduino, “Arduino IDE User Guide,” 2023.

[26] Autodesk, “AutoCAD User Documentation,” 2022.

[27] A. Saputra and F. Ramadhan, “Pengembangan Dashboard IoT Berbasis Laravel,” *J. Sist. Inf.*, vol. 14, no. 1, 2024.

[28] J. Hernandez, “Flowchart and System Modeling Using draw.io,” *Int. J. Eng. Tools*, vol. 7, 2021.

[29] Microsoft, “Visual Studio Code Documentation,” 2023.

[30] L. Santoso and B. Wijanarko, “Pengelolaan Basis Data IoT Menggunakan MySQL dan Navicat,” *J. Basis Data*, vol. 5, no. 2, 2024.