[1] J.-S. Lee, Y.-W. Su, and C.-C. Shen, "A Comparative Study of Wireless Protocols: Bluetooth, UWB, ZigBee, and Wi-Fi," in *IECON 2007 - 33rd Annual Conference of the IEEE Industrial Electronics Society*, Nov. 2007, pp. 46–51. doi: 10.1109/IECON.2007.4460126.

[2] S. Al-Sarawi, M. Anbar, K. Alieyan, and M. Alzubaidi, "Internet of Things (IoT) communication protocols: Review," in *2017 8th International Conference on Information Technology (ICIT)*, May 2017, pp. 685–690. doi: 10.1109/ICITECH.2017.8079928.

[3] R. Faragher and R. Harle, "Location Fingerprinting With Bluetooth Low Energy Beacons," *IEEE Journal on Selected Areas in Communications*, vol. 33, no. 11, pp. 2418–2428, Nov. 2015, doi: 10.1109/JSAC.2015.2430281.

[4] D. Han and J. Lim, "Smart home energy management system using IEEE 802.15.4 and zigbee," *IEEE Transactions on Consumer Electronics*, vol. 56, no. 3, pp. 1403–1410, Aug. 2010, doi: 10.1109/TCE.2010.5606276.

[5] J. C. Haartsen, "The Bluetooth radio system," *IEEE Personal Communications*, vol. 7, no. 1, pp. 28–36, Feb. 2000, doi: 10.1109/98.824570.