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Arduino Mega 2560 Platform -- BE-AI: A Beaconized Platform with Machine Learning Capabilities -- Ehealth Mobile Application Using Fitbit Smartwatch -- Experimental Research upon Neutralisation with Ozone of Chemical and Microbiological Pollutants from Sewage Wastewater -- Integrating Iot in Educational Engineering Application Development - an Emerging Paradigm.

Sommario/riassunto	This book gathers the proceedings of the 8th International Conference on Advancements of Medicine and Health Care through Technology, MEDITECH 2022, held virtually on 20–22 October 2022, from Cluj-Napoca, Romania. It reports on both theoretical and practical developments in biomedical imaging and image processing, health technology, technologies for education, and biomedical signal processing and medical devices, measurements and instrumentation. Both the conference and the realization of this book were supported by the Romanian National Society for Medical Engineering and Biological Technology (SNIMTB).