

Design of a monitoring and control system for the instant coffee production line

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Abstract: In the context of increasing demand for instant coffee product quality, this project aims to design an automatic monitoring and control system for the production line. By integrating IoT and AI technologies, the study will address the issue of uneven production process control and improve work efficiency. The approach includes theoretical analysis of the coffee processing procedure combined with experimental implementation in a production facility. Expected results confirm the applicability of the system, contributing to enhancing the competitiveness of the coffee industry.

Keywords: IoT, AI, automatic monitoring, coffee production line, quality management