

Building an automatic vending machine

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Abstract: This topic aims to meet the demand for convenience and automation in small retail business operations by building a Vending Machine system. Through theoretical research on sensor technology, signal transmission, and artificial intelligence, combined with practical application deployment, we aim to design and manufacture a product that can operate independently, providing a variety of items according to customer requests. The expected results will significantly contribute to improving traditional sales processes while enhancing business performance for small enterprises.

Keywords: vending machine, sensor, artificial intelligence, practical application