

Building a Supermarket Management Application

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Abstract: In the context of the strong development of information technology, effective supermarket management has become more urgent than ever. This topic aims to build an application system to optimize inventory management, sales, and operations in supermarkets. Through theoretical research combined with experimentation, the topic applies modern technologies such as AI and IoT to improve supermarket operational performance. Experiments are conducted to verify the feasibility and effectiveness of the system. Expected results bring convenience to management staff and customers while enhancing the competitiveness of supermarkets in the current market.

Keywords: Supermarket Management Application, AI, IoT, Warehouse Management System, Operational Optimization