

Research on Java Swing technology, application for building sales management software at supermarkets.

Ly Van Minh

Abstract: This topic aims to research and deploy a sales management software application using Java Swing technology in a supermarket environment. The practical context shows that effective sales management is necessary to improve work productivity and optimize profits. The objective of the topic is to develop a software system that supports automated sales management, thereby helping sales staff quickly process orders, control inventory, and handle cashier operations. The research method includes synthesizing knowledge about Java Swing, designing an intuitive and efficient graphical user interface (GUI), then deploying the application and conducting practical tests in several supermarkets. The expected result is to provide a flexible software solution for sales management, contributing to improving the shopping experience for customers and increasing the operational efficiency of the business.

Keywords: Java Swing, sales management, application software, supermarket