

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

GRADUATION THESIS

**Design a system to manage and support sales of
technology products**

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ABSTRACT

In today's modern society, the technology industry is rapidly evolving, leading to an increase in the number and diversity of technology products. However, managing and supporting the sales of these products still pose significant challenges. Moreover, many retail stores, especially smaller businesses, still do not have their own online sales platforms, making it challenging for them to effectively promote their products and reach a wider customer base.

To address the challenges posed by the rapidly evolving technology industry and the increasing diversity of technology products, a sales support and management system is being designed and developed for the business. The primary objective of this system is to enhance operational efficiency and expand the store's online presence. By integrating features for inventory management, customer management, order management, and post-sales support services, the system aims to streamline various aspects of the business operations and improve customer experience. Additionally, the solution involves developing a user-friendly management interface for sales staff, enabling them to efficiently monitor inventory, manage customer information, and process orders.

To achieve these goals, the project aims to build a comprehensive sales management website system, utilizing Angular to handle the front-end interface. Subsequently, the back-end will be constructed using ExpressJS. Finally, MongoDB will serve as the database repository to store and manage the valuable data.

After completing the design and development process, the system has successfully built the fundamental features of a sales system, encompassing functionalities related to the buyer's shopping experience and support functions for sellers such as inventory management and order processing.

Student implement

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