

# **Research and development of a salary accounting subsystem management program at Bac Lang Coal Trading Company, Bac Ninh Province**

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**Abstract:** This topic aims to research and develop a payroll accounting subsystem management system suitable for the actual operations of Bac Lang Coal Trading Company. The selection of this topic is to meet the increasing demands for effective human resource management in the coal mining industry. The main objective is to build an automation solution to optimize the payroll management process, minimize errors, and enhance the quality of the enterprise's financial management. The research methodology includes analyzing existing systems, designing an intuitive user interface, and deploying the software in the company's real-world environment. The expected evaluation of results will demonstrate the effectiveness of this solution through improved accuracy and processing speed of payroll-related information.

**Keywords:** Salary management, personnel accounting system, financial administration automation, coal trading company