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INDEPENDENT STUDIES
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Develop a Stock Control Application for Hock Heng Huat Ltd. Co.

by

Lee Ying Huay (049378831)
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ABSTRACT

This project is about developing a stock control application that is tailor-made for Hock Heng Huat Ltd. Co. with the aim of improving the efficiency of the company stock control. This company deals with wholesale and retail selling of fish meal. Currently, the stock control system of the company is running manually. In this project, the business processes of the company are studied. Also, the user requirements and business problems related to the current stock control system are investigated as well.

In developing the application, Microsoft Visual Basic .NET is used as the program coding, whereas Microsoft SQL Server is used as a database where the company data are stored. For the system development methodology, this project employs a mixed of both the Rapid Application Development (RAD) and Rational Unified Process (RUP) methodology.

The main functions developed for the proposed application include monitoring stock transaction (i.e. stock in and stock out), managing details of item, customer and supplier, generating invoice, purchase order and report. It is expected that the implementation of the proposed application will result a more systematic stock management, therefore, reducing the cost of transaction and raising the business profit of the company.