Bahria University

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FINAL YEAR PROJECT REPORT

SUPPLY CHAIN MANAGEMENT SYSTEM FOR FEROZE TEXTILE 1888 MILLS

In fulfillment of the requirement
For degree of Bachelors in Computer Science (BS-CS)

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SUPPLY CHAIN MANAGEMENT SYSTEM
FEROZE TEXTILE MILLS

ABSTRACT

Textile is the main and biggest sector of Pakistan which helps in boosting up the economical conditions of our country. After independence our country's economic and textile sector was slothful but after sometime it started to recover and start contribution in the economics of Pakistan. In 1990s its contribution was about 9.5 % of GDP, as improvement and contribution continues from 2003 – 2007 it was recorded textile sector contributes 7.0 %, 7.5 % annually in Pakistan's GDP.

Textile sector hold a very important position in the exports of Pakistan. It is said that Pakistan holds eighth position in the textile sector of South Asia nevertheless still follow conventional method of business and production which is now becoming sour thumb for the industry. This industry sector fails to adopt the current and growing automated supply chain system therefore had to face serious issue in their organizations such as inappropriate usage of the resources, greater utilization of capital and extensive using of storage areas which requires a lot of space and also costs a lot. Therefore we established and implemented a fully functional and automated supply chain system that would help in further and speedy development of this sector so that it can contribute at its fullest in the economy of Pakistan and export sector.

The main purpose of developing this project is to develop a complete automated supply chain system for a renowned textile firm Feroze Textiles, where as the order is placed the system will generate the total cost of each product, generation of work order assigned to each production department and delivery date by self-calculations and programming algorithms used at the back end. That will be accomplished using oracle and Asp.net as front and backend tools.

We have intended to develop a structure consisting of six modules that would work co-ordinately for the betterment of the industrial sector it would make sure that revenue is increased, production cost and wastage of any sort of resources is reduced. Our system will manage the inflows and outflows of the entire production with maintenance of the finances involved in the manufacturing of products. Main idea of the project was to enable the company maintain client-server application for security and to reduce data redundancy, availability of information and system automation to reduce the wastage of resources.

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