

# **6BUIS020C – Final Year Project Report**

## **FONRIVEN – Suppliers and Retailer coordination system**

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## **Abstract**

In recent past of Sri Lanka, there was a severe economic crisis which affected the entire country along with the restrictions and regulations in imports caused a great downfall in the economy. Focusing on the textile industry, the organization like retailers, wholesalers and garment factories was not able to continue their operations due to lack of raw materials, even though there were small scale suppliers with stocks located in the non – urban parts of the country where the purchasers could not locate without a middlemen which was the major problem.

The aim of this project is to analyse the problem of the purchasers not being to find out their particular suppliers with adequate raw materials to design, develop, test and evaluate an application that would make the purchasers search and find for their supplier or materials throughout the country.

As a result of the research, an application was developed in order to connect the buyer and suppliers of specifically the textile industry. Questionnaire and interview were the requirement elicitation technique and other techniques like iterative approach, project management technique and agile development approach was chosen as the software development technique.

A working prototype was successfully implemented with the functions that were listed in the system requirements elicitation including the processes of design, development and testing.