**Project Context**

SMC is one of the top schools in the Philippines offering Basic Education and College. They are supervised by Southville International School and Colleges, a school with international character with international accreditation from the Western Association of Schools and Colleges, U.S.A. An “English speaking community with updated curriculum that is on a par with international curricular and industry standards, "South Mansfield College is a School of Choice:   
C - Competent teachers and staff   
H - Highly-innovative educational program   
O - Outstanding learning methodologies   
I - International curriculum   
C - Caring and loving school environment   
E - English Speaking Community, Excellent Facilities, E-learning classrooms   
  
The school provided its own inventory resources for students to sustain their requirements like uniforms, books, etc... Southmansfield inventory system aims to rid students the hassle looking for their needs and to flexibly handle the flow of each transaction.

**Business Case**

As time pass by, the school's community is expanding thus more transactions are handled every day. The main problem of their inventory system is to cope up with the rapid growth of students who walks-in in their shop to buy the requirements such as books, uniforms, etc...

**Purpose and Description**

The project aims to provide an integrated real-time inventory report for the management team, providing Students and the management a hassle-free communication standpoint. The proposed project will be implemented via web application services. The admin will be able to flexibly manage the inventory through a web application.   
  
A database used for storing and administering all types of data required for efficient and accurate warehouse inventory management. This may include modules or fields for keeping track of all items and locations, requisitions, back orders, required levels of inventory on hand, reorder points, lead times, inventory error tracking, and more. This type of system may interface with an ERP and other applications.   
  
Inventory Management must be designed to meet the dictates of the school’s Strategic Plan. The many changes in the market demand, new opportunities due to worldwide marketing, global sourcing of materials and new manufacturing technology means many companies need to change their Inventory Management approach and change the process for Inventory Control.   
  
Inventory Management system provides information to efficiently manage the flow of materials, effectively utilize people and equipment, coordinate internal activities and communicate with customers. Inventory Management does not make decisions or manage operations, they provide the information to managers who make more accurate and timely decisions to manage their operations.