PROBLEM STATEMENT

Problem Description:

Major market movers have access to enterprise version softwares for inventory management and small time retailers do not have a long supply chain hence they do not prefer softwares of that kind, there are not many retailer friendly IMS for small time retailers.

Problems Faced Currently:

Inventory and routing management:

- There is a lag in data flow between various assets of the organization.

Resource Forecasting:

- Retailers when ordering their stockpile they order the wrong or goods that are not required for this quarter of the year.

Inventory Data Entry:

- The retailers are used to manually entering the data in their ledger and there are a lot of human errors in that which leads to lots of wrong sourcing and delivery of products.

PROPOSED SOLUTION: A web application is designed to address the above mentioned issues with the following functionalities:

1) The web application will ask retailers to create their accounts by providing essential details. Retailers can access their accounts by logging into the application.

2) Retailers can add products since it consumes less amount of time than manual entry.

3) Once retailers successfully log in to the application they can update their inventory details, also users will be able to add new stock by submitting essential details related to the stock. They can view details of the current inventory.

4) An alert is sent automatically by the inventory management system if the stock left count reaches a threshold value and as soon as the alert is received, the stocks required are ordered and as a result pausing of sale is avoided.

5) A simple E-commerce web page is developed to check the stock management.

6) We can order the new products from a particular retailer.