# Shop management system

## *Introduction:*

With the advancement of technology, manual information handling has become tedious, in- effective and is more subjective to human error. The proposed system will digitize all aspects of an information system it will help a retailer to keep track of the stock currently present in inventory, staff and sales record.

### *Scope:*

The system would be an Desktop application which will provide the user an effective way to handle their day to day business activities. The proposed system will allow the user to access all the data related to the staff, sales, suppliers and inventory in an easy to use and interactive user interface.

## *Functionalities:*

#### **Manage Inventory:**

The user can keep track of the items currently present in stock, retail price and cost price per item. New records can be added and deleted as well. The intended system would also issue alerts for low stock level for an item.

#### **Manage Staff:**

Our system allows the user to add, delete as well as to view the staff with their individual roles, salary, date of joining and date of leaving.

#### **Manage Sale records:**

Our system will keep the sales records allowing the user to view these records on daily, weekly and monthly basis.

#### **Manage Suppliers:**

The system would also keep records for suppliers, the admin user can update, view as well as delete these records.

## *Feasibility report*:

#### **Technical Feasibility.**

This system uses

* + C# for the frontend desktop application.
  + SQL or MySQL for the backend database.
  + Visual Studio 2015.
  + SQL Server.

#### **Financial Feasibility:**

The system will be developed as a desktop application on my personal laptop. Using free version of MS Visual Studio 2015.

#### **Resource Feasibility:**

* + Personal Laptop
  + MS Visual Studio Community Edition 2015.
  + SQL Server/ MySQL.
  + Internet Access.

#### **Operational Feasibility:**

The system is based on real world implementation and solves the problem of manual/ filing information handling.

#### **Assumptions:**

The system has the following dependencies:

* + Internet access.
  + Computer System with MS Windows operating system.