System Study

   System analysis is a process of gathering and interpreting facts, diagnosing problems and the information to recommend improvements on the system. It is a problem-solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analysing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. It does various feasibility studies. In these studies, a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

Existing System

The present scenario for shopping is to visit the stationery shops and market manually and then from the available product list one needs to choose the item he or she wants and then pay for the same item mainly in cash mode is done. This system is not much user-friendly as one needs to go to the market physically and then select items only from the available list. So mostly it is difficult to get the product as per our desire. Also, not really good markets exist everywhere.

In manual system, people have to visit one shop to another to buy the items they want. This can be exhausting and time consuming. Stationery shops are so crowded that you can barely walk especially when it's the time school shopping.

Drawbacks of existing system

- Description About the products is less available and are mostly verbal only.
- Time consuming
- Good markets become out of reach for certain people.
- Lack of adequate storage facilities.
- Less user friendly.
- Payment is mainly in cash mode.

Proposed System

The proposed system is defined to meets all the disadvantages of the existing system. It is necessary to have a system that is more user friendly and user attractive for growth of service center; on such consideration the system is proposed. In our proposed system there is admin who can view all the customers. It allows customers to make their shopping and do their transactions by using online payment method. Users of this

proposed system are admin and customer. The software application which avoids more manual hours that needs to spend in record keeping and generating reports. This application keeps the data in a centralized way which is available to all the users simultaneously. It is very easy to manage historical data in database. No specific training is required for the distributors to use this application. They can easily use the tool that decreases manual hours spending for normal things and hence increases the performance. It is very easy to record the information of online sales and purchases in the
Databases.

In the proposed system customers need not go to the shops for purchasing the products. He/she can order the product he/she wishes to buy through the use of this system. The shop owner can be the admin of the system. The system also endorses a home delivery system for delivering the purchased products. The proposed system automates the functionalities of a stationery store. The Website is very useful where the buyer can directly buy the products from home via internet using mobile or computer.
Available 24 hours day and is very user-friendly. One of the most enticing factors about SchoolKart, Particularly during back-to school shopping time is, it alleviates the need to wait in long lines or search from a store for a particular item. By this online shopping the product is directly delivered to customer home. SchoolKart offer supplies from the best brands alongside the experience of owing precious stationery.

Advantages of proposed system
- Available 24 hours day and is very user-friendly.
- Saves cost and time.
- Easy to order
- Simple Registration Process
- Online payment/Cash on delivery options provide.
- Category wise Shopping Options.
- Save time and travel expense to buy your daily needs.
- Report Generation

The proposed system has been identified with the following users and modules:

Users
- Customers
  - ➢ Can **Log In/Log Out** of the system.
  - ➢ Can register.
  - ➢ Can Manage **"My profile"**.
  - ➢ Can search for Stationery items.
  - ➢ Can search for specific products using their brand names, types, etc.
  - ➢ Can wishlist/add to cart

- Users can **Place/Cancel** an order.
- Can make payments online.
- Can change password.

- Admin
  - Can **Log in/Log out** of the system.
  - Admin can **View/Edit/Delete** Stationery items and their details.
  - Can **View/Edit/Delete** categories into the system.
  - Admin can track sales activity.
  - Can check payments.
  - Can change prices of products.
  - Can manage user details.
  - Can manage **"Profiles"**.

- Seller
  - Login./Logout
  - Register
  - Add item and their details
  - Add category
  - Manage product/order
  - Check sales

Modules

Admin Module: This module will allow Admin to log in to the system and manage the system and its functions. Admin can Add/Remove/Update Stationery, manage categories, details, and availability, can manage users, payments, etc.

User: The user can log in/ log out to the system using the registered name and password. Users can manage their profiles and purchase history.

Seller: The seller can login/logout to the system using the registered name and password. Seller can sell their products through this system.

Order: All the order-related operations can be managed in this module. Users can order the Stationery with the help of this module.

Category: In this module, Stationery items can be categorized accordingly.

Sales & Stocks Module: This module will allow the admin to keep records of the number of items that have been sold and track all the sales activities. Admin can Add/Remove/Update stocks with the help of this module.

Details of User: Details of a User like a Name, Contact Number, and Purchase history can be managed with this module.

Payment Module: All the operations related to payments can be managed in this module.