Product Maintenance System

OBJECTIVE:

This application is an Online Website for an Organization. It is a virtual showcase for different types of products like Books, popular music, DVD, Apparel, Toys , Computers, sports, Software, HealthCare, Jewellery , Kids Ware etc. The main aim of this project is to make Online shopping very easily. The Special thing about this project is it provides different types of products to purchase.

- A shop application used by customers to buy your products.
- An Administration application to enable you to manage your store.
- Many Customization and Extension features - allowing you to customize and extend.

Purpose

The main purpose is get the feedback of the product and can improve the product.

Scope

The scope of this project is to select a product and post its comments or its complaints to the company.

Benefits

Finally, in this project we have to concluded that online system is better than that the manual system. In the previous system admin maintain the files or records so in this we have less security and mismatching of data files, maintaining all the information's in records so it is difficult. If they want any record they have to search all the records by manually. If admin want to add any product he enter into the file or record but when he want to search that particular product details in the records or files it is very difficult process and time can be taken more. So we have to go for proposed system that is online system in this each and every work done by online system so time can be taken less and more security and no mismatching of data.

BACKGROUND:

In this project we are discussing about the product maintenance of an organization .in this project admin can add the users, find the users and also be add product details, find product details and add suppliers, find suppliers and he can check the enquiries by using the online system. In the previous system is a manual one so every work is done by manual, in the manual system there is no security to all information about product details, user details and supplier details because we maintain only records or files to store the data. When we want to retrieve a particular product details it cannot be get easily because search all the records or files. Risk of mismanagement of data when the project is under development, In the manual system time can be taken more, Mismatching of data in files, Maintaining all the information's in records so it is difficult. If they want any record they have to search all the records by manually. So these cause of reasons we go for online system in this we maintain database and store all the information about products, users and suppliers, it is more security for data, no mismatching of data, This system provides easy access to the particular information.

Existing System

1.   The existing system is a manual one so every work is done by manual.

2.   In the manual system there is no security to all information.

3.   Risk of mismanagement of data when the project is under development.

4.   In the manual system time can be taken more.

5.   Mismatching of data in files.

6.   Maintaining all the information's in records so it is difficult. If they want any record they have to search all the records by manually.

Proposed System

1.   In the proposed system we maintain the database by using system.

2.   More security.

3.   No mismatching of data.

4.   This system provides easy access to the particular information.

Future Enhancements

The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Improvements can be appended by changing the existing modules or adding new modules. One important development that can be added to the project in future is file level backup, which is presently done for folder level.

• The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.

• Training for simple computer operations is necessary for the users working on the system.

• We have to improve its GUI part to provide more attractive features to the user.

Maintenance

The objectives of this maintenance work are to make sure that the system gets into work all time without any bug. Provision must be for environmental changes which may affect the computer or software system. This is called the maintenance of the system. Nowadays there is the rapid change in the software world. Due to this rapid change, the system should be capable of adapting these changes. In our project the process can be added without affecting other parts of the system. Maintenance plays a vital role. The system liable to accept any modification after its implementation. This system has been designed to favor all new changes. Doing this will not affect the system's performance or its accuracy.

FUNCTIONAL REQUIREMENT:

The system after careful analysis has been identified to be presented with the following modules:

In this project we have 2 modules are included they are

1. Administrator
2. User

Administrator:

In this module administrator have username and password with this he can enter into the admin home page and he can add the users and find the users, add the suppliers find suppliers, add products find products, add product class find product class and manage administration like manage country, manage state, manage city, manage status and he can check enquiries from users and he can view product reports and view suppliers reports.

User:

In this module users have username and password with this he can enter into the users' home page and they can update their profile, change old password to new password and users can add suppliers, find suppliers, add products, find products, add product family, find product family, add product class, find product class, and users can view product reports and suppliers reports and users can send enquiries to the admin.

NON-FUNCTIONAL REQUIREMENT:

Scalability - The system can be scalable from small to a large business.

Availability – This management system will be available for 24*7 hours. It is a web based application and runs on the IIS server.

Usability – This system is very user-friendly. The UI design uses the HTML (Hyper-text markup language), CSS (cascade style sheet) for making the very user friendly design. Anyone can easily use this system with minimal training of work flow in it.

Security requirement - The system should take care of all required security of data and intellectual property of the organization. It have SSL security feature in it. And there will be login facility with password protection.

No repetition - The system does not allow duplication of stored information.

Economical – No addition hardware and softer infrastructure is needed. Since the operations are simple and easy to handle no special training is needed. The system finally provides an extensive customer support package.