**Web Portal for Perfume Manufacturers – “Aroma Bouquet”**

Develop a Web Portal for a renowned Perfume Manufactures of Lucknow. This portal provides a web platform to display information about all the products manufactured by “*Aroma Bouquet”.* There are proper well defined categories for all the products. The Portal would also provide a platform for sale and purchase of all the manufactured products over the intranet. The system integrates the ease and convenience of the virtual environment for home shopping and payment without the compromising with the security.

**Proposed System:**

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

* User Friendliness is provided in the application with various controls provided by system Rich User Interface.
* The system makes the overall discussion management much easier and flexible.
* It can be accessed over the Intranet.
* The user information files can be stored in centralized database which can be maintained by the system.
* This can give the good security for user information because data is not in client machine.
* Authentication is provided for this application only registered members can access.

This Web Portal intends to provide an online portal for displaying all manufactured product information category wise. It also provides the platform for sale and purchase of various products over the internet. The portal will manage the data of all the registered customers and their shopping.

The customers need to register themselves first before they do shopping using the web portal. However, everyone, whether registered or not, can view the various products along with the prices listed in the portal.

The registered customers, after logging in, are allowed to place order for one or more products from the products listed in the portal. All the selected products are moved to the shopping cart, from where a customer can place the final order after submitting the required details.

Once the order is placed, the customer gets a reference order number and the order status should be “order in process”.

The customers can track their order using the given reference number.

The web portal incorporate payment gateway to facilitate online payment. The portal also maintains a wish list of the products for future purchase, in which a customer is interested.

The user also has the facility to buy e-Gift vouchers.

The System also includes SMTP Server Configuration for E-mailing newsletters, notifications, etc. to registered customers.

There will also be a report generation module that will generate various reports related to each module.

**Modules:**

1. User Authentication Module
2. Interface Development
3. Digital Shopping Cart
4. Payment Gateway
5. Wish List
6. SMTP Server Configuration
7. e-Gift Voucher
8. Mailing List
9. Search Module
10. Search Engine Optimization (SEO) Module
11. Report Generation

**HARDWARE REQUIREMENTS:**

* Processor: Intel Pentium or More
* RAM: 1 GB Ram
* Hard Disk: PC with 20GB

**SOFTWARE REQUIREMENTS:**

* **Operating System Server:** Windows XP or later
* **Database Server:** Microsoft SQL Server-2008
* **Client:** Microsoft Internet Explorer
* **Tools:** Microsoft Visual Studio .Net-2010
* **User Interface:** Asp.Net with Ajax
* **Code Behind:** VC#.Net