**ONLINE FURNITURE SHOP (FIRHOMES INTERIOR)**

**Objective:**

An online shopping system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers. The online shopping system presents an online display of an order cut off time and an associated delivery window for items selected by the customer. The system accepts the customer's submission of a purchase order for the item in response to a time of submission being before the order cut off time. The online shopping system does not settle with a credit supplier of the customer until the item selected by the customer is picked from inventory but before it is delivered. Therefore, the customer can go online and make changes to the order. In addition, available service windows are presented to the customer as a function of customer selected order and service types and further, the order picking is assigned in accordance with a picker's preference. When ordering goods, many shopping systems provide a virtual shopping cart for holding items selected for purchase. Successive items selected for purchase are placed into the virtual shopping cart until a customer completes their shopping trip. Virtual shopping carts may be examined at any time, and their contents can be edited or deleted at the option of the customer. Once the customer decides to submit a purchase order, the customer may print the contents of the virtual shopping basket in order to obtain a hard copy record of the transaction.

**Business Requirement:**

Product: Product list to be maintained to display the details of the products to the customers.

Users: This system will have the information about the Users who is registered with the site. They can view and purchase the products.

Administrator: Administrator will have facility to add, delete, and modify products and he can view the order details, Sales Reports also.

Shopping Cart Shopping cart contains the items that a user has selected for buying. The shopping cart page of the Shopping application will display a list of products selected by the user. User can add the items to their wish list by clicking the check box next to the items and then clicking on the add to wish list button, they can also specify the quality of the items.

Order: Order will have the products chose by the customers

**Software Requirements:**

Operating System : Windows XP/7

User Interface : HTML, CSS

Client-side Scripting : JavaScript, JSTL

Programming Language : Java with Spring, Hibernate & Apache Tiles

IDE/Workbench : My Eclipse

Database : MYSQL

Server Deployment : Tomcat

**Hardware Requirements:**

Processor : Pentium IV or above

Hard Disk : 40 GB

RAM : 512 MB or more

**Module Specification:**

**Admin**

Admin is responsible to add various type of furniture to the portal based on different categories and price. Admin can view list of furniture available into the database and also he can view list of order placed by the customers. admin is responsible to adding Employees.

* Login for admin
* Forgot password for admin
* Edit profile for admin
* Manage Employees
* Adding employees
* Editing Employee details
* Listing Employees
* Filter and search employee
* **View Client/User**
* View profile of the client
* Listing of all client
* Filter and search client
* **View products**
* Manage products
* Manage offers
* Manage price
* View details of the products
* Listing of all the products
* Filter and search products
* **Manage the category**
* Add category
* Edit category
* Listing of the category
* Filter and serach category
* **Manage sales**
* View sales history
* View customer purchases
* filter and search sales
* View Order.
* View feedback

**Manager**

This contains the complete information about the stock present in the cart with respect to their available stock, sold stock, new stock when purchased, details of the exchanged stock(if a customer returns) , add the products , add the users And generate bill for particular client.

* **Login for manager:**

Login page is provided for manager so that he can login and perform functions for which he is appointed.

* **Forgot password for manager:**

If the manager forgets his password then this will help him reset his password

* **Edit profile for manager:**

The manager can edit his/her information.

* **Manage Customer**
* **Adding new customer:** The manager can add a new customer.
* **Edit the existing customer:** The manager can edit the customers information.
* **View profile of the customer:** The manager can view customers profile.
* **Listing of all customer:** The manger has access to all customers list.
* **Filter and search customer:** The manager can search any customer.
* **Manage products**
* **View details of the products:** The manger can view all the products information in detail.
* **Listing of all the products:** The manger can view all the products list.
* **Filter and serach products:** The manger can search for any products in the list.
* **Manage sales**
* **View bill:** The manager can view the invoices.
* **View sales history:** The manager can view all sales.
* **View customer purchases:** The manager can view order or invoice information in detail.
* **Filter and search sales:** The manager can search and view any order or invoice information in detail.
* **View Order:** The manager can view all orders list and can also get detailed order information.

**Client**

First user has to register to the portal by giving his name, address, phone number etc. After registration he can log in to the portal by providing his username and password. User can view list of available furniture with the proper description and cost. User can search the furniture based on different categories. Also user can search the furniture by giving the price range and category, and system will display all the products of that particular category come under the price given by user. User can select and book his desire product by paying the amount by debit/credit card option. Admin is responsible to deliver the product to his address.

* Request for Registration.
* Log in to portal
* Forgot password for client
* Change password for client
* Manage profile.
* View category.
* View product.
* Product add to cart
* Track the order of products.
* Give feedback.

**User**

These are the users who goes to the shop for the purpose of shopping. They can view all the products in the cart. They can also modify their personal details in the application **User** database. They have right to choose any payment option.

* Go to the shop and buy the products.

Advantages

* Helps furniture shops to automate furniture selling online.
* Helps furniture shops to take cc payments.
* Provides email confirmation on payment success.