

12/19/2012



ITFLEXSOLUTIONS

ECOMMERCE SITE LIKE- GRAINGER.COM

Developed by : IT Flex Solutions | www.itflexsolutions.com

*Please note that this is not a final proposal only an estimate of the time and type of work for your website

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INTRODUCTION:-

The scope of the project is to develop the Ecommerce website from the scratch like grainger.com
The functionality should be based upon the newer version and entirely independent to the other system.

This site will be developing with PHP program language and data bases managing system MySQL.

This site has two panels,

- **User Panel**
- **Admin Panel**

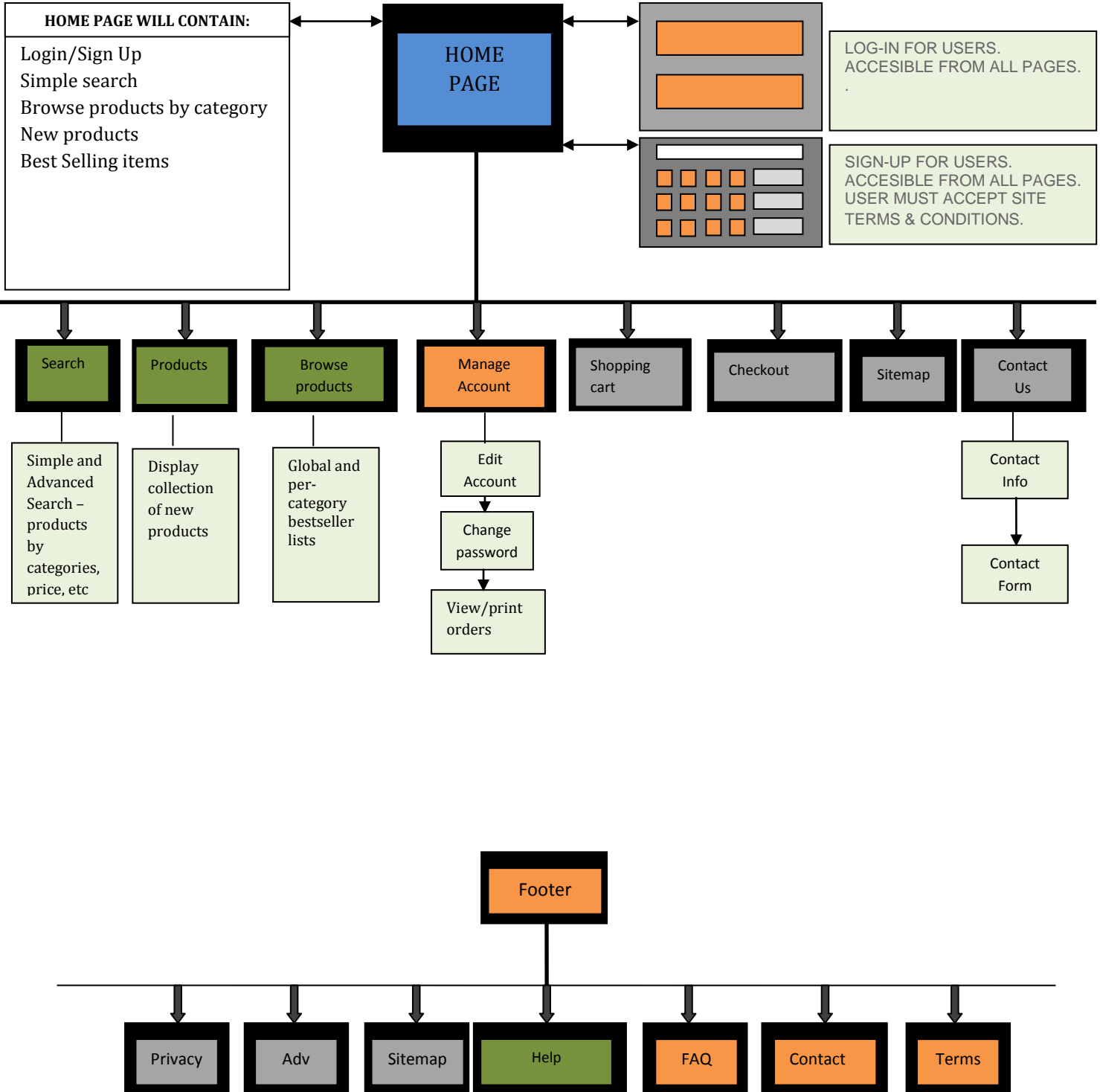
TEAM SIZE:-**Developer - 1****Designer - 1****Total Size - 2****COST & TIMEFRAME:-****Cost - 900 \$ approximately (design, development, testing, implementation and support)****Timeframe - 35 days**

- 30% upfront payment
- 30% after completing the design
- 30% after completing the development (At this stage, the project will be ready for beta launch)
- And Balance on launching the site live in your site

TECHNOLOGY:-

1. Linux
2. Apache
3. My SQL
4. PHP
5. jQuery & Clean CSS
6. Magento

Ecommerce website | SITE MAP



SITE FUNCTIONALITIES:-

Storefront Features:

- a) Best Selling Item – display best selling item in the homepage(optional)
- b) Display collection of new products on your homepage
- c) Simple and Advanced Search – Search products by entering the categories, art forms, price and other related keyword.
- d) Login: Centralized Login system.
- e) Forgot Password: The password will be mailed to the customer in a secured manner.
- f) Category Preview - view a collection of products in a given category.

Member Registration:

In the proposed system, the customer will be registered after submitting the following information, (First Name, Middle Initial, Last, Box Office #. P.O Box #, City, Country, Home Tel #, Home Fax #, Office Tel #, Office Fax #, Mobile #, E-Mail address.)

Sales order:

Customers will be able to purchase a selection of products. They would also manage their product orders etc from their account log in. The quotes should be handled through admin sales staff and communicated by Email/telephone, customers should know the delivery date, product stock and reserved stock etc., The orders must be generated either website or administration back.

Products and Category:

The customers can browse through more number of categories and products. Each category will have collection of products showing product title, price, and image as well as include a brief synopsis of the product.

Shopping Cart Features:

The customers can select the product either by browsing through category or by advanced search. The customers can view the detailed description of the product and add the product to the shopping basket by clicking the “Add to cart” or “Buy Now” button. There will be an option for customers to edit/delete the product from the shopping cart before moving towards the billing section.

Email Features:

- a) Email order confirmation to customer
- b) Email order notification to the site owner.
- c) Email newsletters / notices to all selected customers from the admin interface.

Order Management:

The registered customer in the site can view their order history in details and track the status of their order. They would also manage their product orders etc from their account log in.

Payment Gateway Integration:

The cart will handle the credit card type of payment. Payment Gateway will be used to handle the credit card processing. The user can check out their payments through Bank Transfer, cheque , over the phone, customer credit account etc.,

Tracking and alert systems:

The portal will keep track of the following elements,

- a) Order notifications
- b) New member Registrations

Security Features:

Supports Secure Socket Layer. SSL is a communications protocol to send order information in a secure manner to the payment gateway you are using.

- a) Information the cart needs in order to maintain the flow of the application is temporarily stored on the web server using sessions, not using cookies.

Admin control panel:

The site administrator is the responsible person to control all the contents in the site.

Dashboard

- Statistics of products and customers
- Every times admin login he can view recently registered users.
- Every times admin login he can view recently added products

ADMIN MANAGEMENT

- Admin can manage the Details of administration.

USER MANAGEMENT

- Admin can manage the registered customers.
- Admin can search/list the users of the site.

Purchase Orders:

Purchase Orders are commercial document that needed to order and they are sent/submitted as requests for new stock from their suppliers.

- Admin staff can add/edit/delete the suppliers.
- Admin staff can create the purchase order manually and access to import the reorder report.
- Purchase order should having the entire details of the items/product received in PO system
- Purchase order having the provision to download and upload the XLS/CSV or PDF report to suppliers.
- Cs-cart system records purchase order will be deemed as Complete/Received in Full from the suppliers.
- Stock levels are automatically updated and notify the staff to order by email and through the administration console.

➤ **Re-order Report**

- The generated reports are make sure that the enough of demanded products to the staff
- Re-order Report should contains all field

➤ **Outstanding PO report**

- Reports should indicate that Purchase Orders have been too long in the system
- Outstanding PO shows the warning sign of incomplete/closed more than weeks

➤ **Price averaging**

- When new products are received, the system should check the stock and average the cost
- System should update the PO number and handle the history of product cost

Available Stock:

The stock available is the immediate demand to the customers. Available stock system having default automation calculation for following fields,

- Stock-on-hand
- Allocated
- Picked
- Back-order
- Reserved stock

Sales Back order view:

- Back orders shows all report in the system
- Sales staff having Privilege to issue the items manually
- System should allows multiple back-orders for per order

Bulk Imported Product Updates

- System having admin to update the bulk products
- Existing Product should be flagged in the system
- Product status should be changed when it does not exist

Sales & System Advanced Reporting:

- Advance reporting equipped by PHP runner enterprise
- Admin can report the output generated by CS-cart
- Admin having option to add custom report to the PHP runner

APPENDIX:-

HTML Prototyping

In the very first step we will provide the mockup pages as per the client's requirement. These pages will be in HTML format and having the presentation of the site. HTML prototyping will have Index page, registration page, login page, Product pages, cart page, product page and site's main process pages.

Programming Actual-coding Stage

In this phase we will develop the actual code of the project on the basis of the client's requirement.

Testing & Debugging

In this section the project will be tested by our testers as well as clients on the server and the error will be find out and removed.

Development methodology

1. Ajax enabled system

AJAX:

The system that we will design will be very fast and Ajax enabled. In the system all the popup will be shown on the page that will improve the presentation as well as response of the site. The whole site will be Ajax enabled and SEO friendly.

Ajax has the following advantages

- (a) * In many cases, the pages on a website consist of much content that is common between them. Using traditional methods, that content would have to be reloaded on every request. However, using Ajax, a web application can request only the content that needs to be updated, thus drastically reducing bandwidth usage and load time

- (b) * The use of asynchronous requests allows the client's Web browser UI to be more interactive and to respond quickly to inputs, and sections of pages can also be reloaded individually. Users may perceive the application to be faster or more responsive, even if the application has not changed on the server side.

- (c) * The use of Ajax can reduce connections to the server, since scripts and style sheets only have to be requested once.

2. Secure Transaction

3. Easy and attractive interface

4. Reports (As per the client's requirement)

Basic Search Engine Optimization:

Meta title, keyword, description

We will provide option to add Meta title, keyword, and description in all web pages.

Sitemap creation

*We will submit your website to **Google, Yahoo and MSN** so that your site will be indexed in search engines in **7 days**.* We will create both XML and HTML sitemap for your website. The sitemap link will be placed in your home page. In the sitemap page we will place the links for all the pages. It will be more helpful for the search engine spiders to crawl your website quickly.

Robots.txt

Robots.txt is a plain text file (not html). It is a file in the main directory of your website which directs the search engine spiders where they are allowed to go. Basically Search Engine spiders will crawl all the pages of your website for indexing. If you want hide any pages from the spider crawl simply you can disallow the page using robots.txt file.










XHTML Validation:

In this process, all the pages of your website will be validated according to w3c standards and will be converted to valid XHTML web document.

About us:

IT Flex Solutions is a website design and online marketing company who provide conceptual, functional and presentation development for global business community through out-of-the-box web strategy. IT Flex Solutions is more than a Web Design Company as we do project planning, website development, technical support and website promotion.

Our core services:-

-  *Web Development*
-  *Web Design*
-  *Word press Theme Design*
-  *Word press Plugin Development*
-  *Content Management System*
-  *Social Networking*
-  *Quality Assurance*
-  *Flash Design & Presentations*
-  *Search Engine Optimization*



Contact Us:-

We would be pleased to hear from you. We pride our self on quick replies for any of your queries. Please feel free to contact us for all your web development queries. We look forward to serve you with full commitment.

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