E-Commerce Website

Version 1.0

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## Introduction

### Background

The purpose of this document is to define the features of the Window Blind E-Commerce Website. Here Visitors can see the publicly available features such as browse products, view details of products (Size, Colour and Cost), and view other static contents of site. Registered User can view all publicly available features and in addition to this they can purchase the products by adding them into shopping cart. Admin can manage all the contents and Orders from the Backend (admin side)

Types of Users of the website are:

Visitors

Customers (Registered Member) Admin

### PRICE

Delicious Webdesign proposes a Fixed Price engagement model for the development Window Blind E-Commerce Website Based on the document provided, we propose following detailed in the section Fixed Price of development of Window Blind E-Commerce Website stated in scope section is [private] The pricing details associated with this engagement are detailed in the section Project Estimation Schedule

# SCOPE OF THE PROJECT

The objective of this project proposal is to define the project scope of Window Blind E- Commerce Website and to provide the Estimation.

The advantage would be simple user interface that is easy to understand by all type of users.

* 1. **SCOPE**

The scope document is defined after discussing with **the Client**

##### Design Goals

The application consists of following main things:

##### Visitor Features

View Home Banners or Slide Show Gallery Browse Products

View Product Details View FAQs

Become a Member through Registration process View Static Pages

**Registered Member Panel** Login to site Manage Account My Profile

My Orders

Buy Product (Checkout) Logout

##### Admin Panel

Login Dashboard

Administrator User Management

Site Member(Customer) Management Blind Type Management

Product Attribute Management Product Management

Price Chart Management Banner Manager

Order Manager Shipping Management

* + 1. **High level Requirements**

### System Block Diagram

##### Fig. 1: Basic Components of the Window Blind E-Commerce Website

Join Site

### Front-End

##### Home Page

Views Website Logo, Banners or Slideshow which are integrated with Home Page View list of Latest Products available with details like

Product Title Image

View links for Login and Sign Up

Clicking on any link, User will navigate that particular Page

##### Product Display

Displays products

Click on image will display information of product as well as choice of different sizes if available View the details of the products, with Image on Product Detail page

View listing of all Related Products Product Name

Product size Image

Clicking on Image, User will navigate to “Product Detail” Page

##### Product detail Page

Views Product details as follow Product Title

Product Image

Option to view Measuring Videos Features of the selected Product

View list of available Fabric with details like Colour Name, and Product Image Select one Fabric

Dimensions (Size)

User can specifies their Window Pane Size and preferences like Perfect Fit “Blind Type”

Pleated Venetian Roller

Blind “Fabric”

Pleated like

SPC / ESP / Plains Cellular

Blackout Venetian like

16mm Slat 25mm Slat

Special Slat finishes Roller like

Plain Fabrics Blackout Fabrics

Frame Color

For White or Brown Frames no charges will be taken

If it is Golden Oak Frame then it would incur a 10% surcharge on Total Cost of

Blind

Height Width

“Price of Blind” Button

User can determine the Price of the Blind based on the given preference (Dimensions)

Link to view Price Charts

Option for “Add to Cart”, User can add the Product to Cart with the specified Preference

##### View Price Charts

Visitor can browse the Price Charts for the Pleated / Venetian / Roller based on the Price Calculation

Visitor can view Drop and Width wise Price of the Fabric

As Size (Drop/Width) of Fabric increases Price of Fabric will also raise

##### Watch Measuring Videos

View Measuring Video(s) added by user in conjunction with all Products with details like Title

Duration Description

Visitor can play the selected Video

##### View Cart

Displays products added to the shopping cart

With a small product image, subtotal, shipping amount Link to „Update‟ and „checkout‟

Link to „See entire shopping Cart‟

Can view its shopping cart (if purchased anything will show list of items that are being purchased with the quantity and the total price of those buying)

Remove Product from the Cart

Update Quantity and Recalculate Sub Total

##### User Login

This section allows User to enter the website by adding login details created during registration Enter authenticated Email Address and Password to login

Forgot Password Link

Recover password through mail New User? Sign up link available

**Registration:** This section allows New Users to create new registration account on the Site Fill the registration form with all required fields

Enter Profile details like name, email id, password Enter address details like Country, State and Zip Code Submit Form

##### After creating login, the Customer enters the account with authenticated username and password and can perform the following tasks:

My Account

Personal Information

Change Name, Login, E-mail Address, or Password Manage Address Information

My Orders

View all Orders

View order no/ order date/ amount/ quantity View Status (In Process, Shipped, Open, Rejected)

History/Receipts

View Details of all the orders made View order id, status, date ordered Link to re-Order

Last Order

Displays the last order made

Link to reorder and reset quantity View Order Tracking

Enter Order Number View Shopping Cart

Delete Account Sign out

##### Checkout

Proceed to Shipping Details View/ Edit Shipping Details Select Shipping Method Proceed to Billing Details View/ Edit Billing Details Review Order

View Total Order Summary, with Shipping and Billing Details Proceed to Payment Details

PayPal Payment Gateway Integration Order Confirmation

Show confirmation of order with order details on the screen

##### FAQ

Displays a list of frequently asked Questions

##### Shipping Information

Details regarding Shipping information and collaboration with any partners which will be confirmed with client for more details

##### Static Pages

Contact Us About Us Privacy Policy Disclaimer

Terms & Conditions

### Back-End

Admin panel is the back end of the application from where the admin can manage the whole site and its contents as well.

##### Login

Administrator may login into the admin panel with the authorized username and password to get access to this panel.

##### Site Map

View Summary of the whole Admin panel

##### Administrators Users Management

The administrator user section shows the list of admin users accessing the panel. The admin can search and sort the list. The admin can even edit and delete the existing record.

View Admin

Search / Sort Admin users

Change the Status of admin user (Active / Inactive) Add / Edit / Delete Admin Users

##### Customer Management

The Customer Management section shows the list of customers who have registered themselves on the site.

View All Customers of the site Search / Sort Customers

Change the Status of Customer (Active / Inactive) Add/ Edit / Delete Customers

Send mail to the Customers

##### Blind Type Management

The Blind Type Management section allows Admin to manage all Blind Types like Pleated / Ve- netian / Roller available on the Site.

View all Blind Type

Change the Status (Active / Inactive) Add / Edit / Delete Blind Type

##### Product Attribute Management (Like Sizes and Colours)

View All Product Attribute

Change the status (Active / Inactive) Sort Product Attribute

Add Attribute

Enter Attribute Name

Edit / Delete Product Attribute

##### Product Management

The Admin can view all the products that are being displayed on the site.

Admin has full rights to add/ edit the particular product once placed on the site. View all products

Search / Sort Products

Alphabetical Search

Change the Status (Active / Inactive) Add Product

Add General Information about the product like Name, Blind Type, Attribute Upload Image and Video

Edit / Delete Product

Product categories (Category management)

##### Price Chart Management

The Price Chart Management section allows Admin to manage all Price Chart available for Pleated / Venetian / Roller on the Site

View all Price Charts

Search and Sort Chart by Blind Type Change the Status (Active / Inactive)

Add new Chart

Select Blind Type Title

Upload Chart File Edit / Delete Chart details

**Country Management** View All Countries Search / Sort Countries

Change the Status (Active / Inactive) Add / Edit / Delete Countries

Search / Sort States

Change the Status (Active / Inactive) Add / Edit / Delete States

##### Tax Management

View All Tax percentage with the countries Search / Sort Taxes

Change the Status (Active / Inactive) Add / Edit / Delete Taxes

##### Shipping Management

View all methods of Shipping with the amount Search / Sort Shipping Methods

Change the Status (Active / Inactive) Add / Edit / Delete Shipping Methods

**Order Management** View all Order Detail View Order Information

View Billing/ Shipping/ Payment

View/ Change Order Status (In Process, Shipped, Open, Rejected) Search / Sort Orders

Alphabetical Search Edit / Delete Orders

Print Order Confirmation Print Invoice

##### FAQ Management

View all FAQs Search / Sort FAQs Alphabetical Search

Change the Status (Active / Inactive) Add/ Edit / Delete FAQs

##### Email Template

There will be different templates available for different occasion like Welcome Mail, Forgot Password

**System Settings (General Site Settings)** View / Edit all Setting of Website General Settings

Name of Site Main Site Title URL

Meta Tags Information Settings Site Copyright Text

Site Control Panel Title Administrator Email ID

**Static Pages Management** View List of Static Pages FCK Editor provided

##### SEO Management

The SEO Management section helps the Site Administrator to manage the traffic & activity per- formed on Site by Users/ Buyers

View all Meta tags & Keywords Search/ Sort Meta tags & keywords Change the Status (Active/ Inactive) Edit/ Delete Meta Tags

View all login IPs Search/ Sort IP

Change the Status (Active/ Inactive) Block IP

##### Log out

The Administrator can log out of the admin panel from the log out link given in the panel.

### Design Goals

The application consists of following main sections:

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**Admin Panel** Login Dashboard

Administrator User Management

Site Member (Customer) Management Blind Type Management

Product Attribute Management

Product Management Price Chart Management Banner Manager

Order Manager Shipping Management FAQ Management Email Templates

Static Page content Management Tax Management

Location Management (Country/State/City) System Settings

Logout

* 1. **EXCLUSIONS FROM SCOPE**

The following is a list of activities that are clearly excluded scope of development for this pro- posal.

##### Development of Detailed Functional Specification

Detail functional specification is not included in this timeline. Scope document will be the base document for the requirements.

* 1. **ASSUMPTIONS**

We have developed our estimate based on the following assumptions.

##### Multi Lingual

Website interface will be in English languages only. But please note that the user input will be in single language only. Whatever user enters will be stored in the database and will be displayed on the website.

**3rd Party Tool**

Client will pay for 3rd party tools, if required

##### Client will provide Sample Data to test the entire web site.

Based on data based on organizational assets, we believe that sample set of values for data base elements having impact on business rules and business work flows, are critical from de- velopment as well as testing stand point.

##### User Acceptance Testing

Client will prepare business scenario and test entire website once Delicious Webdesign deliv- ers the website.

##### Signoff and Acceptance of Deliverables

During the course of the project, Delicious Webdesign will make relevant deliverables avail- able to Client. Delicious Webdesign expects these deliverables to be reviewed, accepted and signed-off by in the timeframe mentioned against each deliverable. If Client finds defects in the deliverables, Delicious Webdesign will rework the defects and re-present the deliver- ables for acceptance.

##### Documentation

The responsibility of creating / updating any other documents / technical documents such as user manuals, online help etc shall be with client and in case if any documentation required, it will be charged extra and will not be part of this contract.

* 1. **SCHEDULE**

**Schedule and Time line**

The project schedule is based on the project start date. Any change in start date would amount to changes in all subsequent delivery dates. The actual project schedule and detailed planning inclusive of Client reviews and feedback will be made based on inputs from Client once require- ments analysis is completed.

Delivery (Design + Development + QA + Beta Release): 6-7 Weeks User Acceptance Testing: 4 weeks

Total duration including Delivery and UAT: 10 - 11 Weeks

## Technical Overview

### Production Environment

The final tested version of the application will be deployed in the production environment and will be available to the end users. This will also serve as the staging/QA environment before the first release/Beta of the application.

### Development Environment

The development environment will be used for developing and testing future releases of the application. The version of the application deployed in the development environment will not be available to the end users and will be accessible only to the developers.

The development environment will also serve as the staging/QA environment for subsequent releases of the application but will not be used for any performance related testing since the server configurations in the development environment are not intended to replicate the production environment and thus will not give an accurate measure of how the application would perform in the production environment.

|  |  |
| --- | --- |
| **Technology Stack Software** | **Product** |
| Database Server | MnogoDB |
| Operating system | Windows/Linux |
| Web Server |  |
| Development Environment | Nodejs reactJs |

* 1. **BROWSER COMPATIBILITY**

|  |
| --- |
| **Supported Browser** |
| Internet Explorer 7.0, 8.0 |
| Firefox 3.x |
| Google Chrome |
| Safari (Windows) |

## External Interface Requirements

* 1. ***User Interface***

|  |  |
| --- | --- |
| This section describes some specific requirements regarding the intended user interface for the application. The details of the user interface design for each screen would be covered during the prototyping phase of the project. **Seq. No.** | **Description** |
| I1.1 | GUI standards followed for all the websites under consideration will be based on the creative inputs provided by James. |
| I1.2 | All websites will be developed for a screen resolution of 1024 x 768 and higher |
| I1.3 | All websites will be completely functional in the following web browsers:  Microsoft Internet Explorer (IE) 7.0 and IE  8.0 Mozilla Firefox 3.x Google Chrome Apple Safari (Windows) |
| I1.4 | Popup windows will be used only in places where it is important to keep the user on the main screen such as the Details screen. If the user has a popup blocker enabled, a message will be displayed asking the user to disable the popup blocker before continuing. |
| I1.5 | Client side scripting, AJAX controls will be used wherever required but without making the pages to heavy to load. |
| I1.6 | On screens that display lists (such as the search result pages), a pagination control will be displayed that will allow the user to browse through multiple pages of information rather than scrolling vertically.  The pagination control will be developed so that attributes such as maximum items to be displayed per page, maximum number of pages to be displayed, etc. will be easily configurable by the website administrator through a properties file. |
| I1.7 | A confirmation message will be displayed to the user prior to any kind of delete activity on the websites. The delete action will be carried out only if the user confirms the delete action. |