



# CREATING A WEBSITE DEVELOPMENT FOR VTR TEXTILES

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## 1.1 ABSTRACT

“Website Creation of VTR Textile” is a form of electronic commerce which allows consumers to directly buy goods from a seller over the internet using computer. This project deals with developing an e-commerce website for online shopping where different types of dress materials like kids, women and men wear. It provides the user with a catalogue of different types of products available for purchase in the store. The project has been developed to allow business grows larger and faster. This site will let consumer to view various products, catalogue and contact information and order products online from any part of the world.

Some of the Features Of The System Are,

- Helping the customer to search his specific product with a robust search tool.
- Online booking of product with the delivery status notification system.
- Providing Secured Environment for secured data access wherever necessary.
- Retrieval of data from database using easy buttons, links and interfaces in a very fast and efficient manner.
- On-line updating of all types of data. Updating Data using web based interfaces and with the help of buttons & links in an easy & convenient way.

The Online application is designed from a user point of view. The user friendly design helps the users in accomplishing their task with ease. Attempts have been made to keep the design simple and understandable. The screens were designed in XML and the business logic was written in Asp.Net. The total lines of code written in this application are Asp.Net. The software is high accuracy, design flexibility and easy availability. And also it uses database tables representing entities and relationships between entities.

## 1.2 OBJECTIVES OF THE STUDY

- To create an online web application for Textile Industry to choose products effectively.
- The user also has the option to browse the whole list of products in the catalog. In all cases the user will end up with a table that contains a list of products with price, manufacturer, quantity in stock and a link that allows the customer to add to the shopping cart. If the customer clicks on the link to add a product to cart, the customer's profile information similarity, the recommendations of product made to the customer's cart based on the profile association to the products availability, income to cost relationship and the product sales rank support count.
- This system provides an easy to solution customer's to buy the associated products without searching it for separately and also helps the manufacturer to enhance their business for the sales of the product.
- The system is a web recommender that models user habits and behaviors by constructing a knowledge base using temporal web access patterns as input.

## 1.3 DESCRIPTION OF MODULES Registration

- A candidate registration asking for name, address and other credential for further interaction is taken.
- He is asked to register with the unique id and password as well some initial information is taken such as e-mail id, address and date of birth etc.
- At the end of registration the user is confirmed.
- If customer wants to buy the product then he/she must be registered, unregistered user can't go to the shopping cart.

### Login

Login module which checks for a valid candidate when the user enters his user-id, password and link to the correct page or denies and link to the registration page. As user id rules the system so a person is known by his uniqueness of his user id. As it is to provide the viable candidate system .so the user id is being validated with password in different cases to validate the genuineness of the candidate. This module keeps the status of who and when logged in and for which purpose and how much time.

### View products

This screen will show all the types of dress product with their values and minimum quantity that should be ordered. If possible, provide the image of each of the product.

On selecting any one of the dress material, user is shown the columns for the quantity to be entered. After entering the quantity, price is automatically set by the system based on the product price data.

## Product Booking

After selecting different dress in shopping cart users confirm their order to the site. All information related to the product, users and their shipping details must be saved in database so that the product will ship on right time and right place.

## Shopping Cart System

If a user navigates through the site and finds different things to purchase and books that, this shopping cart simply keeps all his purchased item rate maintained on the server so that their should be no ambiguity of what the user bought and what he left.

## User Payment

For customer there are many type of secure billing will be prepaid as debit or credit card, post paid as after shipping, check or bank draft. The security will provide by the third party like Pay-Pal etc.

### 1.4 PROBLEM DEFINITION

- Sending mails to all customers is not possible □ Past soled product history are not checked.
- If user purchase for higher amount then customer suffer from EMI.
- All transactions dealings of products, purchasing of products were done manually which is time consuming. There is no computer system for handling payments. All calculations are performed manually which may not be accurate always. Maintaining the record is really a tedious task.

### 1.5 EXISTING SYSTEM

In the existing system all transactions, dealings of products, purchasing of products were done manually which is time consuming.

- Reports are prepared manually as and when needed. Maintaining of reports is very tedious task.
- To buy any product user has to collect information about it either by visiting the shop or asking people which is the better one.
- There is no computer system for handling payments. All calculations are performed manually which may not be accurate always. Maintaining the record is really a tedious task.
- Any internet user can use this existing website to search for any kind of products, select particular products from a wide range of products.
- Once they make of their mind to purchase any particular thing they can place an order and make a payment throw various available payment option.

### 1.6 DRAWBACKS OF THE EXISTING SYSTEM

- The user information can't be kept secret from other user.
- Enquiry of product can be done through phone calls or consumer has to visit the place.
- It is time tedious process.

## 1.7 CONCLUSION

This document contains the system and software requirements in terms of what the system will be and what is expected from the system. This will also highlight the system behavior in terms of queries and reports generated by the system. It contains the user characteristics, access controls, assumptions and dependencies on the system.

## 1.8 FUTURE ENHANCEMENT: -

It is highly likely that the scope will change as the web application project moves forward; the web process model should be incremental. This allows the development team to “freeze” the scope for one increment so that an operational web application release can be created. The next increment may scope changes suggested by a review of the preceding increment, but once the second increment commences, scope is again frozen temporarily. This approach enables the Web App team to work without having to accommodate a continual stream of changes but still recognizes the continuous evolution characteristics of most web application. Besides that, the following basic quality in the software always safeguards the future scope of the software.

### **Re usability: -**

Re usability is possible as and when we require in this application. We can update it next version. Reusable software reduces design, coding and testing cost by amortizing effort over several designs. Reducing the amount of code also simplifies understanding, which increases the likelihood that the code is correct. We follow up both types of re usability: Sharing of newly written code within a project and reuse of previously written code on new projects. **Extensibility: -**

This software is extended in ways that its original developers may not expect. The following principles enhance extensibility like Hide data structure, avoid traversing multiple links or methods, avoid case statements on object type and distinguish public and private operations.

## 1.9 APPENDIX BIBLIOGRAPHY

### **Website Reference**

- [www.projectguidance.com](http://www.projectguidance.com)
- <http://e-library.net/>
- [www.sourcecodeonline.com](http://www.sourcecodeonline.com)
- [www.developers.net](http://www.developers.net)
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## 1.10 SAMPLE CODING

Imports System.Data

Imports System.Data.OleDb

Partial Class login

Inherits System.Web.UI.Page

Dim CON As OleDbConnection

Dim CMD As OleDbCommand

Dim ds As DataSet

Dim dr As OleDbDataReader

Dim adap As OleDbDataAdapter

Dim S As String

Protected Sub Button1\_Click(ByVal sender As Object, ByVal e As System.EventArgs)

Handles Button1.Click

```

    CMD = New OleDbCommand("select * from registrationtable where uname = '" &
    TextBox1.Text & "' and pswd = '" & TextBox2.Text & "'", CON) dr =
    CMD.ExecuteReader
  
```

If dr.HasRows = True Then

Response.Redirect("Dailyoffer.aspx")

Else

MsgBox("Invalid User")

End If

End Sub

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs)

Handles Me.Load

```
CON = New OleDbConnection("provider=Microsoft.jet.OLEDB.4.0;Data source=" &
Server.MapPath("textile.mdb")) CON.Open()
```

End Sub

End Class

Imports System.Data

Imports System.Data.OleDb

Partial Class \_Default

Inherits System.Web.UI.Page

Dim CON As OleDbConnection

Dim CMD As OleDbCommand Dim dr As

OleDbDataReader

Protected Sub Button1\_Click(ByVal sender As Object, ByVal e As System.EventArgs)

Handles Button1.Click

```
CMD = New OleDbCommand("insert into registrationtable values(" &
Me.TextBox1.Text & "," & Me.TextBox2.Text & "," & Me.TextBox3.Text & "," &
Me.TextBox4.Text & "," & Me.TextBox5.Text & "," & Me.DropDownList1.Text & "," &
Me.TextBox6.Text & "," & Me.TextBox7.Text & "," & Me.TextBox8.Text & ")", CON)
```

```
CMD.ExecuteNonQuery()
```

```
MsgBox("REGISTRATION SUCCESSFULL", MsgBoxStyle.Information)
```

```
TextBox1.Text = ""
```

```
TextBox2.Text = ""
```

```
TextBox3.Text = ""
```

```
TextBox4.Text = ""
```

```
TextBox5.Text = ""
```

```
TextBox6.Text = ""
```

```
TextBox7.Text = ""
```

```
TextBox8.Text = ""
```

End Sub

## 1.11 TABLES STRUCTURE

A database is an organized mechanism that has the capability of storing information through which a user can retrieve stored information in an effective and efficient manner. The data is the purpose of any database and must be protected. The database design is a two level process. In the first step, user requirements are gathered together and a database is designed which will meet these requirements as clearly as possible. This step is called Information Level Design and it is taken independent of any individual DBMS. In the second step, this Information level design is transferred into a design for the specific DBMS that will be used to implement the system in question. This step is called Physical Level Design, concerned with the characteristics of the specific DBMS that will be used. A database design runs parallel with the system design. The organization of the data in the database is aimed to achieve the following two major objectives.

- Data Integrity
- Data independence

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective of database design is to make the data access easy, inexpensive and flexible to the user.

### 1. Master Tables:

Master Table contains records of permanent data . A master table is the primary table. For every record in the master table, there can be many records in the transaction table. If you are only dealing with one table, then it is the master table

### 2. Transaction Tables:

Transaction is the table whose records are subordinate to those of the master table It is also called a slave table, a child table.

## Registration

Field Name	Type	Description	Constraint
User_Id	Varchar(11)	User id (unique)	PRIMARY KEY
username	Varchar(30)	Candidate username	NOT NULL
Password	Varchar(30)	Password	NOT NULL
Address	Varchar(150)	Permanent address	NOT NULL
Phone	Varchar(10)	Phone(r)	NOT NULL
Mobile No	Varchar(10)	Mobile	NOT NULL
E-Mail	Varchar(30)	Email id	NOT NULL

Date of Birth	DATE(8)	Date of birth	NOT NULL
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**User Login**

Field Name	Type	Description	Constraint
User Name	Varchar(30)	User id	NOT NULL
Password	Varchar(30)	password	NOT NULL

**Admin Login**

Field Name	Type	Description	Constraint
Admin Name	Varchar(30)	Name of the admin	NOT NULL
Password	Varchar(30)	password	NOT NULL

**Internet\_shop (product detail)**

Field Name	Type	Description	Constraint
Id	Int(6)	Product id	PRIMARY KEY
Name	Varchar(64)	Product name	NOT NULL
Description	Text	Description product	NOT NULL
Price	Double	Price	NOT NULL
Img	Object	Item image	NOT NULL

**Message (FEEDBACK)**

Field Name	Type	Description	Constraint
message_Id	int(11)	Feedback_id	PRIMARYKEY
Name	varchar(30)	Name	NOT NULL
email	Varchar(100)	Email id	NOT NULL
Subject	varchar(100)	Subject of the feedback	NOT NULL
Message	varchar(500)	Content of the message	NOT NULL

**Products (paypal)**

Field Name	Type	Description	Constraint
Id	Int(6)	Product id	PRIMARY KEY
Name	Varchar(255)	Product name	NOT NULL
Status	tinyint(1)	Status of product	NOT NULL
Price	Float	Price	NOT NULL
Img	Object	Item image	NOT NULL

**Orders**

Field Name	Type	Description	Constraint
Id	Int(11)	Product id	PRIMARY KEY



Product	Varchar(100)	Product name	NOT NULL
qty	int(11)	No of items	NOT NULL
confirmation	Varchar(30)	Order confirmation	NOT NULL
Total	Varchar(100)	Total amount	NOT NULL

### Reservation

Field Name	Type	Description	Constraint
reservation_id	int(11)	Reservation_Id	PRIMARY KEY
First name	Varchar(30)	First name of the user	NOT NULL
Last name	Varchar(30)	Last name of the user	NOT NULL
Contact	Varchar(10)	Phone number	NOT NULL
Email id	Varchar(50)	Email address	NOT NULL
City	Varchar(30)	City	NOT NULL
Status	Varchar(10)	Status of the product	NOT NULL
Address	Varchar(30)	Address of the user	NOT NULL
payment	Varchar(30)	Payment Method	NOT NULL
Delivary_type	Varchar(30)	Delivery address	NOT NULL

### Payment

Field Name	Type	Description	Constraint
id	int(11)	Payment type id	PRIMARY KEY
dmethodid	Varchar(30)	Delivery method	NOT NULL
methodname	Varchar(100)	Payment method	NOT NULL