**SMOKIN' ACES**

**Yay!Koffee**

**Shubham Vyas**

**Satya Chippada**

**Milestone no. 4**

**Due date: April 28th, 2015**

**Application Summary:**

**Organization: A coffee company - > Coffee yay!**

Yay!Koffee is a Coffee shop business who wanted to expand their scope with online presence. We designed an e-commerce website to provide an online ordering of the coffees so that they don’t have to wait to the shop then order and then wait for the order to complete. The customers can order online and come in 20 minutes and pick up the order. We included a fair sized Database for the website, where the administrator can make changes, add new items and so on. The menu has a large number of items to choose from and the users can even order their own choice of coffee with customized ingredient selection.

The website also has a blog page from which a customer can read about any addition to the menu or suggestions from the users. The administrator can edit the blog content if need be. The special feature here is that the users can add the links to their own blogs.

Our website is a simple e-commerce solution based on simple business to customer (b to c) relationship. To make an order a customer will first have to make an account on the website and be logged in. All transactions are updated to the database. Users are directed to PayPal Payment gateway automatically if the order placement is done. They can have a pick-up or stay-in.

The administrator can add daily tips to the site which will also be updated and added to the database (myDB).

**Application Guide:**

List of all the components of the website is as follows:

1. **Master Page:**

**MasterPage.master** is the sole master page designed for this website. It contains the logo and the links to the main base pages of the website i.e

---🡪 Home, Menu, Locations, Blog, Tips, About Us and Login

The master page adds these links to both the header and footer to easier navigation.

1. **.ASPX Pages:**

Default.aspx – This is set as the home page for the application

menu.aspx—Displays the overview of the Menu through a Database transaction

location.aspx—Shows the locations of our coffee shops, also through a SQl query

The admin can edit the contents or add a new location, which are updated to the Database

blog.aspx—Displays the blogs of the users along with the links to their websites.

Admin can edit and add content but users who are logged in can add their blogs

about.aspx—This is a static page to display about the website

Login.aspx—The login control is placed on this page which allows the user to login or create a new account, again automatically added to the Membership User database

Tips.aspx—The admin can add and edit daily tips and tricks on making a great Cup’O Joe!

Other pages on our website are as follows:

* Admin.aspx: This page allows the admin to add an item, delete or update an item that automatically updates the menu displays and other related data sources. This page can only be accessed
* Blended.aspx: This page shows a subset of the menu list based on the type of the item(here Smoothies)
* CreateUser.aspx: A create user wizard is placed on this page for new users to register for an account
* Espresso.aspx: This page shows a subset of the menu list based on the type of the item(here Espresso)
* ItemDetail.aspx: This page shows the enlarged image of the product, the name of the product, ingredients of the item, the option to choose the size of the product they need and option to add the product to the cart, basically the selected items details.
* MakeCoffee.aspx: This page allows the customer to customize their order with selectable ingredients
* OrderSummary.aspx: This page gives the summary of the items been added to the cart, the total price of the order, and option to increase or decrease the quantity of the product. If the order creation is successful redirects the user to the payment page.
* PaymentPayPal.aspx: PayPal payment gateway
* RecoverPassword.aspx: If the user forgets his password, this page allows the user to recover the password by answering the security question and the temporary password is displayed on the screen
* Teas.aspx: This page shows a subset of the menu list based on the type of the item(here Teas)
* Coffee.aspx: This page shows a subset of the menu list based on the type of the item(here Coffees)
* ProfileInfo.aspx: Gives the profile information for the logged in user and admin rights to admin
* Thanks.aspx: The user is redirected to this page on successful order placement and payment on PayPal payment gateway

1. **HTML Pages:**

Ouch.Html---- The user is redirected to this page in case of unhandled exceptions in the web page code( we set the mode ON in the web.config file)

1. **User Controls:**

We have one .ascx file-----CurrentUser.ascx

It is placed in the ProfileInfo.aspx page to facilitate the user information views and edits.

This has the information of the current logged in user and also provides functionality to update the profile information of the user.

The admin can edit the roles of the users and also view the profile information of other users.

1. **Class Files:**

The App\_Code directory contains two files

---coffeeshop.cs

This is a simple class representing an item in the database, with ID, name and other details

---ShoppingCart.cs.

This represents our shopping cart or order summary. Items are added, updated and removed from the order/cart through this class. The status of the cart can be notified through this class.

1. **Databases:** The website have two databases in the App\_Data folder named ASPNETDB.MDF and myDB.mdf.

* **ASPNETDB.MDF:** Provided through the ASP.NET Configuration. This database manages the data of Memberships, User id-passwords, user profile information, and roles of the users
* **myDB.mdf:** This database manages the data on different .aspx pages in the website, mainly the blogs, location, price of the items and details related to the orders in process and that are placed. Our entire web application is through this Database

**Tables:**

**OrderDetails, Orders—for storing the details of each order**

**Blogs—for blog information**

**Category, Tips, Location, ListDetails, ingred**

1. **Other supporting files:**

* **Web.Sitemap: for navigation display. SiteMapPath set on the master page**
* **Skins:** We have one skin file named SkinFile.skin.
* **Theme:** One theme file named Theme1.

1. **CSS file:** We downloaded the template from web there is no change in the css file.

**Role Description**

The roles created for this websites are only two, Admin and user role.

The Admin role have the access to all the pages in the website.

The user role will not be allowed to access the Admin.aspx page other than that all the pages are open to all.

**Application Roles**

* **Administrators ID and Password:**

**UserID :** admin

**Password :** admin123!

* **User ID and Password:**

**UserID :** kelly

**Password :** kelly123!

**Project Requirements**

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| --- | --- |
| **MIS 5050 Project Requirements** | **Project Component(s)** |
| Interlinked Web forms (.aspx pages) that display dynamically-generated content | * Admin.aspx * Blended.aspx * blog.aspx * coffee.aspx * Espresso.aspx * ItemDetail.aspx * locations.aspx * MakeCoffee.aspx * menu.aspx * OrderSummary.aspx * ProfileInfo.aspx’ * Tips.aspx |
| Database transactions | 1. SqlItemList (Admin.aspx)  * Select * Insert * Delete  1. SqlDataSource1 (Blended.aspx)  * Select  1. SqlDataSource1 (Blog.aspx)  * Select  1. SqlDataSource1 (coffee.aspx)  * Select  1. SqlDataSource1 (Espresso.aspx)  * Select  1. SqlDataSource1 (ItemDetails.aspx)  * Select  1. SqlDataSource1 (locations.aspx)  * Select  1. SqlDataSource2 (MakeCoffee.aspx)  * Select  1. SqlDataSource1 (Teas.aspx) 2. SqlDataSource1(Tips.aspx) |
| User/Role management | Roles Supported:   * user * Admin |
| Preservation of state | Session variable is used to add the item id, item  name, price and quantity to the database. Also  used QueryStringParameter in  ItemDetails.aspx. |
| 10 different ‘basic’ ASP.NET Web controls | * Text Boxes- TextBox1 * Labels-Label1 * Link Button- LinkButton1 * Button- addToCartButton * Radio Button list- RadioButtonList1 * Hyperlink - HyperLink1 * Image - Image1 * Hidden Field - HiddenField1 * Add two * CheckBox in gridview |
| 5 different ‘advanced’ ASP.NET Web controls (those that do not map directly to an html tag) | * List view- ListView1 * Grid view - GridView1 * Form view- FormView1 * Details view - DetailsView1 * Login - Login1 * Calendar control * Ajax calendar extender |
| Input validation for **all** free-form user entries | * Required Field Validator * Compare Validator |
| 1 user control | LoginName control |
| 1 navigation control | Web.sitemap |