MCO 358

ASP.NET Final Project Requirements

Main Goals:

Decide on a basic "framework" for your project web site - i.e. standard colors, header, footer & menu items that will be on all pages. This will give your site a more professional look. You should use a sitemap and breadcrumb trail for ease of use. Use master pages and themes/skins to enforce the standard look-and-feel across your entire project.

Create a "home page" for your project site with a simple logo and basic information about what the site will be.

Design a database in SQL Server Express to hold information for use on your web site. It should contain at least 2 tables whose data are used to display information on the web site (ex. in drop-down lists), as well as at least 1 table to store information entered by the web user.

Create a form web page (e.g. order form, contact form, sign-up form, etc.) with a variety of controls (textboxes, checkboxes, dropdown lists, etc.) with at least 2 controls that pull data from the database (ex. a drop-down list with values from a table). Data should be validated and then, upon form submit, saved to the database. A confirmation page should be displayed to the user thanking the user for entering data (or making the order, etc.), and displaying the saved data.

Create a web page that displays data preloaded into the table that you plan on using to save user information submitted on the web. Experiment with different styles of formatting the table, to make it look good.

Use security to secure part of your web site (e.g. admin access only, or only users that created an account).

**Submit all files used in creating your project, as one zip file, and also include the checklist below (filled out).**

**Checklist for submission:**

|  |  |  |
| --- | --- | --- |
| Item | Completed by  (if group project) | Applicable Filenames, Other Information |
| 0. Project Proposal |  | ---------- |
| 1. Home page (including site logo). |  | Filename of home page:  Default.aspx |
| 2. Navigation System: Sitemap/Breadcrumb trail (on all pages) |  | Web page that demonstrates this:  navMaster.Master |
| 3. Master Page to enforce overall look-and-feel of all pages. |  | name of master file:  navMaster.Master |
| 4. Themes  (should have one theme, as well as a CSS stylesheet) |  | Name of theme:  Theme1  Location of stylesheet:  Styles/siteStyles.css |
| 5. Database Design – at least 3 tables linked by foreign keys (ex. OrderLine table, Product table, Customer table) |  | Database name:  Textbookbasic.mdf  Table names:  Book, campus, contactmethods, seller (then there are membership tables that were automatically added) |
| 6. Web form to submit information that will be stored in one database table (should include a variety of controls: ex. Checkboxes, textboxes, drop-down lists, etc.) Textboxes should be validated by regular expressions, and a validationSummary control should be included. |  | Web page of form page:  SignUpAsp.aspx  Type of validation:  Requiredfield, comparator, regex  Saves data to which table:  seller |
| 7. Web page that shows a list of data from one of your database tables using a GridView (customize the GridView to allow sorting and paging, as well as “nice formatting”).  Enable insert, update, and delete features. |  | Web page using GridView: viewallbooksGridView.aspx |
| 8. Implement a secure login for part of your web site. (e.g. the data list above) |  | Web page where login required:  myAddedBooks.aspx, addBook.aspx  Where are logins stored?  Memberships (user with pw)  Login/password info:  User m, password 123456 |
| 9. Store user information in a cookie and display it when user next visits. |  | Web page getting information for cookie:  Contact.aspx  Web page using cookie information:  emailConfirm.aspx |
| 10. Email from your web site – (e.g. “Contact Us” page) |  | Web page that demonstrates this:  Contact.aspx |
| If you have extra time and you want to research the following topics and include them in your project for extra credit, feel free to do so: |  |  |
| 12. Extra Credit: Web Service |  | What is the name of the web service?  Where is it hosted?  What page on your site uses it? |
| 5. Extra Credit: User Control – use an ascx file within your project |  | Purpose of control:  Filename of user control:  Filename of page using the control: |

TODO:

Change name of file when upload picture

Sign in with email address not username