

SkillsUSA 2012 Contest Projects

Web Design

Click the “Print this Section” button above to automatically print the specifications for this contest. Make sure your printer is turned on before pressing the button.

National Web Design Contest June, 2012

Secondary Web Design Contest Guidelines and Work Order

Contest Guidelines Contents

- * Contest introduction - what we are testing you for
- * Challenge overview - challenge summary
- * Contest Rules - what is expected from you and the contest requirements
- * Client work order - contains the challenges and what the client wants to you to deliver
- * Specific challenges - a step by step guide to the challenges
- * FAQ - Frequently asked questions

Introduction

Each team will be asked to complete a series of website challenges that will test your:

- * Creativity
- * Graphic Design skills
- * Visual and Communication skills
- * Technical skills and Web development skills
- * Critical thinking and problem-solving skills
- * Ability to collaborate with your peers
- * Agility and adaptability
- * Initiative and entrepreneurial skills
- * Presentation skills

Contest Challenge Overview

- Specifically, you will be asked to create and develop a simple website consisting of the following distinct set of website challenges as outlined by the client in the work order.

- Create and design storyboard including wireframe based on input from the client as outlined by the work order.
- Create and design a logo as outlined in the work order by the client
- Design and develop Web pages with the following components in mind look and feel, function, navigation, page layout, fonts, color schemes, all graphic elements, and forms as outlined by client in the work order.
- Design and develop Web pages with Web Accessibility and Web standards in mind, they must be WAI compliant and pass W3C validation, and be cross browser compatible as outlined by the client in the work order.
- Incorporate Javascript for validation of the form as outlined by the client in the work order.
- Demonstrate your knowledge in the areas of Web Business including Branding, Web marketing and Search Engine Optimization (SEO) as outlined by the client in the work order.
- Give a Team presentation - You will be asked to present your Web Design and Development company to the review team. In short, why should we hire your team. You will also be asked to share your scaffolding of process including storyboard and wireframe. This is the time that you will also present your resume. You will also be allowed to ask questions of the contest organizers and the client.

Contest Rules

All completed websites and their related files will be submitted on a thumb drive that we will provide.

- Teams will not be allowed to use external resources (**there is no Internet connectivity** in the competition area and all teams will refrain from such access via their own connection). **Note: If the contest supervisor or judges observe you using cell phones or connecting to the Internet or texting during the competition, you will be disqualified.**

- Breaks including lunch: Lunch including sodas will be provided around noon on site. If you need to use the restroom you need to inform one of the Web design contest officials. Bottled waters are allowed and we encourage you to stay hydrated, snacks are allowed but not provided. **Bring your own prior to the contest.**
- Images will be provided by the contest committee at the start of the contest and no third party images will be allowed. You may use your own original graphics only if created on site during the competition.
- No pre-built templates are to be used.
- The focus of this contest is on client side technologies (for example, (X)HTML, CSS, and JavaScript).
- No server side scripting is to be included in the submitted materials.
- All materials submitted are to be free of malware
- NOTE: Virus Scan your folders prior to submission to the USB drive. submitting a virus or spyware on the USB drive is grounds for immediate disqualification). If you do not have updated Virus Scan software installed on your computer it is your responsibility to tell us so. Tell us this when we ask for your software license.
- Use of any Dreamweaver template (those which come with CS4/ CS5, CS6 for example which were created by Stephanie Sullivan) is not allowed (yes, we will know).
- Use of jQuery or other libraries is not allowed. Build your code from scratch, demonstrate your knowledge of (X)HTML, CSS, and JavaScript.
- As a general rule, tables should only be used to display tabular data; they should not be used for placement/ layout of text or images (use CSS instead).

Client Work Order

Client Introduction

You are tasked to create and develop resources as outlined in this document for the client WebProfessionals.org. Specifically, you will be designing and creating one of their sites, SchoolofWeb.org. As outlined in the Challenges section listed below.

About the Client: WebProfessionals.org

WebProfessionals.org is a non-profit professional association dedicated to the support of individuals and organizations who create, manage or market web sites. WOW provides education as well as certification, technical, employment and member advantage services to thousands of aspiring and practicing web professionals worldwide.

WebProfessionals.org Mission statement

WebProfessionals.org mission is to:

- Foster professional standards
- Advocate on behalf of Web Professionals
- Provide for communication among all web professionals., including corporate webmasters, developers and designers in government, business, and education, independent web professionals, and aspiring webmasters such as students
- Provide for education through the development of curriculum, publishing of articles and books, professional papers, and the sponsoring of seminars and conferences
- Stimulate the continued growth of the Web by providing a forum for the raising of new ideas and an effective mechanism for dialog on these issues
- Provide security, legal and marketing white papers as well as an area on the latest trends in the Internet on each of those

WebProfessionals.org Vision

As the Internet evolves, the role of the webmaster will evolve with it. WebProfessionals.org envisions itself as a community of common interest, where individuals can find common ground for communication and education, regardless of their specific responsibilities or abilities. This organization will be open to anyone in the world who believes in our philosophy and sincerely desires to enhance their capabilities and that of the World Wide Web. It will be administered by its members in accordance with democratic principles.

About the Schoolofweb.org initiative and site you will be tasked to work on.

As key stakeholders consisting of practicing Web professionals, experienced educators, community and business leaders we have an obligation to do better. We need to challenge one another and commit to a course of action that will improve student outcomes and a better prepared work force for tomorrow's workplace needs.

For example:

- Practicing Web professionals want access to the most relevant training resources to accomplish their goals including the skills and technologies that employers want and need the most.
- Students want to know that they are getting an excellent education that prepares them for meaningful employment.
- Teachers want to make sure their instruction is on-target and to know "what works" while seeking and receiving support to help them improve their practice through better curriculum and partnerships.
- Education program managers want help developing good site level plans so they can help teachers effectively implement change that will produce results, happy and successful students and good will in the community.
- Policy decision makers want to see improved results on a limited budget and time constraints.

Web Design, Web Development and New Media are integral parts of modern life. The Web profession offers a dynamic and entrepreneurial working environment that has had a revolutionary impact on the global economy and on society. Among its most important functions are the efficient transmission of information, storage and analysis of information and display through computer networks and systems, the Internet, and computer databases. According to the U.S. Bureau of Labor Statistics the demand for Web and New Media professionals will continue to be strong as more of these workers will be needed to accommodate the increasing amount of data sent and number of devices over the Internet, as well as the growing number of Internet users.

How did the SchoolofWeb.org get started and why?

Back in 1996, the WebProfessionals.org aka "World Organization of Webmasters" association was founded. Its founders and its supporters have been advocating on behalf educational resources for Web professionals and those that teach ever since.

What are the goals of the SchoolofWeb.org

The School of Web is an industry wide partnership initiative that aims to support careers in the Web profession.

What's Inside for SchoolofWeb.org Members

As a member of the SchoolofWeb.org you will have access to:

- * Web design, Web development and Web business resources including educational content, custom curriculum and training resources covering advanced techniques, and the most up-to-date best practices and methods
- * Regularly scheduled activities, test your thinking quizzes and prizes offered by the WebProfessionals.org association
- * Web professional directories
- * Web professional job boards
- * Web professional career guides
- * How-to guides to establish a Web professional program at your school or college

Audience for Schoolofweb.org initiative and website

The audience for the Schoolofweb.org website that you will be designing and developing for consists of faculty advisors and teachers, students, including National Web Design contest participants just like you, parents, web industry professionals and potential employers as well as supporters and sponsors.

Client Web Site Requirements and Preferences

- Prefers a simple, minimalist but elegant layout and good use of white space.
- Color scheme - include color blue (CMYK #003366 RGB 0, 51, 102 CMYK 1,0.5,0,0.6 HSV 210,100,40) and black (CMYK #000000 RGB 0,0,0 CMYK 0,0,0,1 HSV 0,0,0)
- The new logo that you will create should appear on every page, though a larger version can appear on the Home Page as long as it is a consistent size on the other pages.
- Place their copyright notice in the footer of every page.
- The Client is open to your creativity on font size and type.
- It must meet the Web Content Accessibility Guidelines.
- The website should be attractive to both adults and students.
- Cross browser compatibility for Firefox, IE7 and Chrome
- Search engine optimized by the following keywords: School of Web, Web Education, Web Design Careers, Web Developer Careers, Web Career Opportunities

Competition Challenges

Overall Instructions (Please read carefully)

The data files that you have been issued contains content information and images provided by your client. You are expected to use the files provided, along with the information given in the Client Work Order to create their website.

1. Create a folder named properly with your team number preceded by either a **P** (for post-secondary) or **S** (for secondary). The contests will be judged separately and we need to know which contest your entry folder belongs in. For example, **P042** would be the name of the folder for a team with a number of 42 in the post-secondary contest.
2. You will place **all** of your web site completed files in that folder. You will be responsible for making the necessary sub-folders for your CSS, Javascript and images and then naming all of your files accurately and appropriately within that team folder. The team folder is the **only** item that will be uploaded for the judges to see so make sure that all of your images and links work properly from within it.
3. All materials submitted are to be free of malware.

NOTE: Virus Scan your folders prior to submission to the USB drive. submitting a virus or spyware on the USB drive is grounds for immediate disqualification. If you do not have updated Virus Scan software installed on your computer it is your responsibility to tell us when we ask for your software license.

Challenge Instructions

Challenge Number 1 - Design Process and Communication

Purpose: Demonstrate your understanding of the design process and communicate what you are intending to create and develop with your team mate.

Instructions:

- Create and design storyboard including wireframe based on input from the client as outlined by the work order.
- Create your storyboard and wireframe on a sheet of 8.5 x 11 sheet of paper.
- Your storyboard should include your form of navigation, illustrations or images sequence for the purpose of pre-visualizing your work.
- You will bring and present your completed storyboard to your interview with the contest judges during the interview phase.
- You will be asked to present your Web design and development company to the review team. In short, why should we hire your team.

- You will share your scaffolding of process including storyboard and wireframe.
- Present your resume.
- You will be allowed to ask questions of the contest organizers and the client.

Challenge Number 2 - Design and Develop Web Site Pages

Purpose: Design and develop client pages with the following components in mind; including the look and feel, function, navigation, page layout, fonts, color schemes, all graphic elements, and forms. Refer to the Client Work Order for their specific requirements and preferences.

Instructions:

- Create the following four pages for the client web site;
 - Home
 - About
 - Member Resources that includes a working form, see Challenge Number 5 for the form instructions).
 - Contacts Page.
- Design the layout of your pages to include a logo that you will be asked to design, create and then integrate into your site in Challenge Number 4.
- Use the client work order information given above and the documents and images provided on your thumb drive as the content for the various pages.
- Design and develop the Web pages with Web Accessibility and Web standards with in mind (WAI compliant and W3C validation, cross browser compatible as outlined by the client in the work order.)
- Search engine optimized for the key words/phrases as indicated in the Client Work Order.

Challenge Number 3 – Web Site Navigation

Purpose: Demonstrate your understanding of using either CSS or JavaScript or a combination to develop and implement a functional and attractive navigation scheme for the website.

Instructions:

- Create all of the navigational elements for the Home Page and each of the subsequent pages.

- They should be functional and visually appealing, contributing to the look and feel of the overall site.
- The navigation should be fully accessible and consistent throughout the site.
- Utilize the graphic links and the link list provided by the client on the Suggested Links document and the Supporters document. You are responsible for their placement, formatting and functionality.
- The Logo should be a functional link to the home page.

Challenge Number 4 – Graphic Design and Asset Creation

Purpose: Demonstrate your graphic design skills and understanding of logo design by creating a new logo for the client that reflects the personality and message of the organization based on all of the information that you have been given.

Instructions:

- You may utilize any of the images that you have been given or design it yourself from scratch. You may alter and incorporate any elements of the provided images into the new logo and have free reign over use of fonts as well **but you may not use stock images or elements of any other images.**
- The logo must integrate the organization color palette as detailed in the Client work order.
- The client wants to use the same logo for all of his communication avenues so you will have to create a version that is appropriate in size, image type and quality for each of the following:
 - o Web Site
 - o Print for Posters
 - o Mobile Devices and Smart Phones
 - o Print for Magazines
- Name each of the logo versions specifically with their purpose.
- Place your new logo files in an **Image sub-folder**, that you will create inside your Team folder, that will be submitted to the judges.
- Integrate the new logo appropriately into client's web site.

Challenge Number 5 – User Experience

Purpose: Demonstrate your understanding of accessibility, form design, Javascript and layout. Create a User Comments and Questions form for the Member Resources Page that you created in Challenge 2.

Instructions:

- Include the following fields, all of them are required content fields for the user except for the Demographic dropdown list which is optional. Use your knowledge of JavaScript to confirm that required fields contain data.
- First Name - Required
- Last Name - Required
- Email address - Required.
- Demographic – this is a dropdown list that contains the following items;
 - Student or Parent
 - Educator
 - Industry Affiliate
- Subject – Required
- Message – Required field, make sure there is sufficient space for a paragraph of information.
- The form should be fully accessible to anyone who may visit the page.
- The layout and design should be visually appealing as well as functional. It should reflect the design of the rest of the web site.
- Submit and Reset buttons should both be present and functional.

Challenge Number 6 - Product Quality Assurance

Purpose: Demonstrate your knowledge of web site deployment and file management.

Instructions:

- Test your work from your Team folder to verify that what you are submitting to the judges is complete and fully functional. Only the team folder that you created will be uploaded for judging.
- Virus check all of your submission files. Remember, submission of a virus with your work **will result in immediate disqualification.**

National Web Design Contest

June, 2012

Post Secondary Web Design Contest Guidelines and Work Order

Contest Guidelines Contents

- * Contest introduction - what we are testing you for
- * Challenge overview - challenge summary
- * Contest Rules - what is expected from you and the contest requirements
- * Client work order - contains the challenges and what the client wants to you to deliver
- * Specific challenges - a step by step guide to the challenges
- * FAQ - Frequently asked questions

Introduction

Each team will be asked to complete a series of website challenges that will test your:

- * Creativity
- * Graphic Design skills
- * Visual and Communication skills
- * Technical skills and Web development skills
- * Critical thinking and problem-solving skills
- * Ability to collaborate with your peers
- * Agility and adaptability
- * Initiative and entrepreneurial skills
- * Presentation skills

Contest Challenge Overview

- Specifically, you will be asked to create and develop a simple website consisting of the following distinct set of website challenges as outlined by the client in the work order.
- Create and design storyboard including wireframe based on input from the client as outlined by the work order.

- Create and design a logo as outlined in the work order by the client
- Design and develop Web pages with the following components in mind look and feel, function, navigation, page layout, fonts, color schemes, all graphic elements, and forms as outlined by client in the work order.
- Design and develop Web pages with Web Accessibility and Web standards in mind, they must be WAI compliant and pass W3C validation, and be cross browser compatible as outlined by the client in the work order.
- Incorporate Javascript for validation of the form as outlined by the client in the work order.
- Demonstrate your knowledge in the areas of Web Business including Branding, Web marketing and Search Engine Optimization (SEO) as outlined by the client in the work order.
- Give a Team presentation - You will be asked to present your Web Design and Development company to the review team. In short, why should we hire your team. You will also be asked to share your scaffolding of process including storyboard and wireframe. This is the time that you will also present your resume. You will also be allowed to ask questions of the contest organizers and the client.

Contest Rules

All completed websites and their related files will be submitted on a thumb drive that we will provide.

- Teams will not be allowed to use external resources (**there is no Internet connectivity** in the competition area and all teams will refrain from such access via their own connection). **Note: If the contest supervisor or judges observe you using cell phones or connecting to the Internet or texting during the competition, you will be disqualified.**
- Breaks including lunch: Lunch including sodas will be provided around noon on site. If you need to use the restroom you need to inform one of the Web design contest officials. Bottled waters are allowed and we encourage you to stay hydrated, snacks are allowed but not provided. **Bring your own prior to the contest.**

- Images will be provided by the contest committee at the start of the contest and no third party images will be allowed. You may use your own original graphics only if created on site during the competition.
- No pre-built templates are to be used.
- The focus of this contest is on client side technologies (for example, (X)HTML, CSS, and JavaScript).
- No server side scripting is to be included in the submitted materials.
- All materials submitted are to be free of malware
- NOTE: Virus Scan your folders prior to submission to the USB drive. submitting a virus or spyware on the USB drive is grounds for immediate disqualification). If you do not have updated Virus Scan software installed on your computer it is your responsibility to tell us so. Tell us this when we ask for your software license.
- Use of any Dreamweaver template (those which come with CS4/ CS5, CS6 for example which were created by Stephanie Sullivan) is not allowed (yes, we will know).
- Use of jQuery or other libraries is not allowed. Build your code from scratch, demonstrate your knowledge of (X)HTML, CSS, and JavaScript.
- As a general rule, tables should only be used to display tabular data; they should not be used for placement/ layout of text or images (use CSS instead).

Client Work Order

Client Introduction

You are tasked to create and develop resources as outlined in this document for the client

WebProfessionals.org. Specifically, you will be designing and creating one of their sites, WebdesignContest.org. As outlined in the Challenges section listed below.

About the Client: WebProfessionals.org

WebProfessionals.org is a non-profit professional association dedicated to the support of individuals and organizations who create, manage or market web sites. WOW provides education as well as certification, technical, employment and member advantage services to thousands of aspiring and practicing web professionals worldwide.

WebProfessionals.org Mission statement

WebProfessionals.org mission is to:

- Foster professional standards
- Advocate on behalf of Web Professionals
- Provide for communication among all web professionals., including corporate webmasters, developers and designers in government, business, and education, independent web professionals, and aspiring webmasters such as students
- Provide for education through the development of curriculum, publishing of articles and books, professional papers, and the sponsoring of seminars and conferences
- Stimulate the continued growth of the Web by providing a forum for the raising of new ideas and an effective mechanism for dialog on these issues
- Provide security, legal and marketing white papers as well as an area on the latest trends in the Internet on each of those

WebProfessionals.org Vision

As the Internet evolves, the role of the webmaster will evolve with it. WebProfessionals.org envisions itself as a community of common interest, where individuals can find common ground for communication and education, regardless of their specific responsibilities or abilities. This organization will be open to anyone in the world who believes in our philosophy and sincerely desires to enhance their capabilities and that of the World Wide Web. It will be administered by its members in accordance with democratic principles.

About the WebDesignContest.org initiative and site you will be tasked to work on.

Since 2003, the not for profit WebProfessionals.org organization in collaboration with SkillsUSA has sponsored the National Web Design Contest taking place in Kansas City, MO in June of each year.

The purpose of the Web Design Contest is to evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Web design, Web development and Webmastering.

Each team invited to the Nationals in Kansas City, Missouri will consist of individuals that will fill the roles of Web Designer, Webmaster and Web Developer.

The National Web Design contest will entail each team meeting a series of challenges. These challenges will focus on areas such as layout, story board and design, team work, project management and Web site accessibility issues as outlined in the current Web Content Accessibility Guidelines. There will be emphasis on creative aspects, CSS and coding and client side scripting.

Audience for WebDesignContest.org initiative and website

The audience for the WebDesignContest.org website that you will be designing and developing for consists of faculty advisors and teachers, students, including National Web Design contest participants just like you, parents, web industry professionals and potential employers as well as supporters and sponsors.

Client Web Site Requirements and Preferences

- Prefers a simple, minimalist but elegant layout and good use of white space.
- Color scheme - include color blue (CMYK #003366 RGB 0, 51, 102 CMYK 1,0.5,0,0.6 HSV 210,100,40) and black (CMYK #000000 RGB 0,0,0 CMYK 0,0,0,1 HSV 0,0,0)
- The new logo that you will create should appear on every page, though a larger version can appear on the Home Page as long as it is a consistent size on the other pages.
- Place their copyright notice in the footer of every page.
- The Client is open to your creativity on font size and type.
- It must meet the Web Content Accessibility Guidelines.
- The website should be attractive to both adults and students.
- Cross browser compatibility for Firefox, IE7 and Chrome
- Search engine optimized by the following keywords: School of Web, Web Design Careers, Web Developer Careers, Web Career Opportunities

Competition Challenges

Overall Instructions (Please read carefully)

The data files that you have been issued contains content information and images provided by your client. You are expected to use the files provided, along with the information given in the Client Work Order.

1. Create a folder named properly with your team number preceded by either a **P** (for post-secondary) or **S** (for secondary). The contests will be judged separately and we need to know which contest your entry folder belongs in. For example, **P042** would be the name of the folder for a team with a number of 42 in the post-secondary contest.
2. You will place **all** of your web site completed files in that folder. You will be responsible for making the necessary sub-folders for your CSS, Javascript and images and then naming all of your files accurately and appropriately within that team folder. The team folder is the **only** item that will be uploaded for the judges to see so make sure that all of your images and links work properly from within it.
3. All materials submitted are to be free of malware.

NOTE: Virus Scan your folders prior to submission to the USB drive. submitting a virus or spyware on the USB drive is grounds for immediate disqualification. If you do not have updated Virus Scan software installed on your computer it is your responsibility to tell us when we ask for your software license.

Challenge Instructions

Challenge Number 1 - Design Process and Communication

Purpose: Demonstrate your understanding of the design process and communicate what you are intending to create and develop with your team mate.

Instructions:

- Create and design storyboard including wireframe based on input from the client as outlined by the work order.
- Create your storyboard and wireframe on a sheet of 8.5 x 11 sheet of paper.
- Your storyboard should include your form of navigation, illustrations or images sequence for the purpose of pre-visualizing your work.
- You will bring and present your completed storyboard to your interview with the contest judges during the interview phase.

- You will be asked to present your Web design and development company to the review team. In short, why should we hire your team.
- You will share your scaffolding of process including storyboard and wireframe.
- Present your resume.
- You will be allowed to ask questions of the contest organizers and the client.

Challenge Number 2 - Design and Develop Web Site Pages

Purpose: Design and develop client pages with the following components in mind; including the look and feel, function, navigation, page layout, fonts, color schemes, all graphic elements, and forms. Refer to the Client Work Order for their specific requirements and preferences.

Instructions:

- Create the following four pages for the client web site;
 - Home
 - About
 - Blog Page that includes a working form, see Challenge Number 5 for the form instructions).
 - Contacts Page.
- Design the layout of your pages to include a logo that you will be asked to design, create and then integrate into your site in Challenge Number 4.
- Use the client work order information given above and the documents and images provided on your thumb drive as the content for the various pages.
- Design and develop the Web pages with Web Accessibility and Web standards with in mind (WAI compliant and W3C validation, cross browser compatible as outlined by the client in the work order.)
- Search engine optimized for the key words/phrases as indicated in the Client Work Order.

Challenge Number 3 – Web Site Navigation

Purpose: Demonstrate your understanding of using either CSS or JavaScript or a combination to develop and implement a functional and attractive navigation scheme for the website.

Instructions:

- Create all of the navigational elements for the Home Page and each of the subsequent pages.
- They should be functional and visually appealing, contributing to the look and feel of the overall site.
- The navigation should be fully accessible and consistent throughout the site.
- Utilize the graphic links and the link list provided by the client on the Suggested Links document and the Supporters document. You are responsible for their placement, formatting and functionality.
- The Logo should be a functional link to the home page.

Challenge Number 4 – Graphic Design and Asset Creation

Purpose: Demonstrate your graphic design skills and understanding of logo design by creating a new logo for the client that reflects the personality and message of the organization based on all of the information that you have been given.

Instructions:

- You may utilize any of the images that you have been given or design it yourself from scratch. You may alter and incorporate any elements of the provided images into the new logo and have free reign over use of fonts as well **but you may not use stock images or elements of any other images.**
- The logo must integrate the organization color palette as detailed in the Client work order.
- The client wants to use the same logo for all of his communication avenues so you will have to create a version that is appropriate in size, image type and quality for each of the following:
 - o Web Site
 - o Print for Posters
 - o Mobile Devices and Smart Phones
 - o Print for Magazines
- Name each of the logo versions specifically with their purpose.
- Place your new logo files in an **Image sub-folder**, that you will create inside your Team folder, that will be submitted to the judges.
- Integrate the new logo appropriately into client's web site.

Challenge Number 5 – User Experience

Purpose: Demonstrate your understanding of accessibility, form design, Javascript and layout.

Create a User Comments and Questions form for the Blog Page that you created in Challenge 2.

Instructions:

- Include the following fields, all of them are required content fields for the user except for the Demographic dropdown list which is optional. Use your knowledge of JavaScript to confirm that required fields contain data.
- First Name - Required
- Last Name - Required
- Email address - Required.
- Demographic – this is a dropdown list that contains the following items;
 - Student or Parent
 - Educator
 - Industry Affiliate
- Subject – Required
- Message – Required field, make sure there is sufficient space for a paragraph of information.
- The form should be fully accessible to anyone who may visit the page.
- The layout and design should be visually appealing as well as functional. It should reflect the design of the rest of the web site.
- Submit and Reset buttons should both be created to appear only after all required fields have been completed by the user.

Challenge Number 6 - Product Quality Assurance

Purpose: Demonstrate your knowledge of web site deployment and file management.

Instructions:

- Test your work from your Team folder to verify that what you are submitting to the judges is complete and fully functional. Only the team folder that you created will be uploaded for judging.
- Virus check your submission files. Remember, submission of a virus with your work **will result in immediate disqualification**