Regional Scope Document

INTERNET WEB SITE DESIGN

(Secondary) 2024 **Individual**

Contest Length: up to 5 hrs.

Purpose of the Challenge:

To provide an opportunity for students to demonstrate their ability to design a dynamic website that is not only aesthetically pleasing but also addresses accessibility issues.

Skills & Knowledge to be Tested:

Competitors will use their web design skills to produce a web site using HTML and CSS formatting. Additionally, competitors may incorporate JavaScript and PHP (that adheres to accessibility issues outlined in the judging criteria) into their site. Please note the judging criteria as outlined on the following page.

Advanced web page elements may be included in the web site:

- Use of a web page framework such as WordPress, Bootstrap, jQuery, PHP, Angular, React
- Use of a database
- Server-side script

NOTE: Scope is subject to change due to equipment / software availability and/or at the discretion of the local contest committee chairperson.

Topic:
The topic will be disclosed along with any specific instructions at the time of the competition.

***Closed Book Competition. No Additional Material Allowed.
****Internet access permitted to download any required software.

Specific Requirements:

Competitors must incorporate / demonstrate each of the following:
- Include clear descriptive information for the judges and clearly identify the first file (e.g. **index.html)**
- The web page document must be viewable in Firefox, Chrome, and Microsoft Edge and must be viewable in standard video resolutions.
- Code demonstrates correct syntax and is well formatted and commented.

- Include a thumbnail which enlarges the view of the image
- Include appropriate internal links for navigation and an external e-mail link.
- Incorporate a table and a list to convey information, either images, text, or both.

Equipment / Tools / Materials

Equipment supplied by the Committee: (subject to change depending on availability)
Latest versions of browsers Firefox, Chrome, and Microsoft Edge
- Windows 10 Professional
- Topic information and images.
- All the hardware and software needed on the day of competition.
  - Internet server:
  - PHP,
  - python
  - MySQL database, and /or
  - phpMyAdmin
- WYSIWYG Programs:
  - Macromedia DreamWeaver CS4, and / or
  - Adobe GoLive CS
  - WordPress
- Text Editors:
  - Notepad++
  - Atom
  - Brackets
  - Textpad, and / or
  - Sublime
- Image Programs:
  - Adobe Photoshop CS6,
  - Paint Shop Pro, and /or
  - GIMP

- Mail Server
- Additional Software that may be provided:

  - jQuery or any other frameworks such as React, Angular, Bootstrap, next.js, Vue, Ember, Svelte

  - Blender

Equipment supplied by the Contestant:
- Pens / pencils
- Headphones

Note: Internet access allowed for competitors during the competition if software is required. Music playing devices (not phones) will be permitted for competitors.

Judging Criteria:	/ 1000 points
Visual Design	
Navigation: Web page links are easily identifiable, and their use is intuitive. Users can move easily both forward and backward through the site. Path to desired information is clear. Use of menus, image maps, input types, etc direct visitors to relative information. Site interactivity is good. Links, buttons, check boxes, text boxes are used to give the user a high level of engagement.	/150
Layout: Content (text and graphics) is organized in a way to promote readability. White space and other devices are used to make the page easy to read or view. Page format is appropriate. Pages are not inordinately long. Scrolling is kept to an acceptable level. Use of tables, frames or other windowing devices does not clutter the site.	/150
Aesthetics: Site is aesthetically appealing. Use of background and foreground colour scheme promotes readability. Graphic size, positioning and type enhance text and navigability. Site visual them is consistent. There are no jarring changes in layout, font usage, colour palette, etc, as the visitor moves from page to page. Visual design is creative and displays a high level of originality.	/150
	Max Score: /450
Content (minimum 4 pages)	

Purpose of site is clearly identified. Titles, logos, headings, etc. communicate site intents and objectives.	1 2 3 4 5
Site content is organized in a logical and useful manner. Site content moves from introductory or general content to specific or detailed content.	1 2 3 4 5
Site content supports the intention of the site. The information is useful.	1 2 3 4 5
Spelling, grammar, syntax, vocabulary, etc. are used properly. Languages levels and usage are appropriate for the target audience.	1 2 3 4 5

Graphic and text work together to realize the objectives of the site. Graphics are not used for their own sake.	1 2 3 4 5
Content is creative. The content is presented in an interesting and original manner.	1 2 3 4 5
	Sub Total: /30
Max Score = Sub Total / 30 x 450 = / 450	
File Size	
Images and animations are of an appropriate size	
	Max Score: /100
Total Score:	/1000

Technical Committee:

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