

WORLD SKILLS JAMAICA NATIONAL SKILLS COMPETITION

WEB PAGE DESIGN - FINAL TEST PROJECT

April 23 to 25, 2008

Information Technology

Web Page Design – Final Test Project



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WORLD SKILLS JAMAICA COMPETITION APRIL 24 TO 25, 2008

GENERAL INSTRUCTIONS

1. Each competitor will be required to carry out the test project as specified and will be available on the website three months before the competition.
www.worldskillsjamaica.org
2. Each competitor will be required to carry out the test project as specified on the schedule to be handed out two days before the competition.
3. The time will be specified according to the test project.
4. 20% change will be made to the test project on the day of the competition where a new test project will be issued to the competitor.
5. All materials, ingredients, large equipment and specialized hand tools will be provided.
- 6. Please note that all competitors should provide their own small tools and utensils.**
7. Competitors are expected to identify all equipment/ materials/ingredients needed and submit list to the competitions committee no later than March 7, 2008.
8. Debriefings will also be conducted for all competitors on April 22, 2008.
9. All competitors will get an opportunity to arrange work areas the day before the competition. Where applicable competitors for the second day will arrange their work areas on the evening of day one. Competitors who fall in the second shift will get an opportunity to do their preparation at offsite locations (to be decided) where necessary.
- 10. Competitors and coaches are expected to find their way to the competition village on April 22, 2008 and to depart back home on April 26, 2008**
- 11. Transportation will be provided at designated times for all competitors and coaches to and from the competition venue.**
- 12. All coaches will play the role of experts (judges) for the competition**

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- 13. Accommodation and meals will be provided for all competitors**
- 14. Accommodation will be provided for coaches only.**
- 15. All other persons that support the competitors will need to make their own accommodation arrangements.**
- 16. Lunch and light refreshment only will be provided for coaches, (experts), workshop supervisors, national trade managers and volunteers.**

17. All competitors should be present for the opening ceremony along with their coaches.
18. Rehearsal for the opening ceremony will be held on the evening of April 22, 2008 in the Indoor Sports Centre.
19. Competitors are not allowed out of the competition village unless permission is granted by the dorm master.
20. All competitors are required to register at the competition village to qualify for entry into the competition.
21. Special permission must be granted if competitors need to reside off campus.

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DURATION: 5 HOURS

INTRODUCTION

WorldSkills Jamaica wishes to acknowledge the many people who participate and are involved in the technology and trades competitions. Your challenge is to build a **National Skills Alumni Website** to be completed in a specified time of 5 hours. The focus of the website is to attract competitors and volunteers who have been involved with this national skills event and to collect information for an alumni database. The website must be accessible to a wide range of people and must therefore follow basic usability standards as outlined in the 2007 scope accessibility guidelines.

INSTRUCTIONS TO THE COMPETITOR

- Your task is to design the National Skills Alumni Website.
- Content, images etc. have been prepared and are available on your hard drive.
- As this competition is based on an actual organization, disqualification will result if the website produced is, in the opinion of the judges, closely related to any existing website.
- Competitors may not bring their own scripts or software into the competition.

PROJECT SPECIFICATIONS:

Your website must include the following design elements and functionality:

1. An index/home page comprising
 - a. An animation appropriate for the Alumni website e.g. photos of alumni displayed randomly
2. About section comprising
 - a. About WorldSkills Alumni
 - b. A History of Worldskills [Blank page]
3. Alumni section
 - a. Listing of alumni names
 - b. Alumni Profile (Name , Country ,Alumni Category ,Trade area and description displayed)

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4. WorldSkills Competition

a. Past Competitions

- 2007 Shizuoka, Japan [<http://www.skillsfestival2007.or.jp>]
- 2005 Helsinki, Finland [<http://www.wsc2005helsinki.com/>]
- 2003 St. Gallen, Switzerland
[http://www.worldskills.org/2003stgallen/post_comp/index.html]

5. Contact section

6. Navigation

a. Footer information (Privacy policy, legal and copyright information)

NOTE: Check APPENDIX A for the menu structure

GENERAL GUIDELINES

1. The site needs to be lively with pictures, animation and interaction.
2. Your website will need to function on the web server provided.
3. You are free to produce your site with any skills you possess, i.e. static site, database driven, flash etc. Also the structure of the website is up to you as long as you keep to the menu above. We suggest reading carefully through this assignment and looking through the structure of the provided images, text etc. on the hard drive. In addition to the provided materials it's of course also up to you to produce new material with existing materials. There's no need to put in all the provided texts and images. It's up to you what you show in the website. **The minimum number of pages you have to design is 7.**
4. The Cascading Style Sheets used have to be W3C compliant.
5. Navigation buttons should be specified for all the web pages.
6. The Alumni registration area should collect the following data:
 - Note:
 - M – Mandatory
 - O - Optional
 - First Name M
 - Last Name M
 - Gender O
 - Address O
 - Country M
 - Email Address M
 - Alumni Category (Competitor, Volunteer, Expert) M
 - Trade area M
 - Profile (Description) O
7. Validate the details in the form using JavaScript. Apply server side scripting to save the details.

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Criterion: 1 (*Template/ CSS/GUI/Navigation*)

These elements of the website have to be accomplished:

- Template completed;
- Finished GUI;
- Finished navigation;
- Finished CSS;

Criterion: 2 (*Sign up form/Alumni Listing / Animation*)

These elements of the website have to be accomplished:

- Finished Sign Up Alumni form;
- Validate sign up form and apply server side scripting
- Listing of Alumni names
- Animation completed;

TECHNICAL SKILLS

1. Design the web site using HTML and/or DHTML using a Web editor.
2. Utilize style sheets to maintain consistency in the web pages.
3. Apply client side scripting using Javascript.
4. Apply server side scripting using ASP or PHP. The database can be Ms Access or MySQL.
5. Create graphics using graphics software.
6. Effective use of animations.
7. Images used should be optimized for the web.
8. The website should comply with w3c standards.

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SOFTWARES TO BE USED

- Web Editor : Microsoft FrontPage , Dreamweaver
- Graphics software : Paint shop Pro , Photoshop [Images], Animation shop pro , Flash[animations]
- Web Browser
- ASP
- PHP
- MS Access , MySQL
- Web Server- IIS, Apache
- WAMP

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MARKING SCHEME

Criteria 1: Form 5 – Objective Marking

Competitor Number: _____ **Competitor Name:** _____

Aspect ID	Max Mark	Aspect of Criterion – Description	Requirement of Normal Size	Result or Actual Value	Mark Award
1	1	Page layout completed: index/home page completed			
2	1	Page layout completed: alumni registration page completed			
3	3	GUI (index/home, alumni registration) must include: footer (1) main menu (1) sub menu (1)			
4	2	Navigation is operational			
5	1	Page layout works in native screen resolution and in 800 * 600 pixels			
6	0.5	Use page titles			
7	0.5	Apply alt/title attribute on images			
8	0.5	CSS includes format text			
9	0.5	CSS includes format color			
	Total /10				

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Criteria 1: Form 5A – Subjective Marking

Competitor Number: _____ **Competitor Name:** _____

Aspect ID	Max Mark	Aspect of Criterion – Description	Judge Scores					Mark Award
			1	2	3	4	5	
1	1	Is the layout colour scheme appropriate to target audience?						
2	0.5	Use of background and foreground colour promotes readability?						
3	1	Are the layouts aesthetically appealing?						
4	1.5	Visual design is creative. The visual design has a high level of originality						
5	2.5	Are the aesthetics of the GUI appealing and appropriate?						
6	1.5	Graphic size, positioning and type enhance text readability and navigability						
7	1.5	Is the navigation intuitive and user friendly?						
8	1	Is the path to desired information clear?						
9	1.5	Site interactivity is good. Links, buttons, check boxes, text boxes etc are used to give the user a high level of engagement.						
10	2	The fields in the registration form are arranged user friendly						
11	1	Are graphics and images used appropriately through the content?						
	Total /15							

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Criteria 2: Form 5 – Objective Marking –

Competitor Number: _____ **Competitor Name:** _____

Aspect ID	Max Mark	Aspect of Criterion – Description	Requirement of Normal Size	Result or Actual Value	Mark Award
1	1.5	Animation in working state			
2	1	File size of animation	Upto 500 kilo bytes		
3	1	Animation time	Min of 3 sec		
4	1.5	Registration form created properly			
5	0.5	Correct field types in registration form			
6	3	Alumni information – listing by alumni names			
7	1	Alumni information – profile page of alumni			
8	4	Registration – Form validation for all mandatory fields (error message) <ul style="list-style-type: none"> • Atleast 2 fields validated (2) • Atleast 3 fields validated (3) • All mandatory fields validated (4) 			
9	2	Registration-Collected alumni data is stored correctly in database			
10	0.5	Final Site - All content can be reached within 3 clicks from the home page			
11	0.5	Final Site – Animation is correctly integrated into website			
12	0.5	Code is internally commented (PHP/ASP)			
	Total /17				

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Criteria 2: Form 5A – Subjective Marking –

Competitor Number: _____ **Competitor Name:** _____

Aspect ID	Max Mark	Aspect of Criterion – Description	Judge Scores					Mark Award
			1	2	3	4	5	
1	0.5	Animation appropriate to the purpose						
2	0.5	Animation appropriate to the target audience						
3	1	Is the animation attractive?						
4	1	Appropriate balance between images and text in animation						
	1	Use of animation enhances the website and promotes the alumni website						
	2	Is the site aesthetically appealing and user friendly?						
	2	Is the website innovative/original and creative?						
	Total /8							

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Criteria	Objective		Subjective		Module Total	
1	10		15		25	
2	17		8		25	
Total:	27		23		50	

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JUDGE COPY

FORM 6

Skill Area: Web Design

Competitor # _____

Criterion #	Aspect of Criterion Description	Total Mark received for Objective Marking	Total Mark received for Subjective Marking	Overall Mark Awarded
1	Template/ CSS/GUI/Navigation			
2	Sign up form /Alumni listing / Animation			

Total Mark awarded _____

Signatures

Judge 1	Judge 2	Judge 3	Judge 4

CHIEF JUDGE
<u>Date</u>

CIS scoring

All competitors will be scored using the Computer Information System (CIS) – (400 to 600 possible points)

500 – Medallion of excellence

Top three scores will receive gold, then silver, then bronze

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Note:-

Formula for Subjective marking total score: Exclude the highest and the lowest score and find the average of the remaining three.

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APPENDIX A : Menu Structure

Main Menu Structure

- Home
- About
 - About WorldSkills Alumni
 - History of WorldSkills (Blank page – No content is required to be formatted for this page)
- Alumni
 - Alumni listing
 - Alumni Registration
- WorldSkills Competition
 - Past Competitions
- Contact

Other Menu Structure

- Footer
 - Privacy Policy
 - Legal
 - Copyright Info