



9th Iran Skills Competitions (2008)
(Province Level – English Version)



Skill: Web Design	Skill Nation Code: 8	Skill International Code: 17
Competitor Name:	Competitor No:	City:

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Note:

To dear competitors: First, Please read project completely.



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Project Description

For do this project, you must make documentation, design and implementation blog at 12 hours. This blog is your private site and you can post daily scripts in different subjects by administration panel. These blog visitors are different people. The visitors can search all the posts and can write comments for every post.

Blog Description

- The blog contains daily posts and comment system for all posts.
- The blog have different subjects and categories that author can specify category or categories of posts in one level.
- The posts sort by newer date in main page.
- There are the title and the full text of every post in main page. Afterwards, count of comments and "insert comment" link shown at the bottom of the post.
- The visitors can see the page of every post by click on post title or insert comment link. In page of post, the visitors will see post title, full text of post, post categories, comments and insert comment form. In addition, the web site keeps information of the visitor (name, email, and website) who post a comment in his computer. For next comments, comment form will fill with saved information automatically. The visitors have to fill comment field when they are posting new comment.
- The posts will archive monthly and the visitors can access to previous posts by clicking on month name in the archive menu.

Administration Panel

- Only administrator can add, edit or delete posts in administration panel.
- Also the blog administrator can delete the visitor's comments.
- Add, edit or delete categories do in this panel.
- The administration panel protected by username and password.

Technical Description

- Coding in XHTML Strict 1.0 standard
- Use alternative tags
- Use useful meta tags for search engine optimization
- View site pages in IE6 and Firefox 2.0 correctly.
- View site page in different display resolution (least 800*600 pixel)
- Design suitable logo for your blog
- May use keyboard for navigate in site pages
- Design table less template structure (use div tags and CSS statements)
- Observe harmony between background and foreground colour



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- Insert footer in bottom page contain copyright/copyleft line and main menu.
- You should use suitable images and observe blend colour
- Insert visit date in suitable place in all pages with PHP
- Validate the entered information by visitors in forms
- Protect the pages from PHP code injection or MySQL code injection
- Protect email addresses from spammer software in all pages

Project Documentation

The project documentation contains implementation methods and work methods, sections and structure of database tables also the location for saved files. Username and password for access to administration panel, used techniques and technical description for design and colours are used.



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Schedule Table

Day 1 (6 hours)

You must do the following tasks in first day:

- Complete Documentation
- Design graphical template and GUI with XHTML & CSS described in technical description
- Design and create database tables

Day 2 (6 hours)

The tasks for second day are:

- Create the post view page and comment system
- Create login system
- Create categories administration
- Create posts administration
- Create monthly archive
- Complete the web site (project)



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Evaluation Table (Day 1)

Title	Description	Max Mark	Mark Awarded	Extra Description
Documentation	1. Project documentation (hard copy)	5		
	a. Project introduction, deployment plan and target audience explanation			
	b. Technologies are used and timetable			
	c. Graphical properties			
	d. Technical description			
e. Database table structures				
Total		5		
Banner & Logo	1. Colour usage in banner and logo	1.5		
	2. Colour-scheme in banner and logo	1.5		
	3. originality and creativity in design of banner and logo	2		
Total		5		
Template Details	1. XHTML & CSS Code validation in Strict	5		
	2. Alt tags usage	1		
	3. Using meta tag for better search engine result	2		
	4. External files for CSS & JavaScript	1		
	5. Correct appearance in IE6+ , Firefox 2.0+	3		
	6. Correct appearance in different resolutions (least 800x600)	1		
	7. Using table less method for design	6		
	8. Main menu existence including Home Page link	1		
	9. Footer section existence	1		
	10. Navigation in footer presence	1		
	11. Copyright/Copyleft note existence	0.5		
	12. Use a correct place for banner	0.5		
	13. Presence of date in a right place	1		
	14. Graphical proportion for all sections	3		
	15. Suitable colour-scheme	2		
	16. Selecting right position for category menu and archive list	1		
	17. Is the site user friendly	2		
Total		32		
Database	1. Correct design for database table structures	3		
Total		3		



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ازبان آموزش فنی و حرفه‌ای کشور

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Evaluation Table (Day 2)

Title	Description	Max Mark	Mark Awarded	Extra Description
Site View	1. Posts page	3		
	2. Show comments for each post	3		
	3. Presence of Category menu	1		
	4. Presence of Archive menu	1		
	5. Building auto archive system with correct output	3		
Total		11		
Comment System	1. Getting Name, Email, Website URL and Text for each comment for posts	1		
	2. Keeping information for users are posting comment	1		
	3. Form validation (empty fields not allowed)	2		
	4. PHP and MySQL injection guard	1		
Total		5		
Administrator	1. Designing and implementing weblog connected control centre	3		
	2. Right control in login section	1		
	3. Right control in logout section	0.5		
	4. Add new Category	1		
	5. Modify Categories	1		
	6. Removing categories, and move removed category posts to another category or remove the based on administration option	2		
	7. Make new post	3		
	8. Edit posts	3		
	9. Delete posts and its comments	1		
	10. Deleting comments	0.5		
Total		16		
Completion	1. Ability to use site without the mouse (select menus and form field using the keyboard)	2		
	2. Navigation correct working while a post is showing	3		
	3. Using modular codes and Object Oriented method for writing site codes	3		
	4. Using brand new technology such as AJAX	3		
	5. Is the site completed (the site should be work as well)	12		
Total		23		



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مسابقات آموزش فنی و حرفه‌ای کشور

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Final Evaluation

Title	Description	Max Mark	Mark Awarded	Extra Description
Total	Day 1 - Documentations	5		
	Day 1 - Banner & Logo	5		
	Day 1 - Template Details	32		
	Day 1 - Database	3		
	Day 2 - Site View	11		
	Day 2 - Comment System	5		
	Day 2 - Administrator	16		
	Day 2 - Site Completion	23		
Mark Total		100		

Signatures of Judges

Signature of Chief Judge

- 1.
- 2.
- 3.
- 4.
- 5.



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Allowable Software

Apache HTTPD Server
MySQL Server 5.0.0 +
PHP 5.x.x Last Release
phpMyAdmin 2.11.5.1 +
Internet Explorer 6
Mozilla Firefox 2
Adobe Dreamweaver CS3
Adobe Flash CS3
Adobe Photoshop CS3
Adobe Illustrator CS3
CorelDRAW 13
MS Office 2007

Computers Requirement

The computers are used for competition should be equipped with suitable hardware that can run software and applications smoothly.