

Group Project Outline

Overview

The group projects are your opportunity to demonstrate applied knowledge. You should use your creativity to implement a website that uses JavaScript in useful, user-centered applications. As with all assignments, please be sure to follow directions carefully. Be sure to present your product well by avoiding spelling errors or obvious defects in design and implementation.

Assignment (*choose only of the 3 assignments listed below*)

1. The Alphabet Street children's television program is looking to update their website. They want to help children learn a basic skill (such as arithmetic or reading). They would also like 2 other interactive learning activities for the children.
2. Wicked Nights, a nightlife promotion group is looking to create a new website. They want their visitors to get excited visiting their events at various nightclubs and bars. Visitors must be able to submit their contact information to hear about new events, and view a calendar of upcoming events. Music samples, video or other media will entice visitors.
3. The Art Institute of Chicago is looking to make some enhancements to their museum website. In particular they want to improve their visitor information site. They have outlined the following requirements:
 - An interactive set of pages that describes different areas of the museum (e.g. Renaissance Art, Medieval Art, Modern Art)
 - An interactive trivia quiz about 20th Century visual artists
 - An interactive game with an art theme

All sites must demonstrate well-constructed HTML.

If you would like to do something other than what is described above, please talk to the instructor first.

Any work that was completed outside of this class cannot be submitted for this assignment. Any attempts to do so will result in a failing grade.

General Guidelines

The assignment must be completed by a group of 2 or 3 individuals.

All code must be created using JavaScript, HTML and CSS. No Flash or Shockwave files can be used.

Code Guidelines

- All code must be original work and cannot be copied from existing websites or code banks.
- All code must be commented
- All code should work for Microsoft Internet Explorer (6.0) and Mozilla Firefox (6.0) and above.

Evaluation

Your software will be beta tested by the class one week prior to grading (Week 10). This is your opportunity to correct any unforeseen errors or usability issues. Groups that do not take suggestion from testing must articulate why they chose not to in a detailed write up.

Your grade will be based on the following

75%: *Initial beta test*

25%: *Final product*

Beta Test

The beta version of the site should be fully functional. The website you present to the class must be showcase quality. At this stage the websites should be easily used without much explanation. An "A" product will be well thought out, original and fully functional. An "A" product may have a few minor spelling errors or usability oversights, but generally indicates a significant amount of planning and development.

Final Product

The final product will be polished and error free. It should demonstrate an understanding of the concepts discussed in class and in the class textbook. Use of functions, conditional logic, DOM and other key concepts demonstrates and understanding of them. Please use the material covered in class effectively.

This project may be a strong candidate for addition to your final portfolio. Please complete the project with this in mind.