Web Design DeCal

Final Project   Dec 2nd

Make Something Cool

Throughout the course, you have learned various web development techniques, from HTML & CSS to Javascript & JQuery, as well as design theories like spacing and positioning. Now you have all the tools you need to make a website. Your goal for this project is to make any kind of website you want. It's all up to your creativity!

Requirements

This is an individual project.

You must create a fully functional website. By fully functional, we only mean fully functional on the front-end. This means that you might not have logins, signups, or commenting features that require back-end implementation, but everything else should work, i.e. when you click on a button, it should do something.

Our DeCal website is an example of a fully functional website on the front-end. We don't have any back-end implementation other than the Portal, but it still serves its purpose.

Here are the specs for this project:

1. You must create at least 3 views. Alternatively, you can have a one-page layout, but you must have 3 separate sections, each with different content.

2. You must choose **6 JQuery Functions** from the following list of JQuery functions:

    1. show(), fadeIn(), or slideUp()
    2. hide(), fadeOut(), or slideDown()
    3. css()
    4. attr()
    5. addClass()
    6. removeClass()
    7. hasClass()
    8. click()
    9. hover()

10. text()
11. html()
12. offset()
13. position()
14. scrollTop()
15. append()
16. prepend()
17. children()
18. parent()

3. Your website must support following web browsers and screen resolutions:

   1. Web Browser: Chrome, Safari, Firefox, Internet Explorer 10 & 11
   2. Screen Resolution: 1024x768 ~ 1440x900

As long as you stick to these requirements, you can make anything you want!

(Tentative) Grading

- UI Aesthetics: **11 points**

  We will be judging you on the aesthetics of your website; in particular, spacing, color, typography & images, and positioning.

- User Experience: **11 points**

  We will also look at how the interface enhances the usability of your website. For example, if you have an image-heavy website, grid UI might be better than using a straightforward list UI.

- 6 JQuery Functions: **6 points**

  This course is a chance for you to practice your JQuery/JS skills! If you implement 6, working JQuery functions, you will receive full credit. You will lose 1 point for each unimplemented/buggy JQuery function.

- Check-in: **4 points**

  Just like the group project, there will be a check-in with the TAs on November 22nd to review your current progress and to give you feedback on your final project. Please come prepared with mockups for each of your page, and please be on time! If you do not have all three mockups and/or you do not arrive on time, you will not receive full credit.

- **Total: 32 points**

Timeline

Here are some important dates for your final project:

1. Project Check-in: **November 22nd**

   You must check-in with your assigned TA on November 22nd. We will release the check-in time slot signup form next week, so please look out for the email.

2. Project Due: **December 2nd at 12PM (noon)**

   Your project is due on December 2nd at 12PM (noon). This is so that we have enough time to look over your submissions and choose the top 12 students to present among the panel of judges at the final presentation. We will notify you by 6PM on December 2nd if your project has been selected.

3. Final Presentation: **December 3rd**

   12 students will be selected to present their final projects in front of a panel of judges and mentors on December 2nd. Based on the presentations, we will select top 3 students for prizes. **Everyone** must attend the final presentation regardless of whether they are presenting to receive attendance credit.

Using Online Resources

Here are some rules regarding the use of online resources. If you have a question of whether something is acceptable or not, don't hesitate to ask.

- You are not allowed to use Templates like premade themes for Wordpress and Tumblr.
- You are not allowed to use CSS Libraries like Twitter Bootstrap or Foundation.
- You are not allowed to use site builders like Squarespace or Wix.
- You are not allowed to copy the code of other websites and modify it. Trust us, we will know.
- EXCEPTION: Javascript/JQuery plugins are okay. (e.g. waypoints, masonry)

Design Process

Here's an example design approach you might want to take:

1. Define the purpose of your website.
2. Outline what content would go into your website.
3. Research what UI would work the best for the type of information you are trying to convey.
4. Create a low-fi prototype
5. Get feedback (Check-in!)
6. Create a hi-fi prototype with just HTML/CSS
7. Add your JQuery gimmicks

Submission

You will submit your project by deploying your website to a live web server. Please use **this Google form (click me)** to send us the url to your live website! (Your url should look something like username.github.io, where username is your GitHub username.) Refer to the "Deploying to GitHub" lecture for help with getting your website up on GitHub's web server.

Submit the following files as a zip file through Assignments under the Assignments tab of the WDD Portal:

- index.html

Your assignment must be submitted as a **zip** file. Submission will automatically fail if your submission does not contain the index.html or if is not a zip file.

This assignment is due by Wednesday, **December 2nd** at 12PM (noon).