University of Cyprus

Computer Science Department

CS425: Internet Technologies

Fall 2018

Announced Date: Tuesday, 23/10/2018
Submission Date: Tuesday, 06/11/2018 (23:59)

Implementation of a responsive Website using HTML/CSS

Mr. John Doe is an upcoming photographer that requires a website in order to promote his work and find new clients. As a skillful website creator, you have been hired by Mr. John to create a simple website to promote his business, JD Photography.

Mr. John wants his website to consist of the following three pages:

1. **Home Page:** The home/landing page will be the entry point of the website. At the top of the page, Mr. John wants you to add a banner, with a nice background and with the company's name at the center (horizontally & vertically). Following the banner, the home page should have different sections that will include the company's vision, a photo gallery (multiple columns) of previous work and testimonials from customers.
2. **About:** The about page will contain a short bio of Mr. John Doe. When viewed from the desktop, the page should be in two columns. The left should have Mr. John's photo and on the right his bio. On mobile, the page must have one column, with the photo on top and the bio on the bottom.
3. **Contact:** The contact page should contain the address of the studio, working hours and a form for messaging Mr. John. The form should have fields for: name/surname, email, message subject and text. The form should also offer a way for someone to choose a meeting date/hour. You are NOT required to implement the functionality of the form.

Requirements:

1. All pages should have a navigation bar in order for a user to navigate between the pages. The navigation bar should "stick" on top of the page while a user scrolls through a page.
2. All pages should have a footer with links to the company's social media as icons. You are free to use an icon library.
3. All pages should have a back-to-top button that "sticks" on the bottom of the page that can send a user to the top of the current page.
4. All pages should be responsive, meaning should be able to adjust in all screen sizes, without the need of a horizontal scroll bar.
5. All pages should be able to be viewed correctly the same by all modern browsers (Google Chrome, Mozilla Firefox, MS Edge, Opera, Safari etc.).
6. All pages must have a title, author, description, keywords and favicon.
7. The website must make use of an external font for the text (headers, paragraphs, links etc.).
8. The use of frameworks or any other language is forbidden. The website should only consist of HTML and CSS files that you created from scratch by yourself.

Hosting:

You are free to choose between the following options to host your website

1. In your public html folder of your CS account, which will be publicly available at: http://www.cs.ucy.ac.cy/~username/jdphotography
2. On a AWS Instance
3. On GitHub pages (Tutorial: https://pages.github.com/)
4. or anywhere that would be publicly available

Hosting is part of you evaluation and it is also a requirement.

General Instructions:

1. This is NOT a team assignment. You are required to work on your own.
2. You are required to utilize GitHub for the revision control of your website. You should use a descriptive repository name, for example: "*cs425_fall18_hw02*".
3. All commits should be accompanied with meaningful messages.
4. Once your website is developed and acts as expected, commit and tag it as "**final**". Send an email to aandre28@cs.ucy.ac.cy with the links to your GitHub repository and to the publicly available website by the 06 of November 23:59. Any submissions and commits after that will not be graded.
5. The Top 5 best designs will be showcased in the lab!
6. Use descriptive names, classes, ids since you will be asked to make live changes as part of your evaluation.
7. Avoid plagiarism. Your solution will be checked by plagiarism detection software.

   Plagiarists will be given the mark of 0 and risk further disciplinary actions.