

Advanced Web Authoring

Tutor Marked Assignment (TMA)

1. Introduction

The TMA carries 25% of the total marks for this module. It requires you to:

- Construct a single responsive HTML page based on two page mockups: one for small screens and one for larger screens.
- Write a short evaluation of the efficacy of CSS grid layout.

2. TMA Requirements

2.1 Web Page

Build a single webpage based on the mockups provided. The page should:

1. Be built using a mobile first approach (This should be reflected in the structure of the CSS).
2. Be responsive. The page should have two layout versions: one for smartphone and small tablet, and one for large tablet, notebook and desktop as shown in the mockups. Responsiveness should be achieved using media queries.
3. Be cross browser compatible with the latest versions of Chrome, Firefox and Internet Explorer, as well as with IE9 and IE10. To ensure maximum cross browser compatibility you should include an example of CSS reset, an example of the use of feature queries and an example of the use of a vendor specific prefix.
4. Be predominantly laid out using CSS grid.
5. Include examples of at least three of the following CSS 3 techniques:
 - a. Child combinator.
 - b. Sibling combinator
 - c. Attribute selector
 - d. Position pseudo classes
6. Be standards compliant.
7. Conform as closely as possible to the design provided in the mockups.

2.2 Critique of Grid Layout

Write a short evaluation of CSS grid layout. This should include a description of the grid layout technique. Advantages and disadvantages of the technique. Plus, a comparison with other layout techniques. The evaluation should be between 600 and 700 words.

3. Deliverables for Assessment

Publish your completed page to the following URL. Failure to publish your page to the correct location will incur a 5% deduction in your marks.

<http://titan.dcs.bbk.ac.uk/~username/watma/index.html>

Submit all your website files in a zip file in the WA TMA dropbox in Moodle (*username_wa_tma_web_files.zip*).

Submit your evaluation in the WA TMA dropbox in Moodle (*username_wa_tma_critique.doc*).

4. Getting support

Support for the TMA work will be available from your tutor until two weeks before the assignment deadline.

5. Getting feedback

Feedback on your TMA will normally be available within two to three weeks of submission.

6. Backing up files

Always keep a back-up copy of all work submitted for assessment in case of unforeseen submission problems.

7. Plagiarism

Plagiarism is a serious offence and can result in serious consequences for offenders. You should be aware that we use a range of automated tools to spot potential plagiarism in spreadsheets, databases, program code and text documents. Providing you clearly reference the materials you use, work done by others that you have included in your TMA will not normally be treated as plagiarism.

In the course of completing the assignment, we acknowledge that you will research code from books and from online sources. Ideas and techniques from these sources may be used in the completion of your own work. HOWEVER, your own work MUST differ significantly from any third-party sources. If it does not, this will constitute plagiarism. You must also clearly reference any third-party sources you have used. Likewise, we acknowledge that some students will work together collaboratively to solve problems. Again, if you do this,

each student's final submission must be markedly different. If your work is not markedly different from another student's work, again, this will constitute plagiarism.