Term project from ATPW1 – Static web site

Submission deadline: April 22 2019, 24:00:00.
Points (minimal limit): 30 points (min. 18 points)
Submission: in e-course exclusively using „project submission" tool

PROJECT FOCUS

The purpose of the "Static web site" term project is to prove that the student has acquired practical skills needed for creation static web site. The project is composed of analysis, design and implementation of a web site.

GENERAL REQUIREMENTS ON SOLUTION

1. The web site is coherent in its topic. It is created as if it was intended as real contract for a real customer.
2. The web site is responsive and it uses Media Queries. At least 4 responsive variants are implemented. The least width it is optimized for is 480px. One of these variants is a printed variant.
3. The web site works and is almost identical in Chrome, Safari, Firefox and Edge browsers.
4. The web site is intuitive and clearly organized.
5. The source code is clearly organized, logically ordered, with meaningful comments and valid according to the standard of the corresponding language (HTML5, CSS3).
6. The smallest required extent is 5 pages (HTML documents) and 1000 words.

CONTENT

7. The content division is suitable, readable, balanced in its division into pages.
8. Headings and meta elements contain meaningful and relevant text
9. The language of the content can be chosen according to the preferences of the student.

OBLIGATORY (OPTIONALLY) APPLIED ELEMENTS

10. Structural HTML5 elements (header, nav, footer, article), containers (div)
11. Headings at least of the first and second level, links, images
12. Structural elements aside or section or span.
13. Table or ordered list or unordered list (navigation menu is not counted).

FORMATTING

14. All formatting is specified in CSS3 exclusively.
15. The stylesheet is defined in an external file.
16. Style is normalized ane/or reset by own or adopted stylesheet.
17. All visual elements used have their style defined.
18. CSS is properly constructed, selectors definition is effective and reusable. General as well as specific selectors are used. Inheritance is well used, pseudoelement and pseudoclass selectors are used.
19. All variants of content styling are optimized with respect to the intended output device.

SITE FUNCIONALITY

20. Navigation menu is used (including its responsive variants).
21. Photo gallery is implemented using library (such as LightBox, Magnific Popup libraries).
22. Element of at least one different web site is integrated (Facebook, Google maps, Youtube, …).
23. At least one multimedia element is integrated.
24. Complementary interactive element in JavaScript is included (own or retaken).
25. All JavaScript code is defined in an external file.

ACCESSIBILITY

26. Colour patterns is suitable chosen, text and background colours are in contrast.
27. Images have the alt attribute specified suitably.
28. The web site is usable even if JavaScript or CSS styles are not permitted in the browser.

OTHER REQUIREMENTS

29. The web site is clearly denoted as a term project in the footage of the page.
30. Information given on the project pages does not need to reflect the reality.
31. The project is not a variant of an existing web site nor does it copy an existing web site. Neither the project nor any of its parts violate copyright laws.
32. The project is original and exclusive work of the student including the styling and responsivity.
33. Usage of JavaScript libraries for complementary functions is allowed. Usage of frameworks (e.g. Boostrap, Skeleton) is forbidden.
34. Project is published at Internet; lide.uhk.cz web server is preferred (other place can be chosen).

SUBMISSION

Submit your work using the project submission tool in ATPW1 e-course. Fill in the protocol, pack the project and the protocol in one file (of e.g. zip format) and submit the file.