

Assignment #8. Full website (Interactive Website)

Student: Write your full name

Group: Write your group

Objective:

The goal of this assignment is to apply all the knowledge gained in previous assignments to create a fully functional, multi-page interactive website. Students will demonstrate skills in HTML, CSS, Bootstrap, JavaScript, jQuery, and responsive design principles. (this assignment is the draft version of your final project).

Rules for Submission:

1. The assignment must be completed individually. If you have the same paperwork with other students, you will have 0 to this work.
2. The assignment must be submitted by the deadline which is specified in the lms.astanait.edu.kz. Works submitted after the deadline will not be accepted! To receive a grade, you must submit by deadline and defend your work at practice lesson time.
3. SUBMIT REPORT(DOC FILE) AND YOUR PROJECT FOLDER IN ZIP FORMAT. Ensure that the project runs without errors.
IN REPORT SHOULD BE:
 - o YOUR NAME, GROUP
 - o All parts with screens(write part, task and then add screen)
 - o Summary of your work process

General Requirements

- o Website must include at least **3-5 pages** (page types depend on your chosen topic).
- o Pages must share a **consistent design** (header, footer, fonts, colors).
- o Every page must contain:
 - o **Header:** logo/title + navigation bar
 - o **Main content area:** topic-specific content (projects, posts, products, etc.)
 - o **Footer:** copyright, contact info, or extra navigation links
- o Website must be **responsive** (desktop, tablet, mobile).
- o Must use **Bootstrap Grid system** for layout.
- o Must apply **custom CSS** for styling.
- o Must include **at least one interactive component** (gallery, carousel, accordion, modal, etc.).
- o Must use **JavaScript and/or jQuery** for interactivity (form validation, effects, animations).

Examples of Possible Pages (choose based on your topic)

- Portfolio → Home, Projects, Contact

- Blog → Home, Articles, About, Contact
- Online Shop → Home, Products, Cart, Checkout
- Company Website → Home, Services, Team, Contact
- Landing Page → Hero, Features, Testimonials, Contact

(Students can adapt page names and structures depending on their project idea)

Evaluation Criteria (100%)

1. Project Structure & Pages (15%)
At least 3-5 logically connected pages with proper navigation between them.
2. Design Consistency (10%)
Unified header, footer, colors, and typography across all pages.
3. Responsive Layout (15%)
Website adapts properly to desktop, tablet, and mobile devices.
4. Bootstrap Grid Usage (10%)
Correct use of the Bootstrap 12-column grid system for layout and responsiveness.
5. JavaScript Functionality (10%)
Interactive features implemented with JavaScript (e.g., form validation, dynamic content).
6. jQuery Effects/Animations (10%)
At least one jQuery effect or animation implemented correctly (fade, slide, toggle, etc.).
7. Interactive Component (10%)
Functional element such as gallery, carousel, accordion, or modal window.
8. Code Quality & Semantics (10%)
Clean, readable code with proper indentation, semantic HTML, and comments.
9. Defense during Practice Lesson (5%)
Student presents the project, explains design and implementation choices, and answers instructor's questions.
10. Report (5%)
Well-structured report with screenshots of each page and a summary of the work process.

Good luck!