

Assignment 8 Frontend

Kuanysh Beibarys SE-2413

Part 1. Responsive Design & Navigation

Task 1. Functional Responsive Layout

Fully responsive design using Bootstrap grid system
Media queries applied for mobile, tablet, and desktop
All sections adapt smoothly without overlapping

Task 2. Working Navigation and Footer Links

All navigation and footer links are functional
No broken or placeholder links
Works correctly across all screen sizes

Part 2. Functional Elements & Accessibility

Task 3. Functional Buttons Only

All buttons perform meaningful actions
Forms include validation for required fields

Task 4. Accessibility and Color Contrast (WCAG AA)

Color contrast verified with WebAIM Contrast Checker
Contrast Ratio: 13.18:1 (exceeds WCAG AAA standards)
Colors: #E0E0E0 on #1A1A1A
All WCAG AA/AAA tests: Pass



Normal Text

WCAG AA: **Pass**
WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Pass**
WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: **Pass**

★
Text Input

Task 5. Polished Images and Media

High-quality images with compression applied

Audio/video components work properly

Part 3. Dark/Light Mode

Task 6. Day/Night Mode with Local Storage

Toggle button implemented

Preferences saved in Local Storage

Theme persists after page refresh

Night mode: dark background (#1A1A1A) + light text (#E0E0E0)

Day mode: light background + dark text