



Responsive Web Design: ActiveLife Fitness

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Project Description

The *ActiveLife Fitness* project is a responsive website designed to demonstrate core principles of modern web structure using HTML and CSS. The site presents a clean, organized layout featuring a daily class schedule, trainer information, membership plans, and gym hours. Flexbox is used extensively to manage alignment, spacing, and component organization across different screen sizes. Media queries ensure the layout adapts smoothly from mobile to tablet and desktop displays, reflecting a mobile-first design approach. The project emphasizes semantic structure, accessibility-friendly markup, and modular styling. Overall, the site showcases how structural HTML and responsive CSS work together to create a functional, user-friendly fitness center webpage.

ActiveLife Fitness

[Classes](#) [Trainers](#) [Membership](#) [Contact](#)

Today's Classes

Morning Yoga

Trainer: Emma
Time: 7:00 AM

[Join Class](#)

HIIT Workout

Trainer: Daniel
Time: 9:00 AM

[Join Class](#)

Spin Cycling

Trainer: Laura
Time: 11:00 AM

[Join Class](#)

Membership Plans

Basic: \$25/month
Premium:
\$45/month
Unlimited Classes

[Register](#)

Strength Training

Trainer: Mike
Time: 1:00 PM

[Join Class](#)

Pilates

Trainer: Sarah
Time: 4:00 PM

[Join Class](#)

Evening Cardio

Trainer: Alex
Time: 6:00 PM

[Join Class](#)

Gym Hours

Mon - Fri: 6AM - 10PM
Sat - Sun: 8AM - 8PM

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Desktop
View

Tablet View

Reflection

Building the *ActiveLife Fitness* website helped me strengthen my understanding of how HTML structure and CSS layout techniques come together to form a responsive, user-centered design. One of the most valuable parts of the project was learning how Flexbox behaves across different screen widths and how media queries can completely reshape a layout without rewriting the core HTML. I also gained a better appreciation for clean, semantic markup and how it improves both readability and long-term maintainability. Debugging spacing, alignment, and wrapping issues taught me to think more carefully about container relationships and flow direction. Overall, this project gave me practical experience applying the foundational concepts from CS 131 and helped me feel more confident designing modern, responsive web pages.

Mobile
View