

# AQUENT

## GYMNASIUM

RESPONSIVE WEB DESIGN

Lesson 9

# MATERIALS & ASSIGNMENT

## THIS LESSON'S CORE CONCEPTS

1. Responsive Navigation needs to be understandable, usable, and visually pleasing across a wide range of devices. Achieving this goal is particularly important because navigation is interactive and users faced with poor navigation will quickly grow frustrated.
2. Navigation needs to adapt to the fluid layouts that are typical of Responsive Design. There are multiple solutions for navigation, and some of the aspects to consider when choosing a solution include the touch target (size of the links), the amount of screen space used, how complex it is to implement, and whether it offers a navigation pattern familiar to most users.
3. Navigation needs to work on both desktop and touch devices. In a “mobile first” workflow, a great deal of attention is paid to the navigation before implementing the desktop navigation.
4. The method of navigation used in this lesson is a toggle menu that expands and collapses to reveal or conceal a single column of links. The implementation of this menu is accomplished with the “Advanced Checkbox Hack,” which uses a label and checkbox element to control the behavior of the navigation.

## READINGS

- <http://responsivenavigation.net/>  
An entire website devoted to exploring the methods of dealing with Responsive Navigation.
- <http://www.besquare.me/session/responsive-navigation/>  
David Bushell speaks about navigation options for responsive websites and the importance of remaining device agnostic.

## WEBSITES MENTIONED IN THE PRESENTATION

- <http://www.sitefinity.com>
- <http://www.contentismagazine.com>
- <http://bradfrost.github.io/this-is-responsive/patterns.html#navigation>
- <http://developer.apple.com/library/ios/#documentation/userexperience/conceptual/mobilehig>
- <http://37signals.com/svn/posts/3126-another-9999px>
- <http://css-tricks.com/the-checkbox-hack/>
- <http://timpietrusky.com/advanced-checkbox-hack>

## ASSIGNMENTS

1. Quiz
2. **Add Responsive Navigation to your page**  
Use the Advanced Checkbox Hack as outlined in the lesson, or if you feel your site requires a different approach, then feel free to implement that one. If you have questions, be sure to post them on the Forum.