Lecture 9

Previous lecture:
Task 1 – self-evaluation: Assignment 5 – Mobile First: Case "4 fantastiske rundrejser" … Done!
Task 2 – Image Optimization: Follow me … Done!
Assignment 6 – Performance: … Evaluate!

Literature:

14.11 8:30	6 lessons	Mobile Sites: Implementation Strategies: https://www.design19.org/blog/responsive-design-separate-website-dynamic-serving/ Dynamic Serving (PHP): http://www.vervesearch.com/blog/the-ultimate-guide-to-developing-mobile-websites/ RESS: Responsive + Server Side Components: http://www.lukew.com/ff/entry.asp?1392 User Agent Detection: http://mobiledetect.net/

Today's Learning Goals
RESS: Responsive Design + Server Side Components
Mobile Sites: Implementation Strategies, - pros/cons
Interaction in relation to Report writing

RESS: Responsive Design + Server Side Components
(Luke Wroblewski, 2011)

Link: http://www.lukew.com/ff/entry.asp?1392

Client and server – let's join forces! Goal: A one-page solution on steroids.

Client: RWD – fluid layout, flexible images, media queries.

Server: Server-side components based on user agent detection.
// echo $_SERVER['HTTP_USER_AGENT'];

Components (examples):
1. Different navigation (header, footer) for mobile/other devices
2. Different images on mobile/tablet/laptop or more images on tablet/laptops

Example: Different image on mobile/all other devices:

require_once 'Mobile-Detect-2.7.4/Mobile_Detect.php';
$detect = new Mobile_Detect;

// Any mobile device (phones or tablets) and then Exclude tablets
If ($detect->isMobile() && !$detect->isTablet()){

```
            $image = "images/portrait200_mobile.jpg";
} else {
            $image = "images/portrait200.jpg";
     }
```
This code is based on a server-side device detection class in PHP.
Link: http://mobiledetect.net/

Task 1: Device Detection and Server-side Component: Dedicated website (Nike)
Follow me: - lecture7 to lecture9 …

Task 2: Device Detection and Server-side Component: RESS (Dynamic Serving)
Follow me: - lecture9 to lecture9-ress …

Task 3: Mobile Sites: Implementation Strategies
Analogue task in groups: See matrix on board …

Task 4: Work on your interdisciplinary project …
- Read: Interaction in relation to report writing: Reportwriting-Interaction.pdf

Mandatory Assignment
There is no assignment today due to the interdisciplinary project … ☺

Next lecture
Literature:

30.11 8:30	6 lessons	**Working with Github and Portfolio** GitHub: James Williamson: Github for Web Designers: https://www.lynda.com/GitHub-tutorials/GitHub-Web-Designers/162276-2.htm **Advanced CSS, CSS Pre-processors, CSS Grid** Learn SASS in 15 Minutes: https://tutorialzine.com/2016/01/learn-sass-in-15-minutes A Complete Guide to Grid: https://css-tricks.com/snippets/css/complete-guide-grid/