



RWD

Class 12

Overview

Updates on HTML/CSS Prototypes (15 min)

Usability (30 min)

Accessibility (20 min)

Technical Testing (15 min)

Break (5 min)

Assignment Hands-On (65 min)



HTML/CSS & Wireframes

Updates



Usability



What Is Usability Testing?



Design To Test

Goals + Tasks

Facilitator

Notetaker

Participant

(Observer)



How Do We Design Effective Tasks?



Scenario: Mini story

Direct Task: Find this
thing



Avoid:

Using cues that lead users
to the answers

Ambiguity



Website: www.ohio.gov

Goals:

Provide access to Ohio tax filing and refunds.

Allow residents to easily look up Ohio agency contact information.

Allow residents to search for jobs in Ohio

Provide a list of things to do in Ohio for visitors

Allow Ohio new businesses to easily get started.

Provide access to vehicle registration services.

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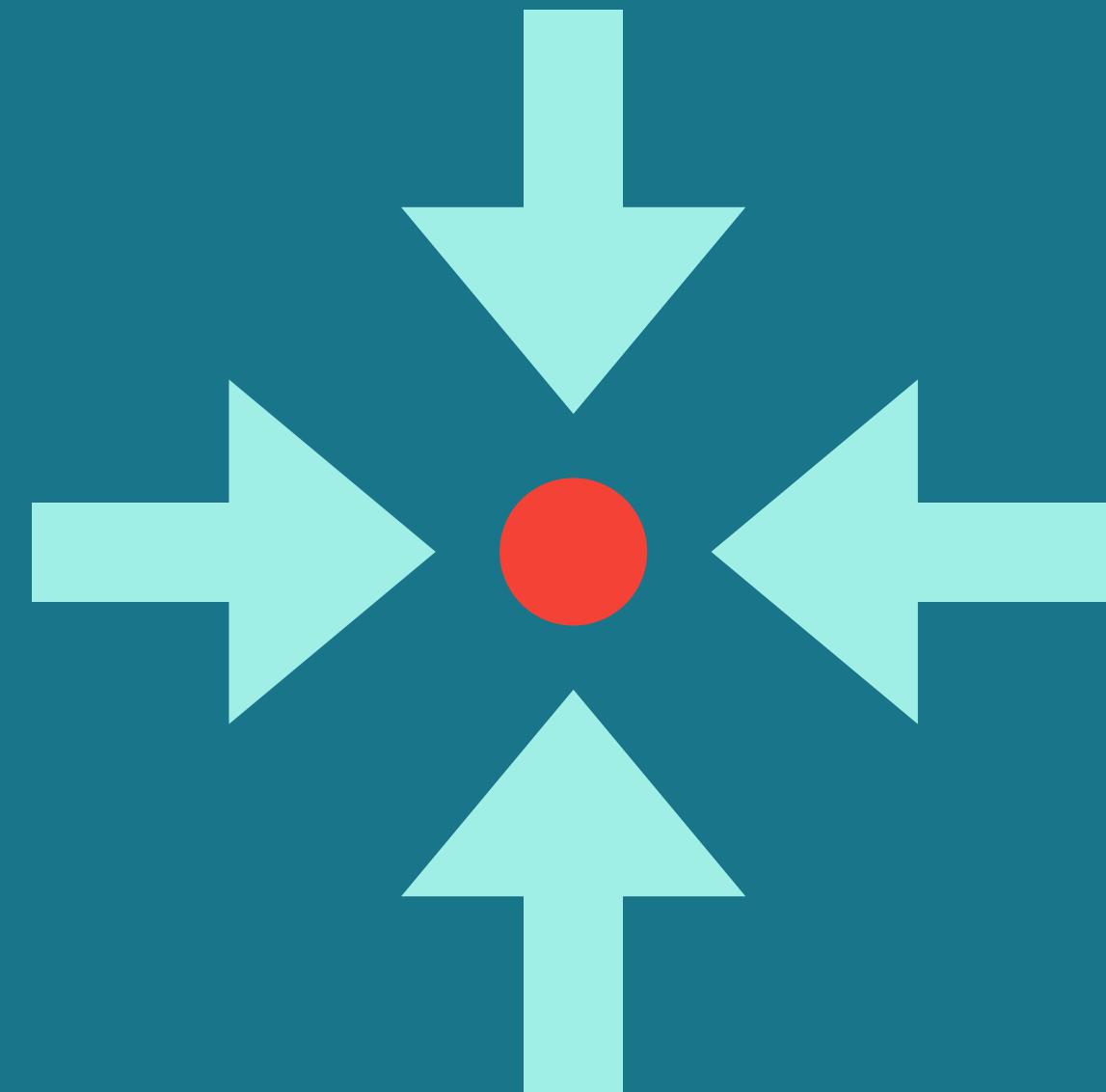
Guide voters to registration services and polling locations.



Tasks:

1. You've recently filed your Ohio state taxes and want to check on the status of your refund. How would you do this on [ohio.gov](#)?
2. You've just gotten a letter in the mail telling you that you need to renew your motorcycle's license plates. Start the renewal process.
3. You're voting with an absentee ballot in the upcoming election and need to know the latest date it can be returned by mail in order to be counted.





Analyzing Results



What's Actionable?

High Priority?



Steve Krug



DON'T MAKE ME THINK

Revisited

and Mobile

A Common Sense Approach to Web Usability



Accessibility



What's Accessibility?



Hearing (Auditory)

Seeing (Visual)

Motor

Cognitive

Temporary



How Can We Make Websites With Accessibility in Mind?



Alt Text

alt="<content>"

Use for any image that is used as content. Describes function of an image.



ARIA (Assistive Rich Internet Applications)

role="<ROLE TYPE>"



banner

search

form

main

navigation

contentinfo



<http://a11yproject.com>



Example:

<http://rwdkent.com>

Press Command + F5 on Mac



Technical & Performance Testing





[HOME](#) [TEST HISTORY](#) [FORUMS](#) [DOCUMENTATION](#) [ABOUT](#)

Test a website's performance

Analytical Review

Visual Comparison

Traceroute

Enter a Website URL

Test Location

Dulles, VA USA (IE 8-11,Chrome,Firefox,Android,iOS)

Select from Map

Browser

IE 11

START TEST

Advanced Settings ►

1 run, Cable connection, results are public

Run a free website speed test from multiple locations around the globe using real browsers (IE and Chrome) and at real consumer connection speeds. You can run simple tests or perform advanced testing including multi-step transactions, video capture, content blocking and much more. Your results will provide rich diagnostic information including resource loading waterfall charts, Page Speed optimization checks and suggestions for improvements.

If you have any performance/optimization questions you should visit the [Forums](#) where industry experts regularly discuss Web Performance Optimization.





Products > PageSpeed Insights

PageSpeed Insights G+1



Make your web pages fast on all devices.

Enter a web page URL

ANALYZE

Web Performance

Learn more about [web performance tools at Google](#), including browser extensions and APIs for Insights, PageSpeed Service, and our optimization libraries.

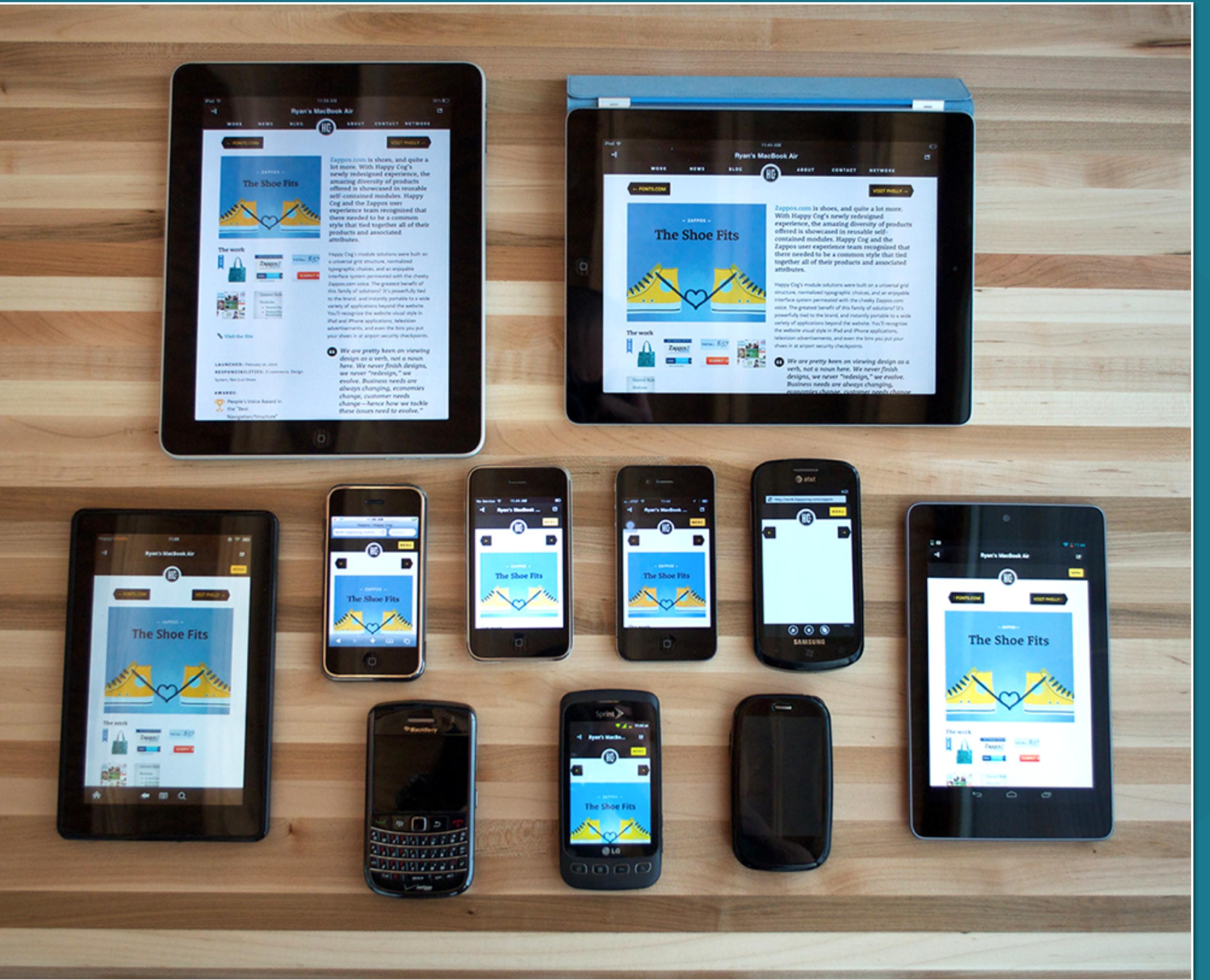
Give Feedback

Have comments or questions about PageSpeed Insights? [Send feedback](#) or [discuss on our mailing list](#).

About PageSpeed Insights

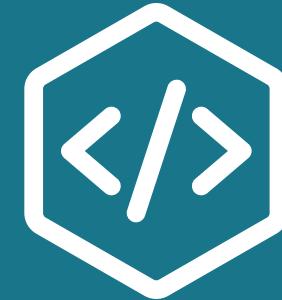
PageSpeed Insights analyzes the content of a web page, then generates suggestions to make that page faster. [Learn more](#).





<http://cognition.happycog.com/m/content/devicelab.png>

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