MOBILE/RESPONSIVE

Code 301

AGENDA

➤ Assignment review

➤ Mobile-first web development

➤ Responsive design

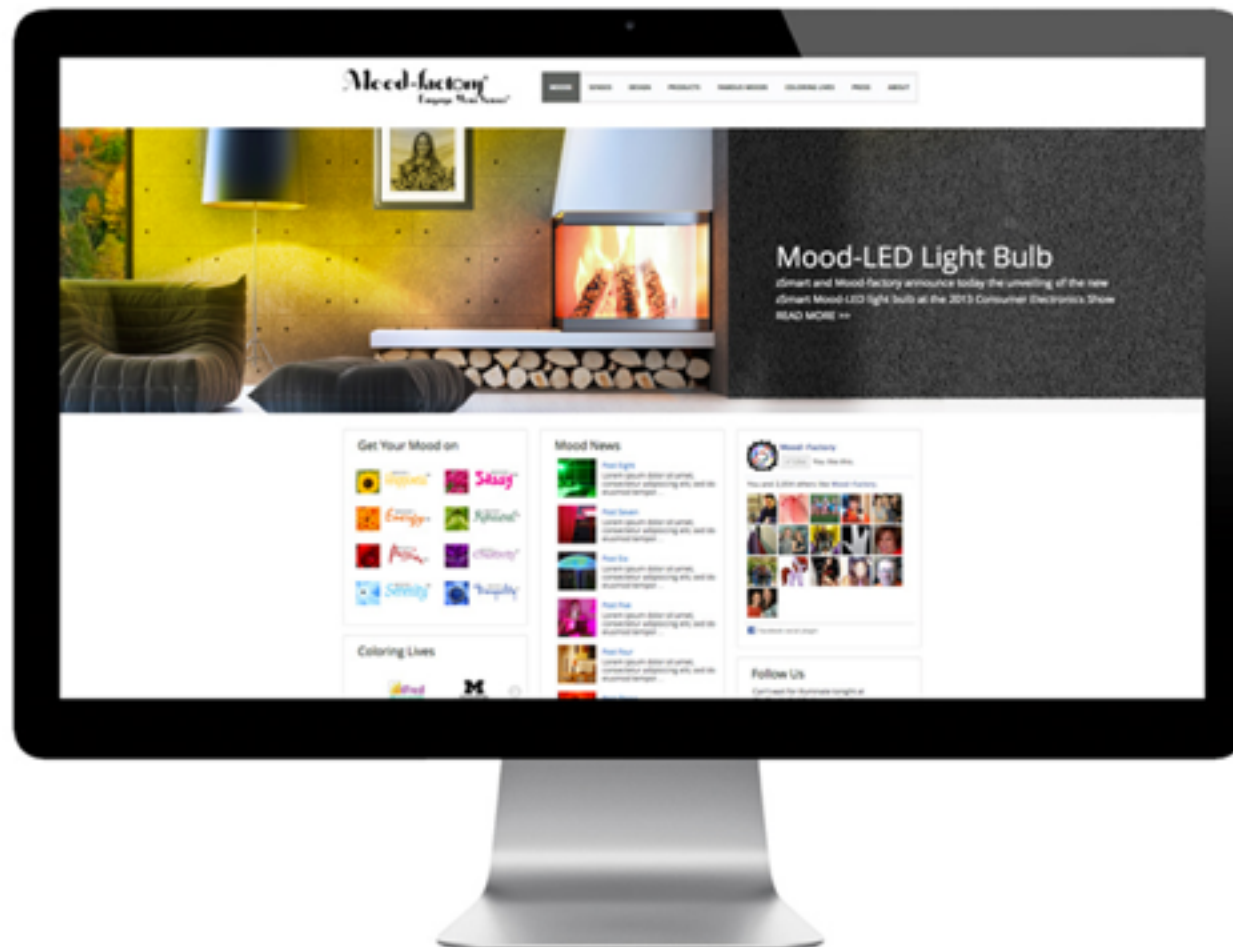# ASSIGNMENT REVIEW

RESPONSIVE DESIGN

Code 301

RESPONSIVE DESIGN

➤ What is it?

  ➤ A way of thinking and designing web sites/apps to give them desired appearance and functionality across a wide variety of screen properties (e.g., spatial resolution, orientation).

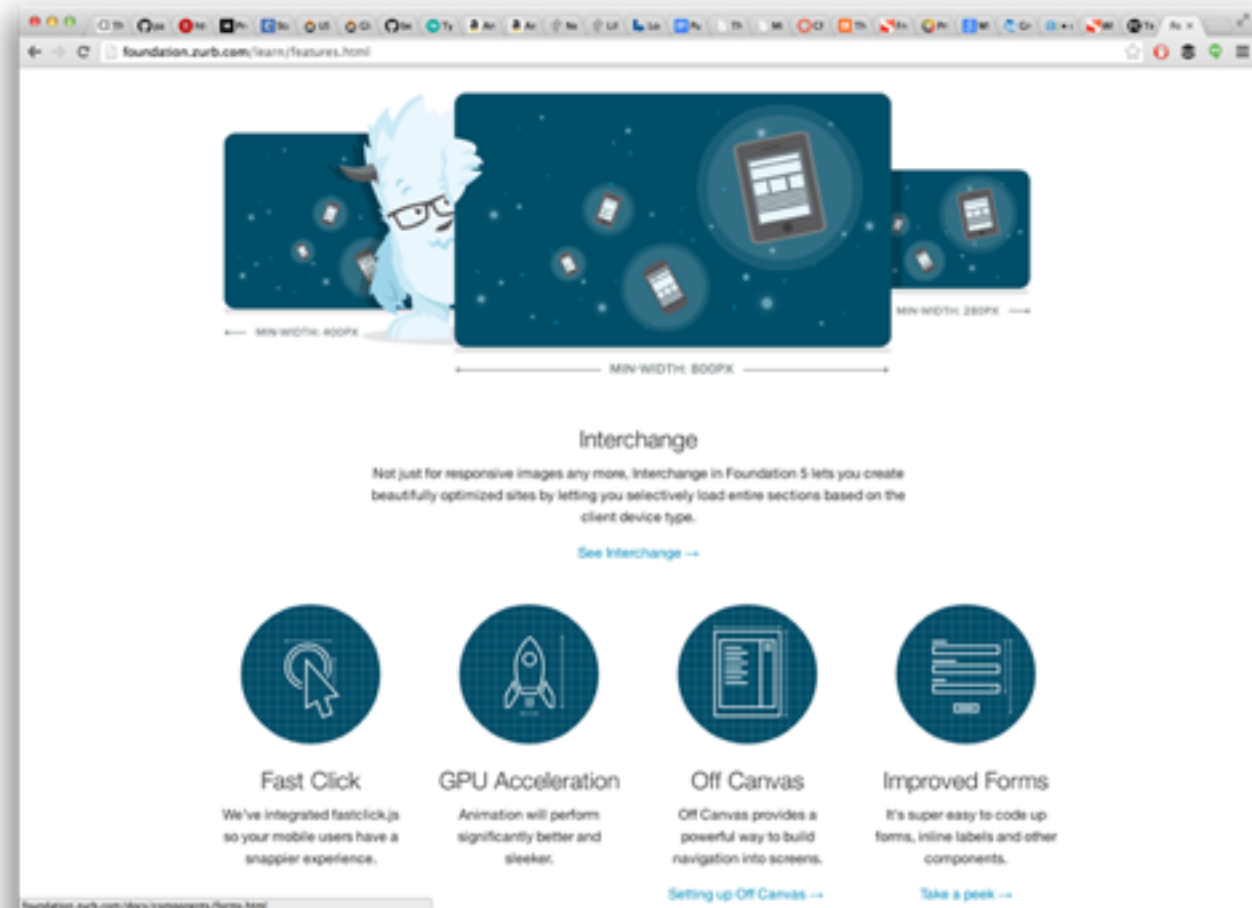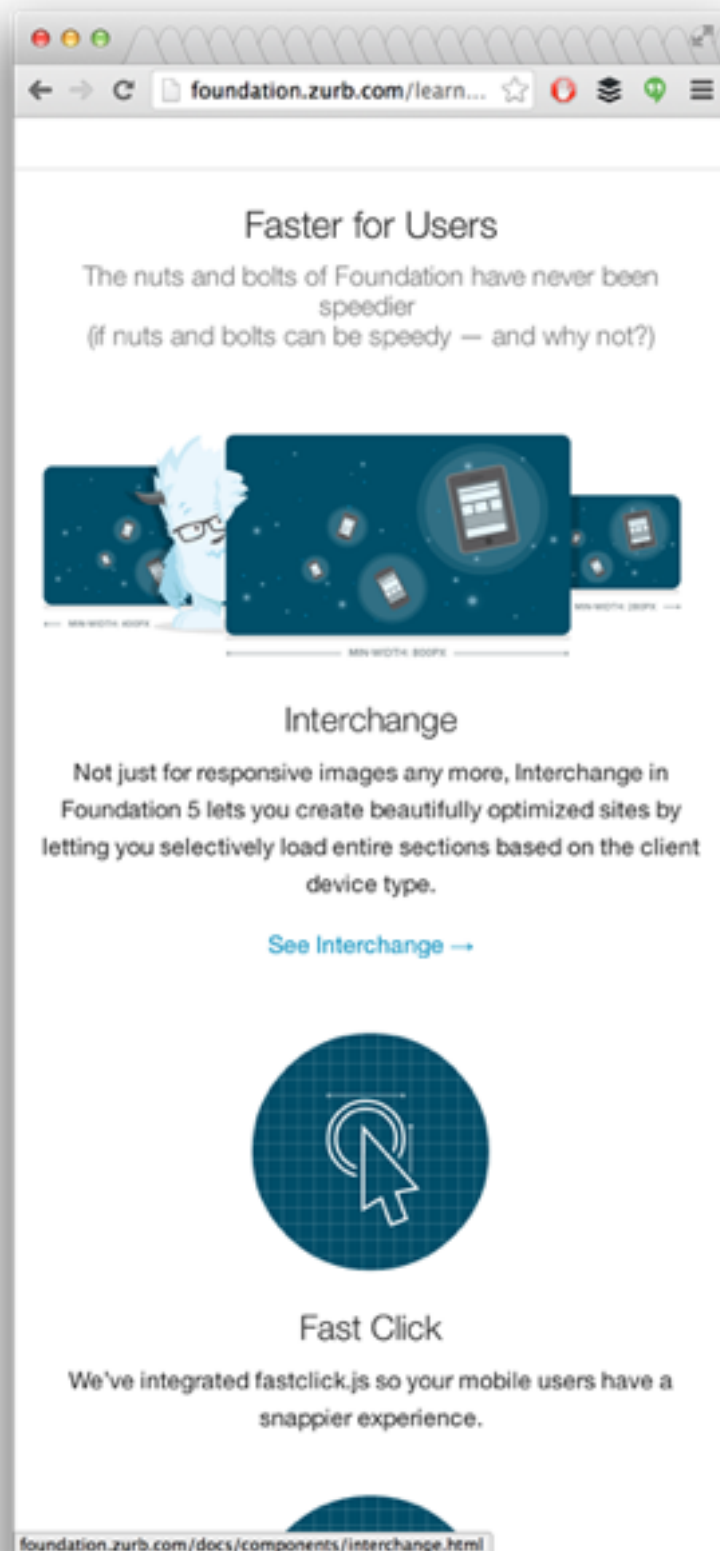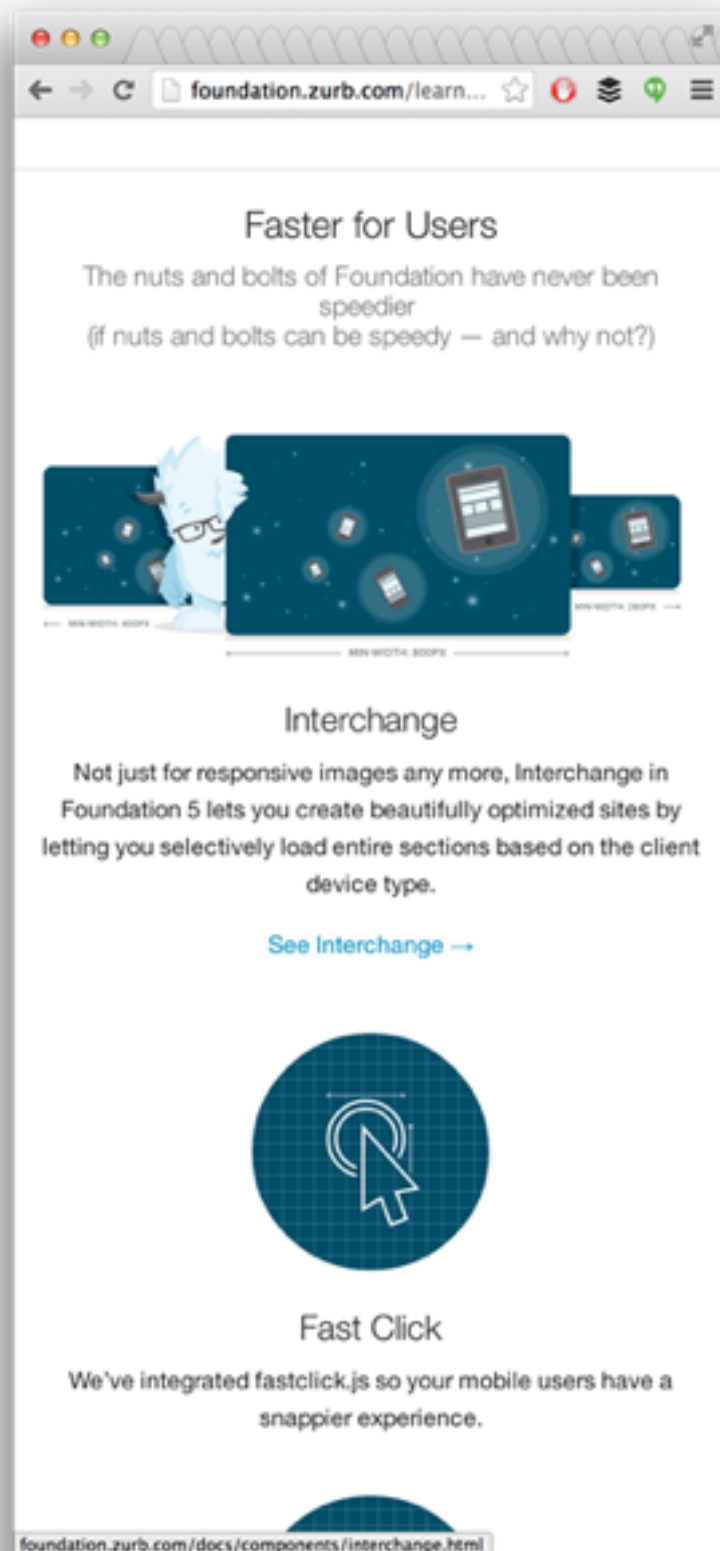 ➤ Takes into account UI/UX issues specific to each device.

PROJECT DEMO

ENTER RWD

CSS Media Queries

conditionally modify the layout of a webpage

Faster for Users

The nuts and bolts of Foundation have never been speedier
(if nuts and bolts can be speedy — and why not?)

Interchange

Not just for responsive images any more, Interchange in Foundation 5 lets you create beautifully optimized sites by letting you selectively load entire sections based on the client device type.

See Interchange →

Fast Click

We've integrated fastclick.js so your mobile users have a snappier experience.

foundation.zurb.com/docs/components/interchange.html

CSS Media Queries
conditionally modify the layout of a webpage

Modify CSS based on…
width / height
Orientation
media 'type'
SCREEN / TV / braille / etc.
color
resolution
aspect-ratio
etc.

LIVE DEMO

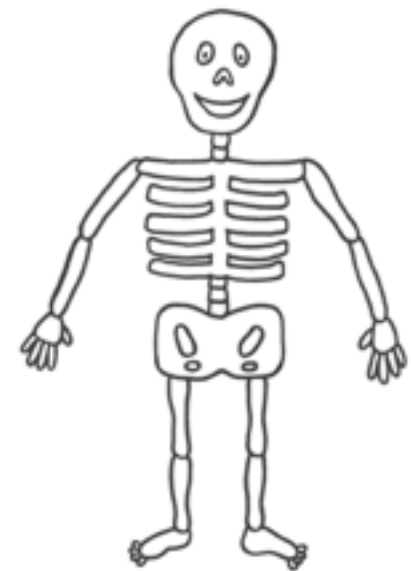# YOU ARE NOT ALONE

Foundation
foundation.zurb.com

Bootstrap
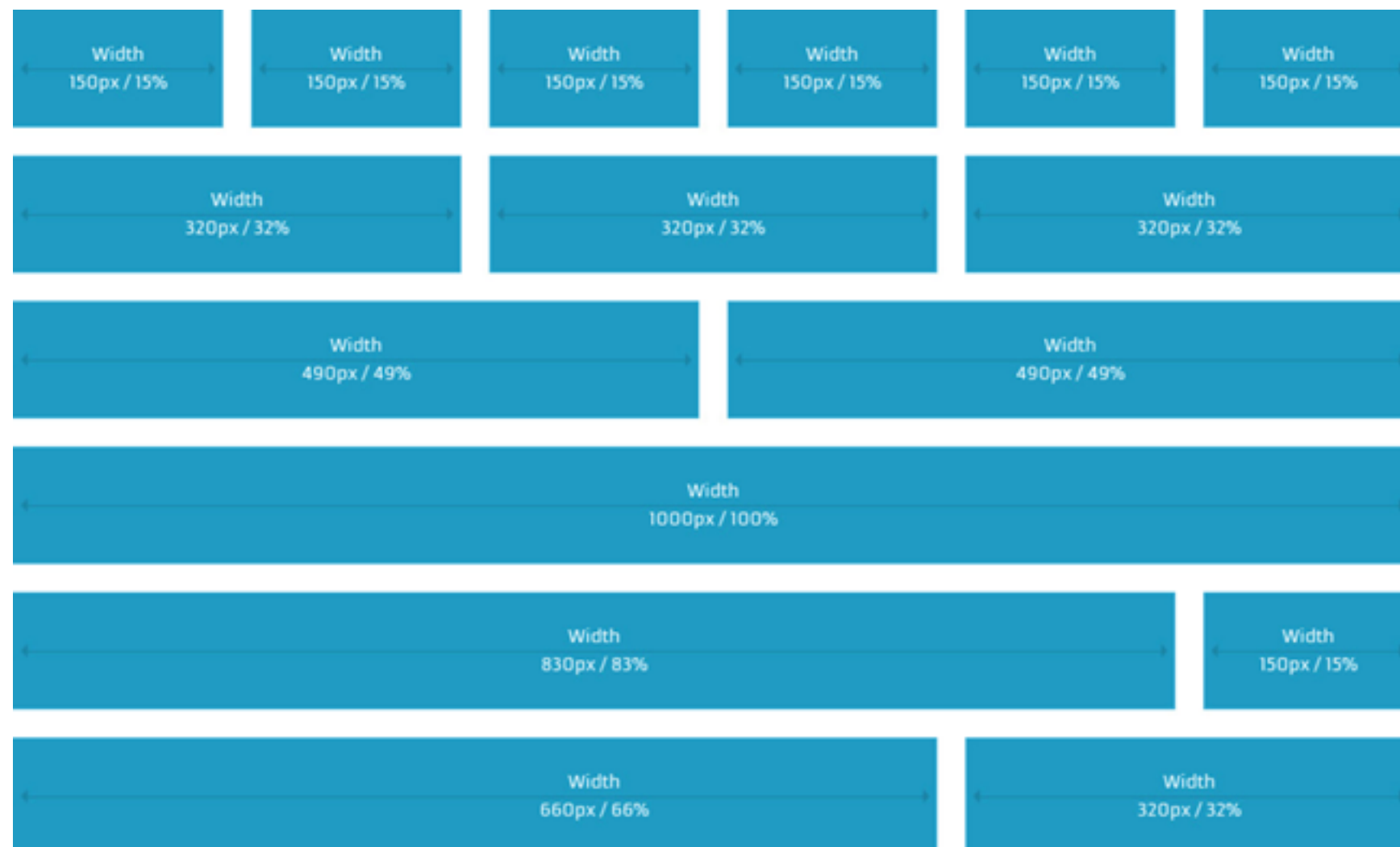foundation.zurb.com

Skeleton
getskeleton.com

AND MANY MORE...

The Grid

using a grid layout allows an easy transition from phone to tablet to desktop
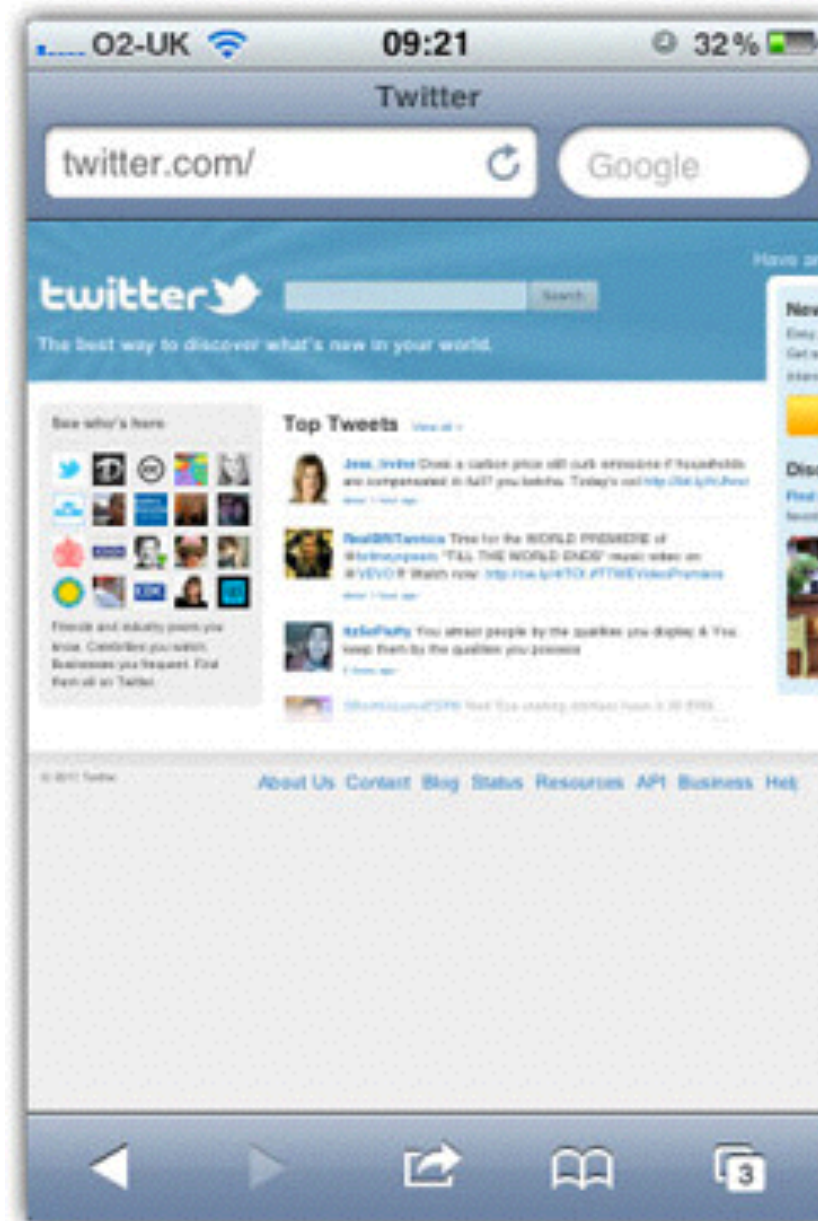
baked-in design principles for much win

Width 150px / 15%	Width 150px / 15%	Width 150px / 15%	Width 150px / 15%	Width 150px / 15%	Width 150px / 15%

Width 320px / 32%	Width 320px / 32%	Width 320px / 32%

Width 490px / 49%	Width 490px / 49%

Width 1000px / 100%

Width 830px / 83%	Width 150px / 15%

Width 660px / 66%	Width 320px / 32%

FOR EXAMPLE

MOBILE FIRST

A brief history lesson...

iOS AND THE RISE OF THE 'REAL' MOBILE WEB BROWSER

WOMP WOMP :(

TODAY

MOBILE ACCOUNTS FOR

28%
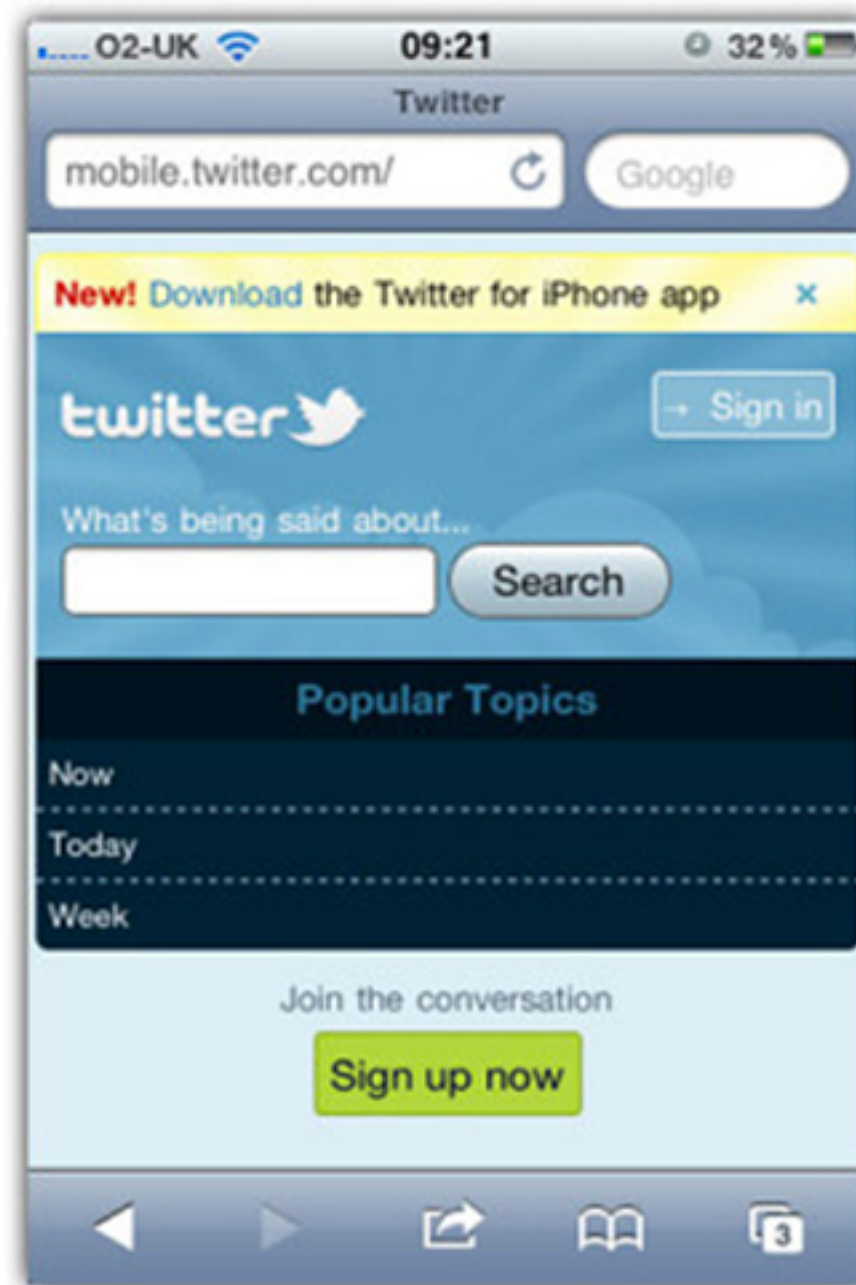
OF THE WORLD'S

TOTAL WEBSITE TRAFFIC

TODAY

25%

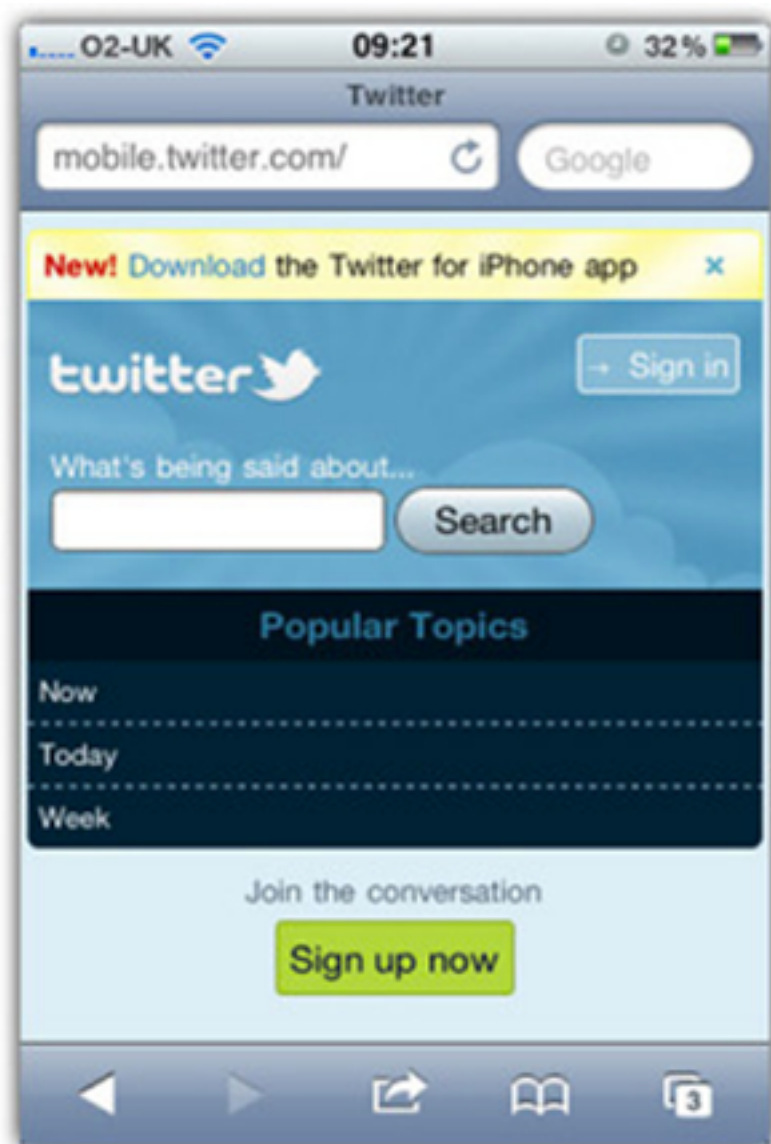of users browse the net
using Mobile devices only

it's kind of a

big deal

SO YOU NEED A MOBILE VERSION...

"WE'LL MAKE ANOTHER SITE!1!11"

BUT THERE ARE SOME PROBLEMS HERE...

USER-AGENT REDIRECTS
Brittle, not fixing the real problem
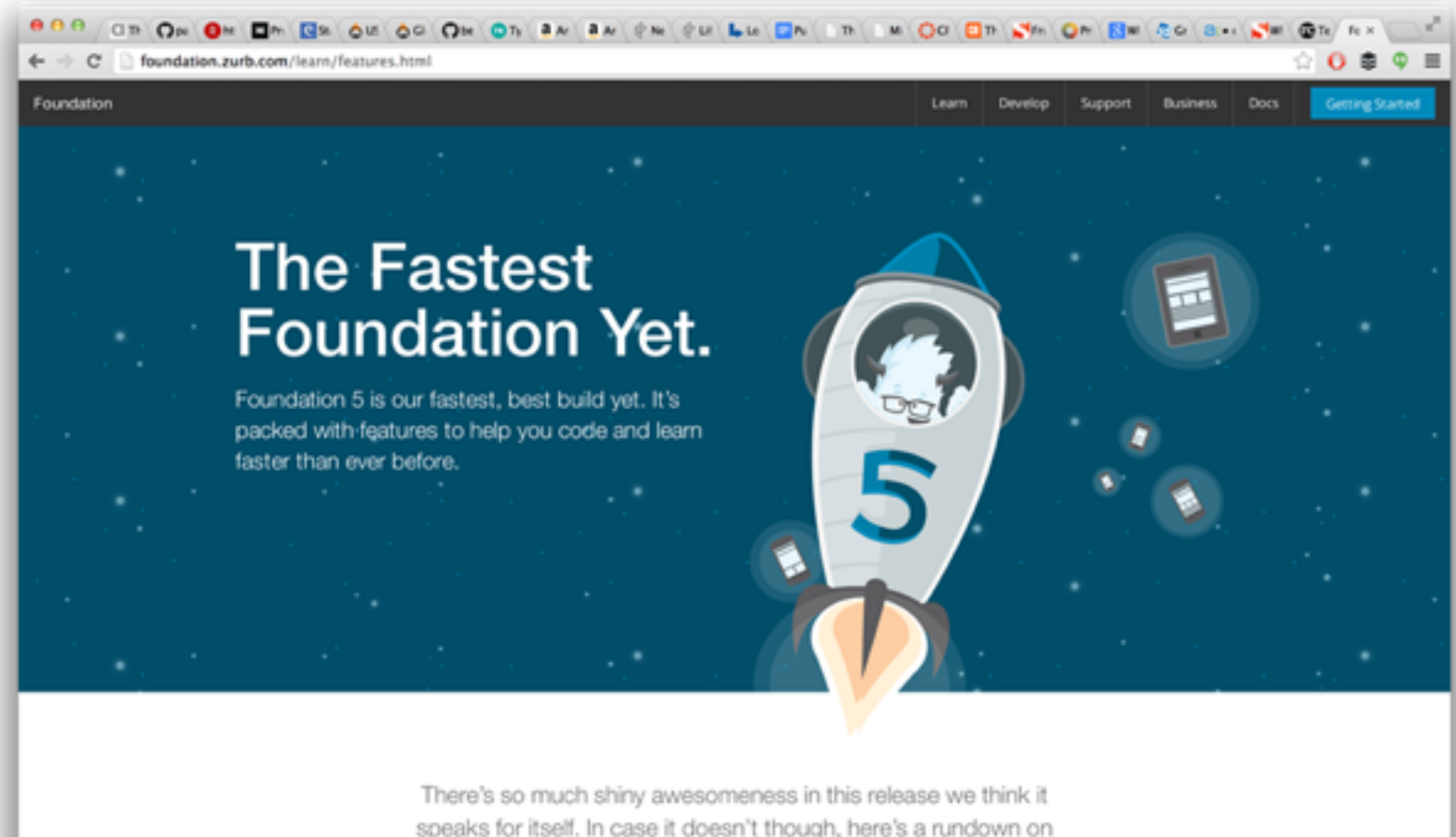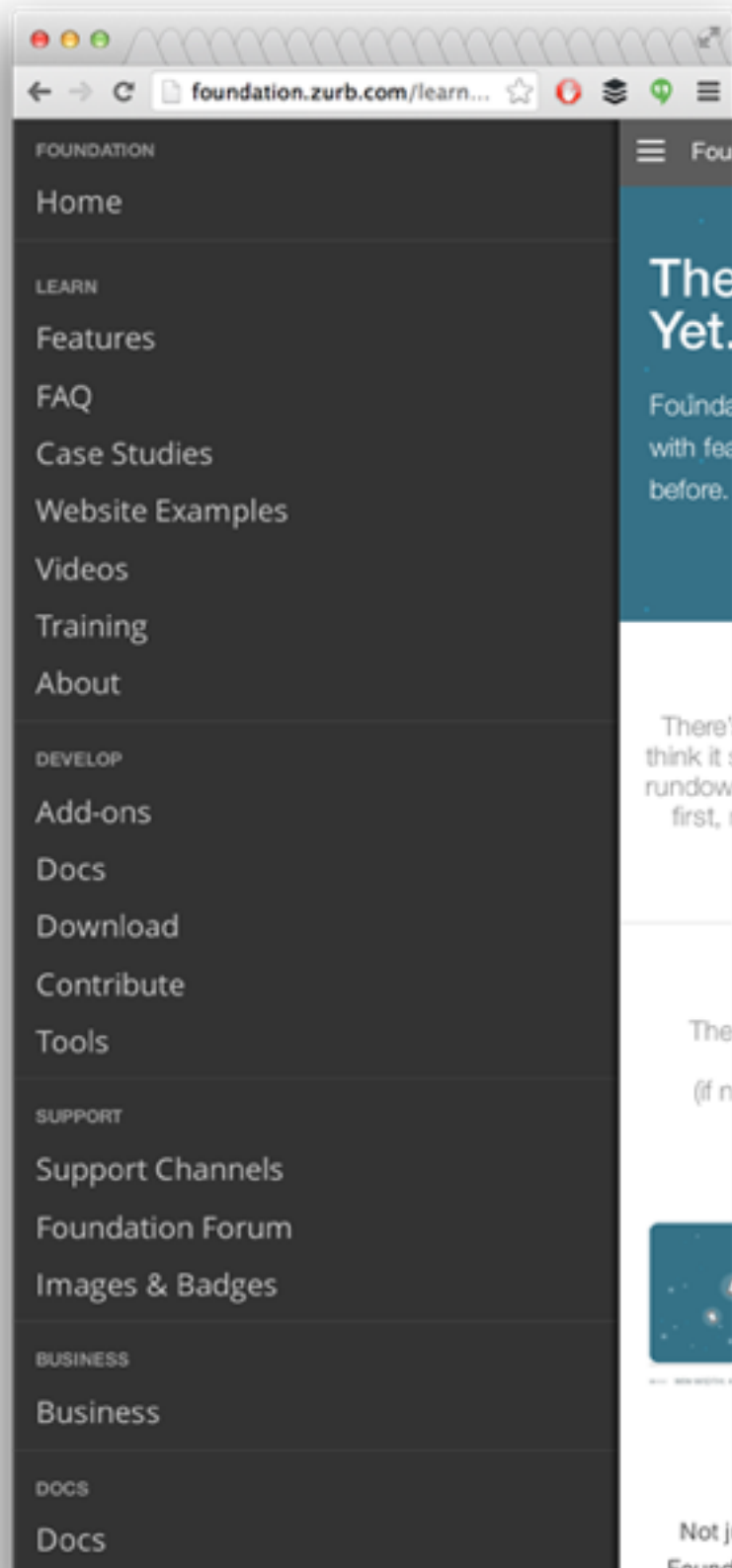
TWO CODE BASES
more work, DUPLICATE CODE

What if a user **shares** a mobile url to a desktop user?

What about **TABLETS**? or **PHABLETS**?

MOBILE FIRST

➤ What is it?

➤ Why is it used?

Mobile-tuned JavaScript

enhance the user's experience, such as touch-optimized menus

FOR EXAMPLE

GO FORTH AND BE RESPONSIVE

ASSIGNMENT

Update your portfolio site to use RWD techniques

for much win

RECAP