

Advanced Web Development
Prepared By: Abdurrahman Qadan

First, you need to Plan what you can.
Then, Build using some tools from what you planned.
Third, you need to make sure you tested your site as a user!
Finally, sustain the website; go through the process if needed.



Advanced Web Development



Prepared By: *Abdurrahman Qadan*

Abood's background

- Yeah, that's me!

- Web Application Architect – MDiTV

- Obsessed with CMS

- Not much of a CMS guy though.
 - FTC/FRC Head Coach! It's hectic, but fun!
 - Alright, last obnoxious slide. Touché huh?

Remember, I said the what, where, and how?....

alright, last cheesy title! Promise!

- ① What is the site you're working on?
- ① What's the purpose of the site?
- ① Alright, who are we targeting?

Basic Process – Site Planning



Planning your site

- ◉ **Determine** your goals
- ◉ **Analyze** your audience
- ◉ **Analyze** the competition
- ◉ **Know** your own abilities and resources
- ◉ **Design** your site

Basic Process - Design



Designing a site

- ◉ Review & Consider Audience
- ◉ Build an IDENTITY!!!
- ◉ Determine site structure
- ◉ Gather content
 - Visuals, information, mock-ups
- ◉ Mock-up, then Mock-Up, and Mock-up
- ◉ Finalize a design

Basic Process - Design

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graph LR; A[Site Planning] --> B[Design]; B --> C[Integrate];
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Site
Planning

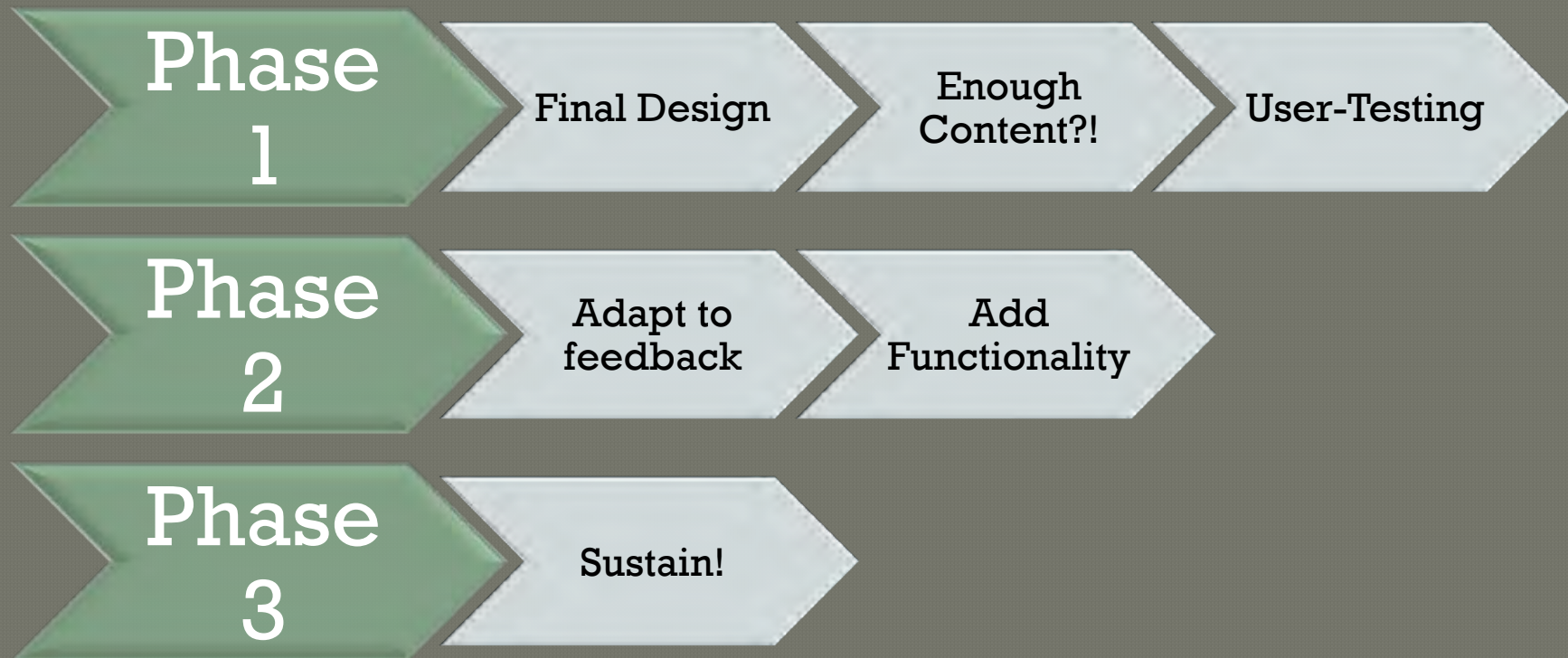
Design

Integrate

Integrate...publish!

- Determine tools!!!
 - Dreamweaver (from scratch)
 - CMS: Joomla or Drupal
 - <http://www.ct40.com/>
 - <http://www.outdoorphotographer.com/>
 - <http://www.ihop.com/>
- Bring your brainstorming, final design, and content all together. Integrate!
- Goal: Build in phases (Alpha, Beta, then it's out!)

Building THE successful website



Good Sites

- ◎ <http://www.bmwusa.com/>
- ◎ <http://www.ideo.com/>
- ◎ <http://nationalgeographic.com/>
- ◎ www.webmd.com

Bad Sites

- www.angelfire.com/super/badwebs/main.htm
- www.drjoye.com

Functionality - AJAX

- ◉ From-Scratch (sample)

- <http://assaber.com/icpit/scripts/javascript/pages.js>

- ◉ Joomla and Drupal extensions

- Look for AJAX extensions! There are many!

- ◉ On the fly!

- To what extent?

Question & Contact Info

◉ Questions?

◉ Contact:

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