

Session #10: From Design to Development



Regardless of methodology

- Information Gathering
- Planning
- Design
- Development
- Testing and Delivery
- Maintenance

Layout issues: Remember...

- A web browser is not a fixed medium
- Should the layout be fluid and resize with the window, or should it be set to a fixed width?
- If it's fluid, which parts expand and which not?
- If it's fixed, should it sit in the middle of the window or to one side?

More Layout Considerations...

- If any part of the layout is going to be flexible (get wider and narrower as required), consider how any graphics are affected.
- Images don't usually look good if displayed at anything other than their original size, so should they behave?
- If a column is going to get wider than it's shown in the Photoshop comp, it may be necessary to provide separate wider versions of any background images.

Proper Photoshop & Files



Text and Content...

- How does the layout behave with different text sizes and volumes of content?
- Is there content management?
- Must allow for a bit of zooming
- Did you know that Times font is wider on a mac than on windows?
- Do headings wrap?

Logged in/Logged out

- Remember, if there is a membership system, you'd need to design:
- Logged out and in with JavaScript available
- Logged out and in without JavaScript available

Javascript/Jquery

- Developers need to build all html/css before layering the client sided script on top.
- Must consider fallbacks for when javascript is turned off
- If the feature does something fancy with Ajax, consider how the same can be achieved with basic HTML forms, links and intermediary pages.

Form Fields

- Form fields are different in different browsers
- Not all have html5 support (date example)
- Default buttons usually are replaced with graphical buttons
- Every field must have a label

How to deal with browser inconsistencies

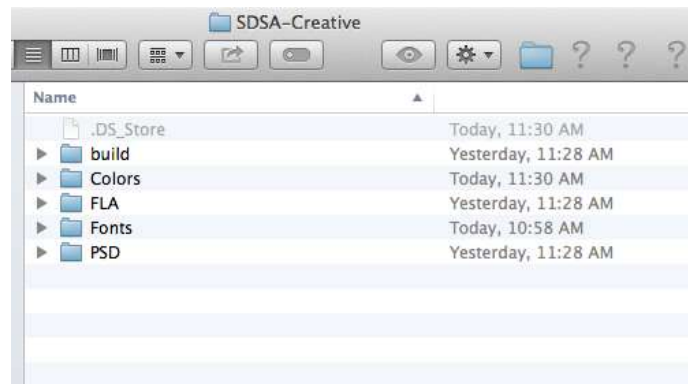


Messaging

- Don't forget to design error and thank you messaging, especially on pages with forms.
- Don't forget ajax responses (waiting or spinner gifs).
- 404 pages

Turning over Files

- If working in Adobe products, organize and group layers
- Provide the developer with an RGB reference of all major site colors
- Make sure fonts are included



Next to learn...

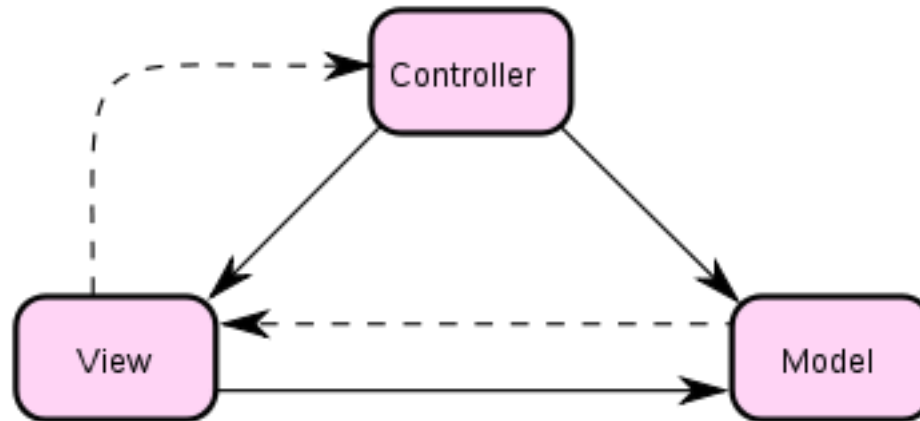
- Responsive frameworks:
- Bootstrap
- Foundation
- Skeleton
- Others...

Responsive Frameworks



MVC

- Model – View - Controller



Why MVC?

- A user interacts with the view - by clicking on a link or submitting a form.
- The Controller handles the user input, and transfers the information to the model
- The Model receives the information and updates it's state (adds data to a database, for example, or calculates today's date)
- The View checks the state of the Model and responds accordingly (listing the newly entered data, maybe)
- The View waits for another interaction from the user.