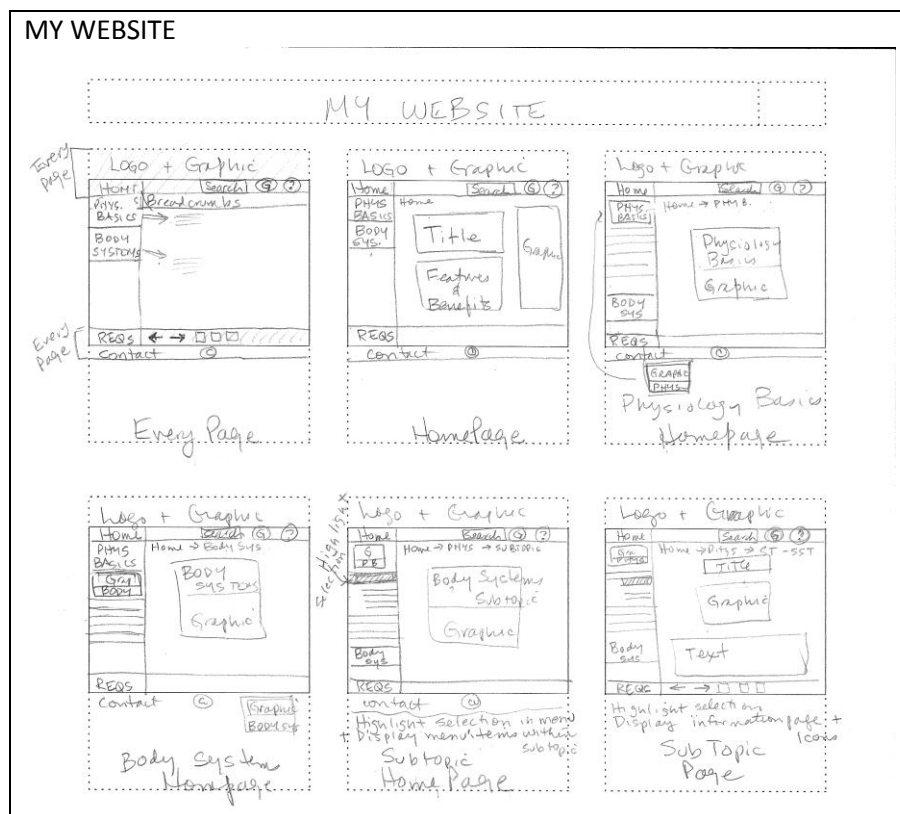


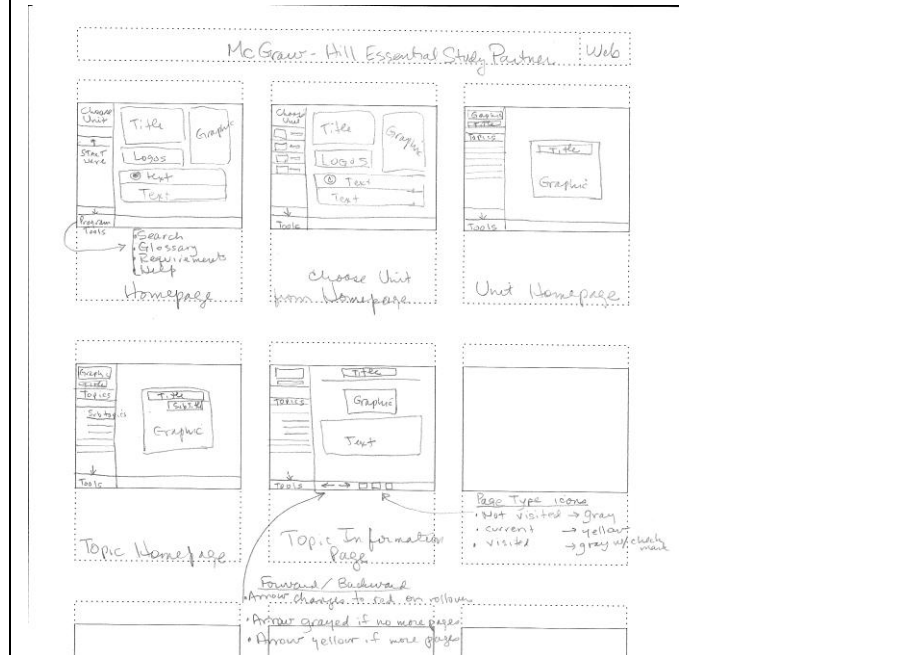
Storyboards

To come up with the layout for my website, I first sketched the layout for a few websites and the DVD from the Heuristic Evaluation on blank storyboard pages. Then, using the blank storyboard pages, I took what I felt was the best from each (mainly the DVD and the McGraw-Hill website) and drew a design for my site. The pages I designed include a general page with all design features, a home page, a topic homepage, a subtopic homepage, and a topic page.

Below is my initial rendition of the website. As I read design books and developed my website in more detail, I made several modifications.



McGraw-Hill Website

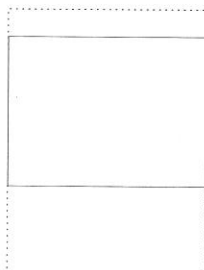
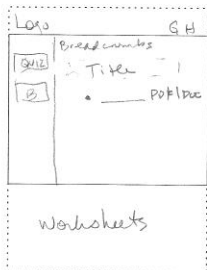
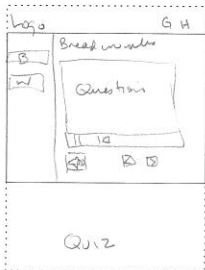
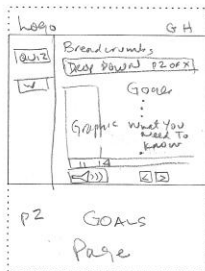
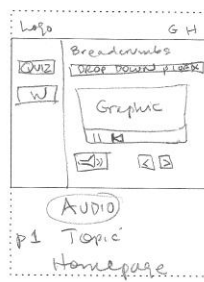
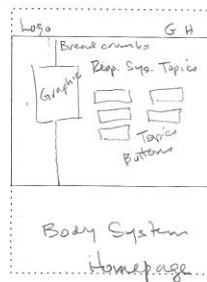


Interactive Physiology Website

O = Overview W = Worksheets C = Credits H = Help G = Glossary
B = Back B.T. = Topics

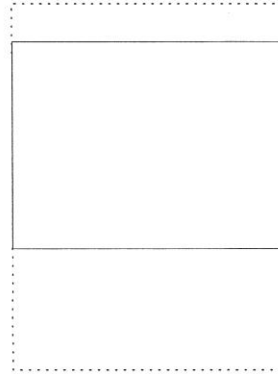
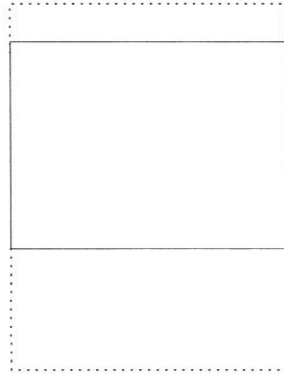
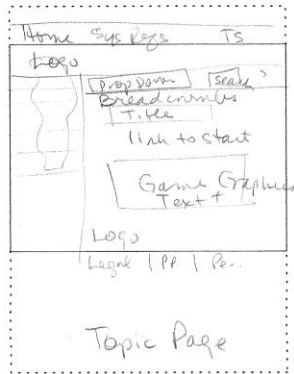
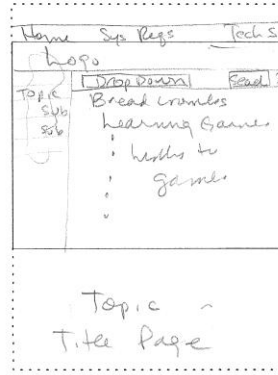
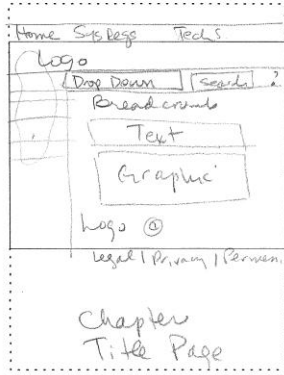
INTERACTIVE PHYSIOLOGY

DVD



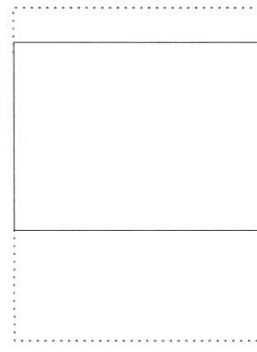
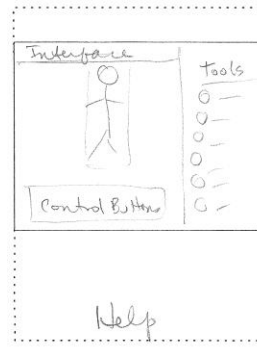
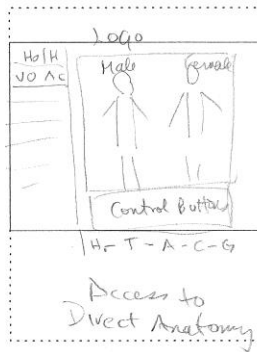
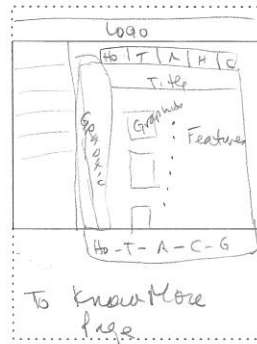
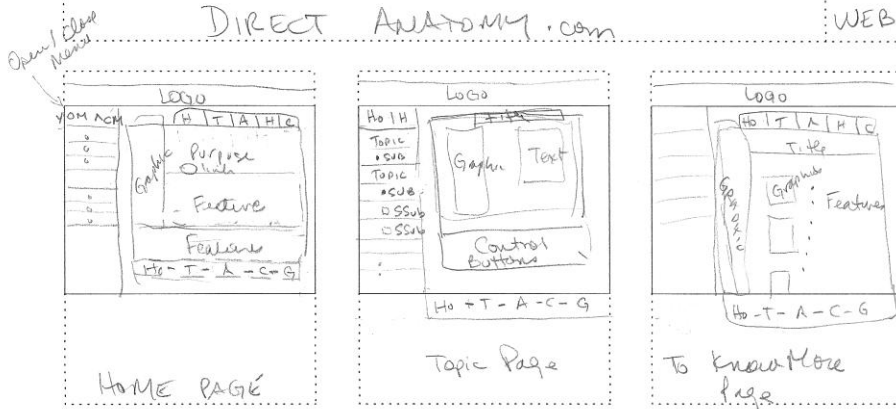
Anatomy and Physiology for Health Professionals DVD

Anatomy & Physiology for Health Professionals DVD



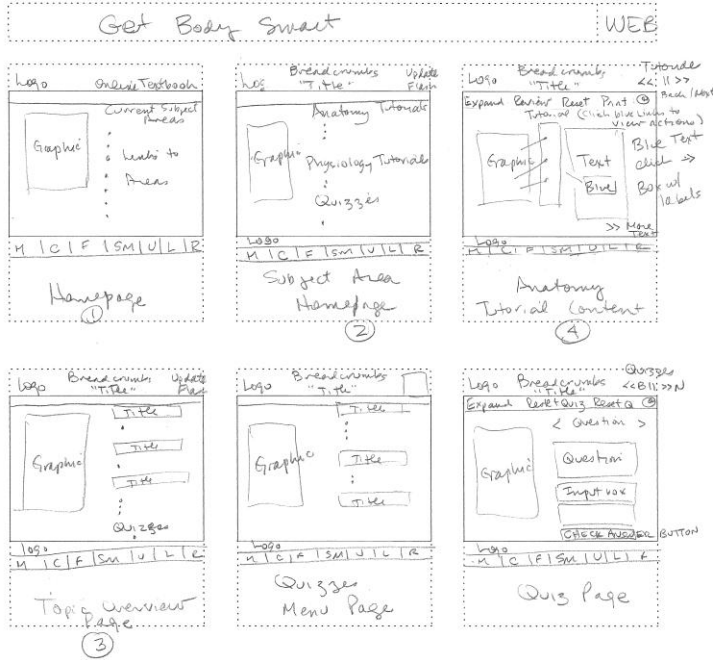
Direct Anatomy Website

Ho Home - T = To know More A = Access to Direct Anatomy H = Help C = Contact G = General condition of use



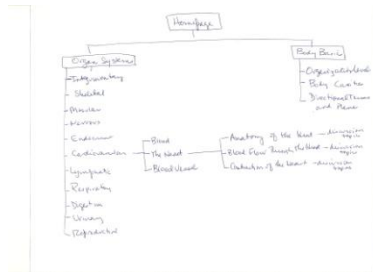
Get Body Smart Website

M = Mission C = Contact F = Feedback SM = Site Map U = Updates L = Add Links R = Related Website



Website Screen Mockups

The next step was to create the screen mockups before drawing the wireframes in the computer – I sketched the screens out with paper and pen using the McGraw-Hill website as a model. I also read the books *Don't Make Me Think: A Common Sense Approach to Web Usability* by Steve Krug and *Designing Web Graphics*.⁴ by Lynda Weinman to get ideas to make my website easier to use. I also narrowed down the topics and scenarios.



Schematic of the website



Discussion Topics for scenario and task development.

The key features of my pages are:

Persistent navigation

Logo and graphic banner across the top

Navigation bar across top has:

- Home button on upper left

- Search box

- Glossary button

- Help button on upper right

Breadcrumbs below top navigation bar

Navigation bar on left side of page

- Body Basics

- Organ Systems

Navigation along the bottom

- Features and Functions

- System Requirements

- Site Map

- Contact

Context-Specific Navigation

Navigation bar on left side of page

- Body Basics

 - Organization Levels

 - Body Cavities

 - Directional Terms and Planes

- Organ Systems

 - Integumentary

 - Skeletal

 - Muscular

 - Nervous

 - Endocrine

 - Cardiovascular

 - Lymphatic

 - Respiratory

 - Digestive

 - Urinary

 - Reproductive

Navigation bar across the bottom has when applicable,

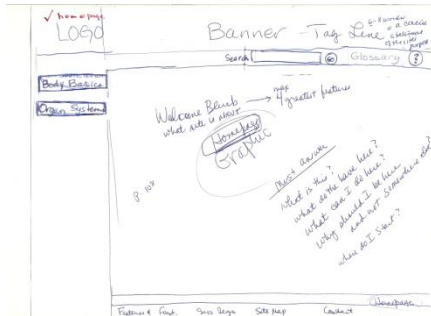
- previous and next arrows

- icons for discussion pages and animated diagrams in sub topic

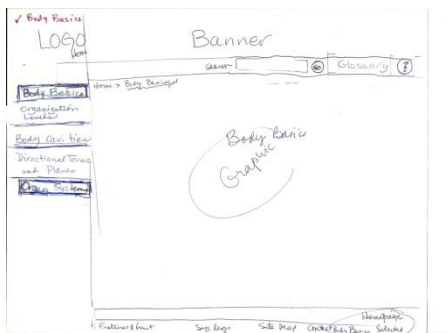
- tabs and icons for features – At the Clinic, Cross Sections, Color, and Quiz

Menu items in the left side bar are *Body Basics* and *Organ Systems*. When either *Body Basics* or *Organ Systems* is clicked, subtopics fill the space below in the navigation bar.

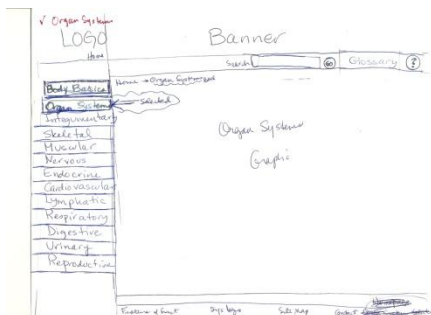
Here are the individual pages:



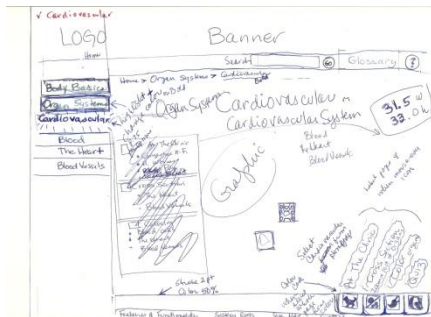
The Home Page



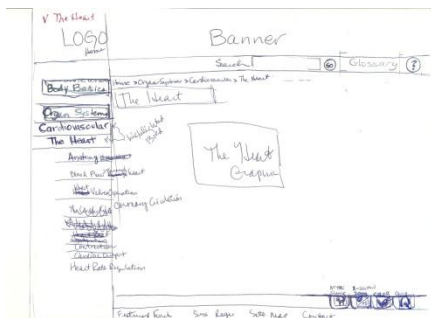
Body Basics Main Page (Body Basics selected on the Home Page)



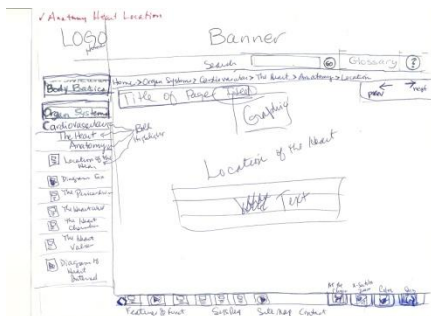
Organ Systems Main Page (Organ Systems selected on the Home Page)



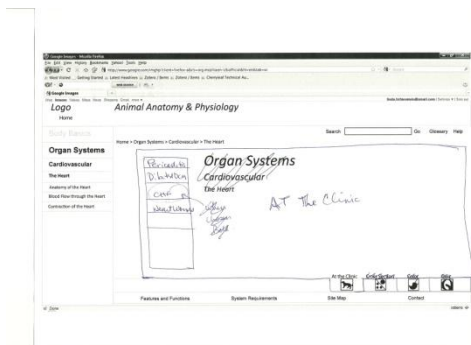
Cardiovascular Main Page (Cardiovascular selected on the Organ Systems Main Page)



The Heart Sub Page (The Heart selected on the Cardiovascular Page)



Anatomy – Location of the Heart (Anatomy selected on the The Heart Sub Page)



General layout for pages accessed from the tabs at the bottom of the page – At the Clinic, Cross Section, Color and Quiz

Unique and Innovative Elements

As I worked on my project, I put interesting features that I didn't want to forget about here.

Resource	Unique / Innovative Elements
McGraw-Hill http://www.mhhe.com/biosci/esp/2002_general/Esp/default.htm	Has icons that show position within topic – for example, how many pages there are and of what type. Simple menu and navigation allows users to go back easily. Icons on the bottom of the page allow user to go back and forth between individual pages easily. Help is always accessible from the main navigation bar
Direct Anatomy http://www.directanatomy.com/index.html	Ability to draw on figure. Has undo and redo buttons.
Primal Pictures – demo only http://www.primalpictures.com/Students.aspx	Search results in two categories – by body system and media type. Can also search the index. Ability to hear audio pronunciation of terms

References

Krug, Steve. Don't Make Me Think: A Common Sense Approach to Web Usability. 2nd Ed. Berkeley, CA: New Riders. 2006. Print.

Weinman, Lynda. *Designing Web Graphics*. 4. 4h Ed. Berkeley, CA: New Riders, 2003. Print.