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CS290
Due 11/5/2017
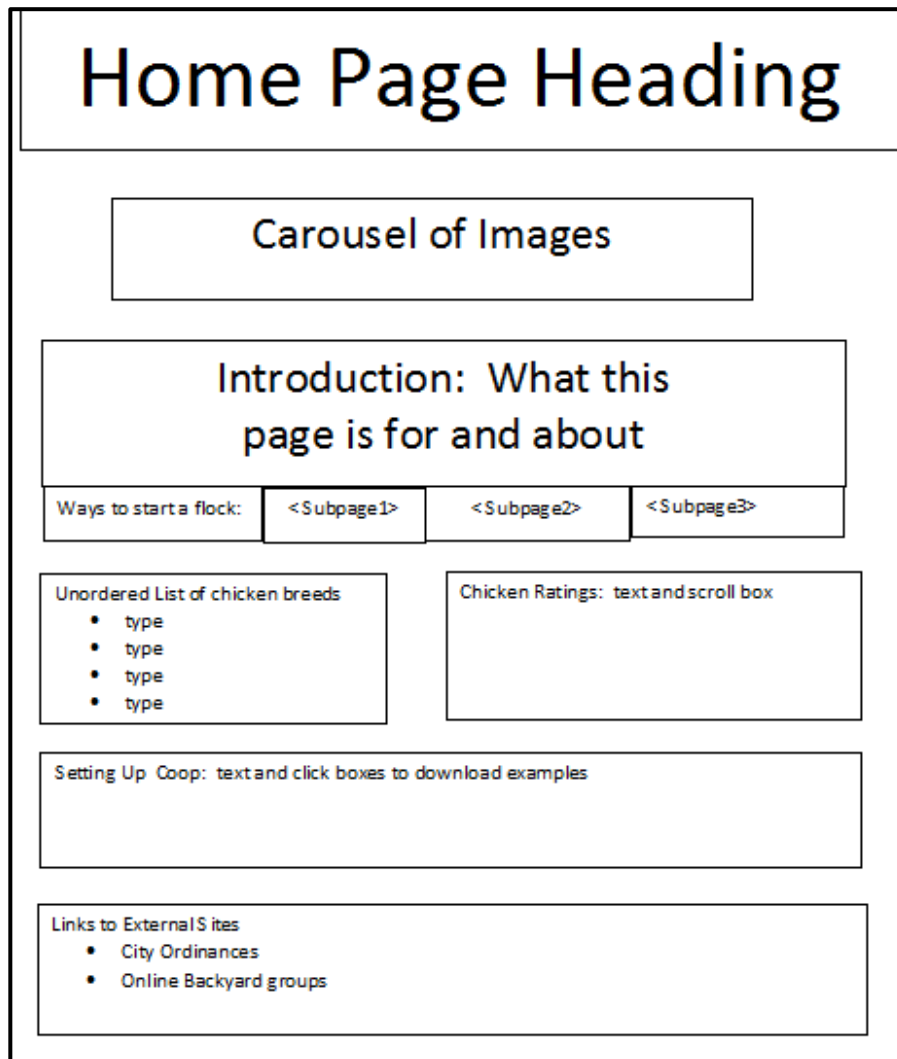
CS290 Course Project Proposal

THEME

My project is going to consist of a main page with information about raising chickens in an urban environment (Backyard Chickens). It will include general information about chicken breeds, egg colors and ratings, setting up and maintaining coops, and the three different ways to start a flock (buy chicks, adoption, and incubating eggs). My project will also contain links to resources for legal rules (city ordinances), as well as resources to connect the user to other backyard chicken people.

LAYOUT/STRUCTURE

a. The Home Page

The home page will contain general information about backyard chickens. The bulk of the CS290 requirements will be fulfilled on this page. The general layout of the homepage can be seen below in Figure 1. It will also contain navigational links to and from the subpages (Figure 2 thru Figure 4).

Figure 1: Home Page Layout

b. The Subpages

The sub-pages will have context related to the chicken breeds that we have had and will repeat many of the same features that were present in the home page. This will include lists, images, headers, paragraphs, links and images. Even though the general layout of the sub-pages is similar, I intend to spruce it up a bit to make them each unique.

Figure 2: Sub-page 1

Buying Chicks

Images of Ruby and Marth Carousel

Text about buying chicks

DIV

Meet Ruby

IMAGE/VIDEO of Ruby

Text:
- Breed
- Egg Color
- Personality

Meet Martha

IMAGE/VIDEO of Martha

TEXT:
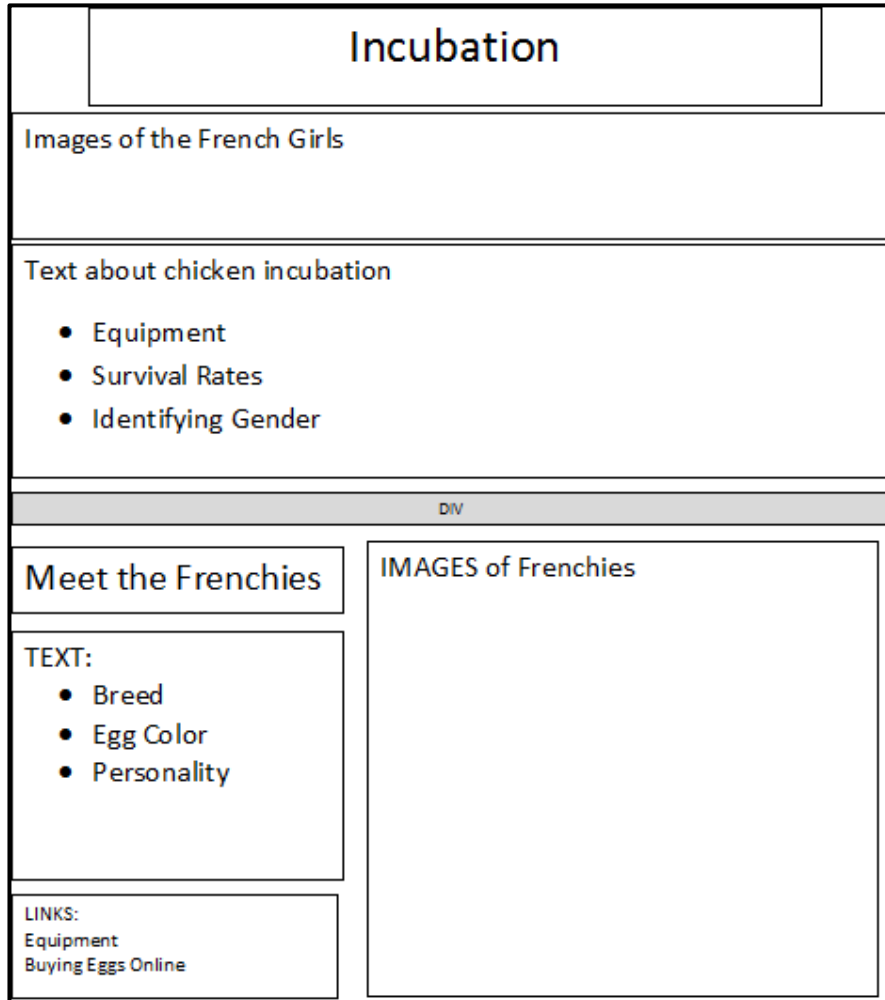- Breed
- Egg Color
- Personality

There are two types of adoption that will be discussed in sub-page 2. The first will be chicken adoption, in which people buy an egg laying chicken, or older. The second type of adoption is when an egg layer adopts a baby chick.

Figure 3: Sub-page2

Adoption

Images of Shirley and Daisy Carousel

Text about chicken adoption

DIV

Meet Shirley

IMAGE/VIDEO of Shirley

Text:
- Breed
- Egg Color
- Personality

Meet Daisy

IMAGE/VIDEO of Daisy

TEXT:
- Breed
- Egg Color
- Personality

There is a lot of information and lessons learned that could be included here, but the general design and layout is given below. I expect there to be more information and pictures than anything else here.

Figure 4: Sub-page 3

FEATURES

The list below identifies the required features for this project. Excluding the unordered list, I do not have experience with web design, nor these features. There may be additional features added once I begin researching and coding in earnest. For now, the features included in this project will include (Links given for reference on where I have started my searches):

a. Horizontal Menu (Subpages) https://www.w3schools.com/bootstrap/bootstrap_tabs_pills.asp
b. Images/Carousel - https://www.w3schools.com/howto/howto_js_slideshow.asp
c. Scroll Box - https://www.thoughtco.com/html-scroll-box-3466228
d. Unordered List - lecture
e. Download Button - https://stackoverflow.com/questions/11620698/how-to-trigger-a-file-download-when-clicking-an-html-button-or-javascript
f. Link to External Site - Lecture + https://www.w3schools.com/html/html_links.asp