CS1320
Creating Modern Web and Mobile Applications

Lecture 4:

HTML/CSS Lab

1/22/2020

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LAB Assignment

I have a database of 2 million+ music CDs. For each CD there is the title, the artist name (or various), and the list of tracks. Each track has a song name and an artist name. Other information (e.g. length of tracks, genre, notes) is available as well.

- Your job is to create a front end for this to help a restaurant
  - It can be a front end to help select music
  - It can be a front end for customers
  - It can be a front end to help determine what CDs to buy
  - It can be a front end to help order what to play

- Your team should produce one or more sample pages (depending on your application)
  - Produce simple HTML/CSS that implements a sample page
  - Both input (query) and output (result) pages as appropriate

- Feel free to use html generation tools (or a simple text editor)
  - Dreamweaver, Pencil, Word, Chrome debugger, iWeb …
  - Online tools: https://html-online.com, Google Docs (Sites, Forms), …
  - But extract and understand the actual html in the end

Mechanics

- Work in teams (2-4 ideally)
  - Try to have different team members doing different things
    - E.g. one works on CSS, one on HTML for search, one on HTML for results, one finds images
- Start by sketching out what you want the web page to look like
  - Hand in the sketches (with names)
- Lab on course web site
  - http://cs.brown.edu/courses/cs132/labs/lab1/lab1.html
- You will need to validate your html, CSS
- You will need to check accessibility of the result

Next Time

- JavaScript