CS1320
Creating Modern Web and Mobile Applications

Lecture 16

Node.JS LAB

Task: Concentration Track

- Recall the MADLIB lab
  - That was all front end
  - Your job is to make it a complete app
  - You can use your previous lab, one of the examples posted, or start over
  - You can do the work using templates or in the front end using AJAX

- Front end:
  - Home page (description and start button)
  - Login page (could be home page)
  - MadLib page (input for current mad lib)
  - Output page (output for current mad lib)
    - Can be same as MadLib page
    - Button to generate a new mad lib

Task: Designer Track

- Can pair with concentrators
  - You are in charge of the html (template), look and feel, etc.
  - Consider: randomizing input order, coloring inserted words, …

- Alternatively
  - Design a whole web site for the game
  - Possible extended features
    - Log in (track which mad libs have been done to ensure a new one)
    - Sharing mad libs (show other peoples answers after your answer)
    - Rating other people's mad libs
    - …
  - Create some mad libs for everyone to use (in class only)

Implementation Notes

- List the tasks.

  ○ Decide where each task is implemented

- Decide on the URLs to be used

  ○ For each request

- Create a simple node.js/express server

  ○ Extend for the various requests

- Lab: http://www.cs.brown.edu/courses/cs132/labs/lab4/lab4.html

Next Time

- Databases

- Homework:
  - Consider the twitter feed data. Suppose you wanted to store it permanently. List the data that you would want to save and the implicit (or explicit) relationships among that data.