

# Web Programming I

ITS 210

## -Homework 3

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Goals

To improve on your existing work by adding to your Mid-term Project and practicing building “bullet-proof” user interfaces.

Instructions

1. Input Form - *10 points*
  - Develop an input form for adding program data to your TiVo Guide from the Mid-term Project. Be sure to use appropriate form controls. Prompt the user for the following fields:
    - ▶ Program
      - name
      - length in minutes
      - description
      - rating in stars
      - year
    - ▶ Network on which the program airs
    - ▶ Time of day that the program airs
    - ▶ Regularity
      - airing once only – ask for date
      - repeating weekly – ask for day of week
2. Visually note required fields - *5 points*
  - (All fields but program description are required.)
3. Bullet-proofing - *25 points*
  - Your goal is to make this data entry form as “bullet-proof” (or “idiot-proof”) as possible. To that extent, validate everything for correctness of . . .
    - ▶ data type (string, number, date, time, etc.)
    - ▶ length (minimum and maximum)
    - ▶ valid values
    - ▶ ...and anything else you can think of
4. Present error messages *next to the fields* that are in error - *5 points*
5. Finishing - *5 points*
  - When everything is present and valid, tell the user so and ask the user whether or not they wish to enter another set of program data. If so, reset all of the fields and let them reenter. If not, disable all the fields and pop up a “thank you” message.

Submitting

Upload your entire site to your directory on my server via FTP.