

# ITS Concepts

ITS 130 • Spring 2011

## -Web Project

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This is an individual project. No teams. All work must be your own. Yes, really.

### *Goal*

Design, develop, and test a nice-looking and elegant single-page web app that allows the user to fill out a social network registration form.

### *Functional Requirements*

- Present the following fields:
  - First name (optional, text)
  - Last name (required, text)
  - Date of Birth (required, YYYYMMDD format)
  - E-mail address (required, valid format)
  - Gender (optional, two mutually exclusive choices)
  - Favorite Movies (optional, multi-select)
  - Essay (optional, free-form text)
- Present two buttons:
  - Reset - clears the fields
  - Submit - validates the data, and . . .
    - \* if there are errors, reports them.
    - \* if there are no errors, tells the user “Thank you.”
- Test it. Then test again. Then get your friends to test it. Then start really testing. Make it great!

### *Development Requirements*

- HTML code must validate (no errors, warnings are ok) against the current W3C HTML5 standard.
- Use proper HTML input types for each field.
- Write CSS for look and feel (colors, fonts, etc.)
- Use JavaScript to validate the input and report errors.

### *File Requirements*

- Place all HTML, CSS, and JavaScript in a single document; one *.html* file. While not a best practice, this is only a single-page web app, and it keeps everything together making it easy to e-mail.

### *Submitting*

- E-mail Alan your file on or before class on the day this is due. Make sure your name is somewhere on the page or in the code where Alan can easily find it.