

# HTML5 Part II

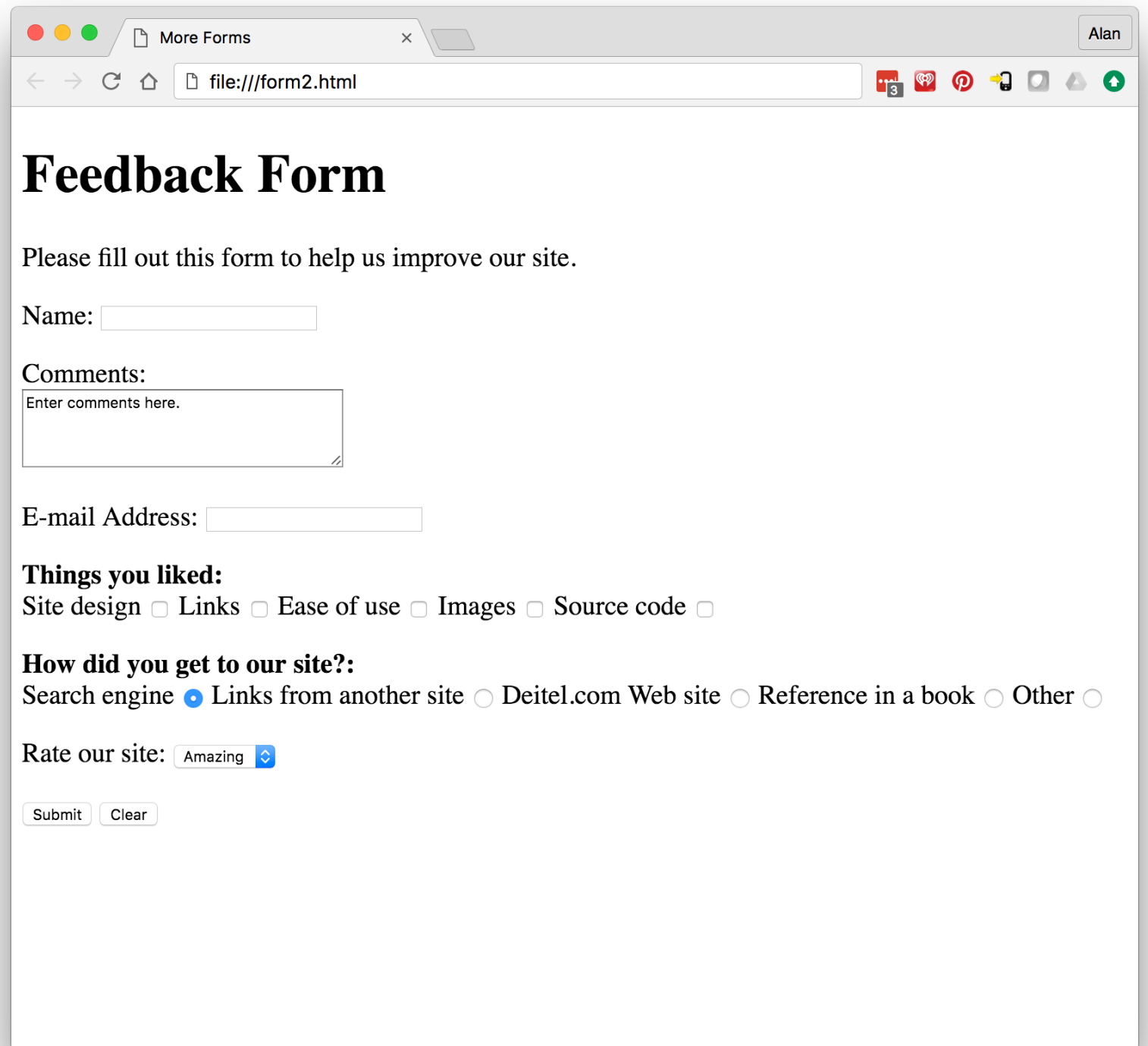
MISY 350, Wang

# Outline

- Simple HTML forms
  - Input types: text, submit and reset, TextArea, password, select checkbox, radio
  - Form attributes: Method, action
  - Hidden input types
- Advanced forms
  - Input types: color, date, date, month, week, time, range, email, number, url, search, tel,
  - Attributes: autofocus, placeholder, required, autocomplete
  - Elements: datalist
- Page structure elements:
  - Header, time, nav, figure and figurecaption, article, summary and details, section, aside, meter, footer, mark and wbr

# Demo1:

## A simple form



The screenshot shows a web browser window with a single tab titled 'More Forms'. The address bar displays 'file:///form2.html'. The browser's toolbar includes navigation buttons (back, forward, refresh, home) and a set of social media sharing icons (Facebook, Twitter, LinkedIn, Email, Print, and a green share icon). The page content is a feedback form with the following sections:

- Feedback Form**
- Please fill out this form to help us improve our site.
- Name:
- Comments:
- E-mail Address:
- Things you liked:**  
Site design ☐ Links ☐ Ease of use ☐ Images ☐ Source code ☐
- How did you get to our site?:**  
Search engine ☒ Links from another site ☐ Deitel.com Web site ☐ Reference in a book ☐ Other ☐
- Rate our site:
-

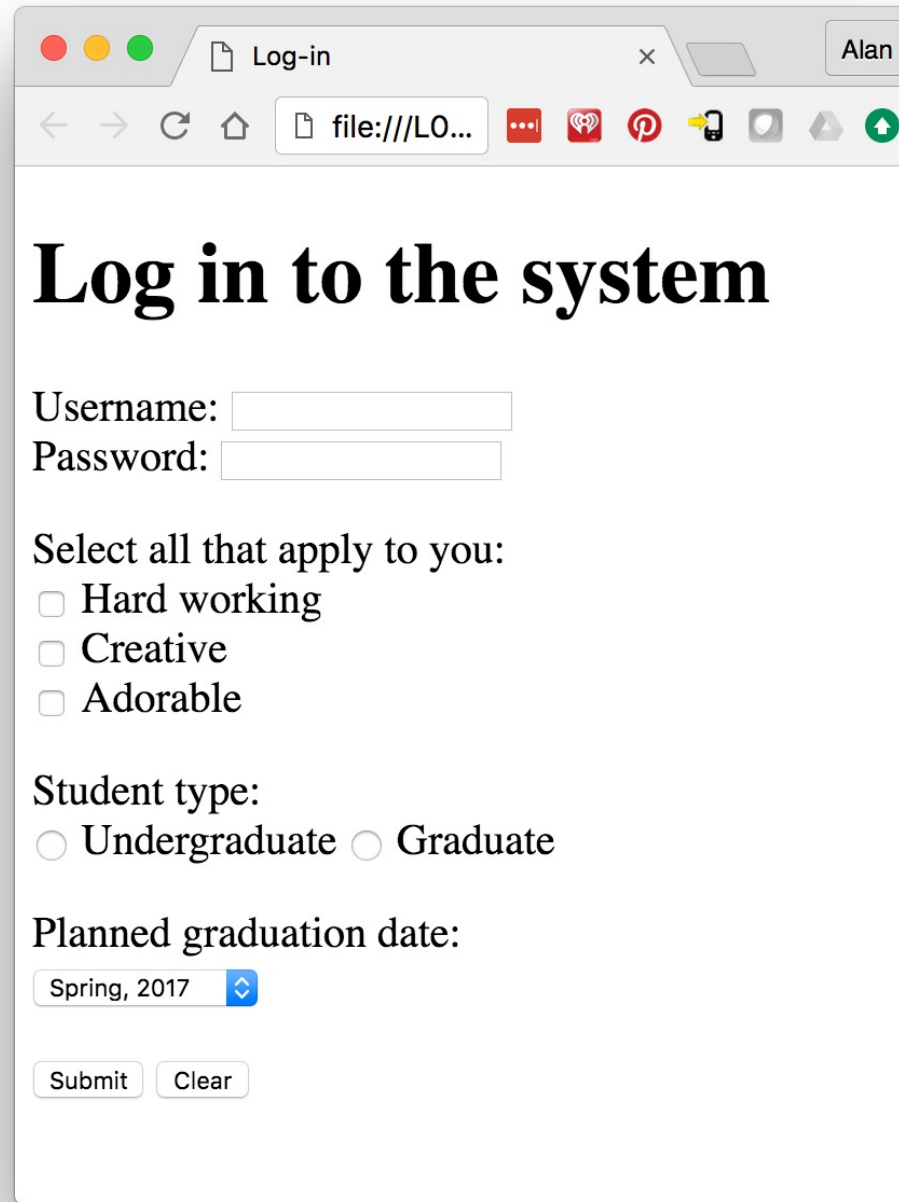
# Exercise 1:

Potential graduate  
dates are:

Spring, 2017

Summer, 2017

Fall, 2017



The screenshot shows a web browser window with the title 'Log-in'. The address bar displays 'file:///LO...'. The page content includes a heading 'Log in to the system', followed by 'Username:' and 'Password:' labels with corresponding input fields. Below these is a section 'Select all that apply to you:' with three checkboxes labeled 'Hard working', 'Creative', and 'Adorable'. This is followed by 'Student type:' with two radio buttons labeled 'Undergraduate' and 'Graduate'. Then, 'Planned graduation date:' is shown with a dropdown menu currently set to 'Spring, 2017'. At the bottom are 'Submit' and 'Clear' buttons. The browser's top bar shows standard navigation icons and a user profile icon labeled 'Alan'.

Log in

file:///LO...

## Log in to the system

Username:

Password:

Select all that apply to you:

- ☐ Hard working
- ☐ Creative
- ☐ Adorable

Student type:

☐ Undergraduate ☐ Graduate

Planned graduation date:

Spring, 2017

Submit Clear

# Demo2: An advanced form

New HTML5 Input Types Demo

This form demonstrates the new HTML5 input types and the placeholder, required and autofocus attributes.

Color:  (Hexadecimal code such as #ADD8E6)

Date:  (yyyy-mm-dd)

Datetime:  (yyyy-mm-ddThh:mm+ff:gg, such as 2012-01-27T03:15)

Datetime-local:  (yyyy-mm-ddThh:mm, such as 2012-01-27T03:15)

Email:  (name@domain.com)

Month:  (yyyy-mm)

Number:  (Enter a number between 0 and 7)

Range: 0  20

Search:  (Enter your search query here.)

Tel:  (###) ###-####

Time:  (hh:mm)

URL:  (http://www.domainname.com)

Week:  (yyyy-Wnn, such as 2012-W01)

# Page-structure elements

- Header (vs. head): A page can have multiple header elements; creates a header for each sectioning element; usually includes a heading element (h1, h2, etc.)
- nav: used to group navigation links
- Figure and figurecaption: a figurecaption can be associated with a group of figures (img, chart, table)
- Article: used to mark a standalone section, e.g., news article, story, comment
- Summary and details: summary element displays a right-pointing arrow next to a summary; when the summary is clicked, the arrow points downward and show the details element
- Section: used to define a group of related content; use a heading (h1-h6) to define each section

# Demo 3: Page-Structure Element

- **Read this:** "How to use the HTML5 Sectioning Elements"  
(<http://blog.teamtreehouse.com/use-html5-sectioning-elements>)
- Demo 3: Textbook Example Figure 3.18