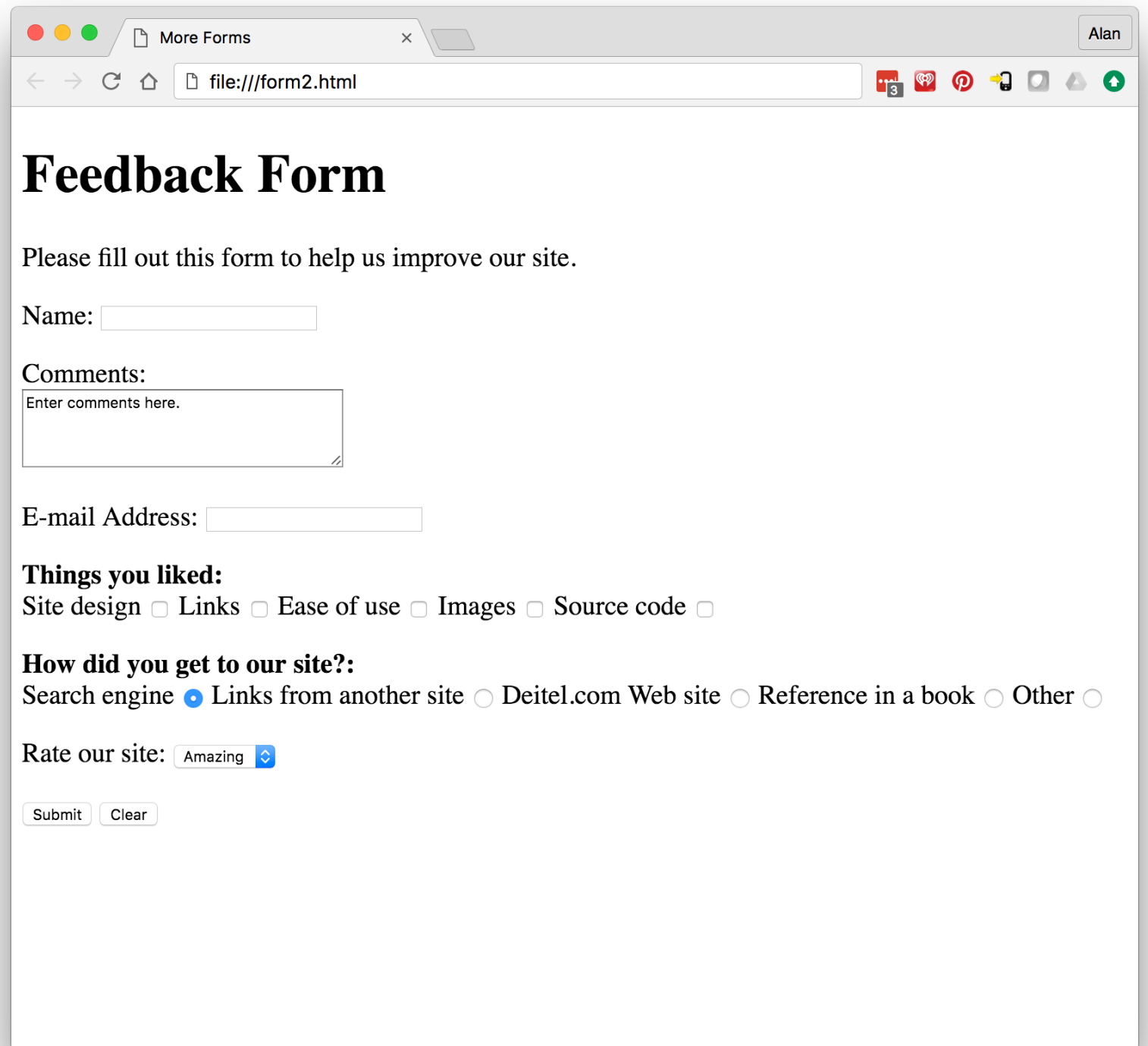# HTML5 Part II

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

Feedback Form

Please fill out this form to help us improve our site.

Name: [   ]

Comments:
```
Enter comments here.
```

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: [Amazing ⇕]
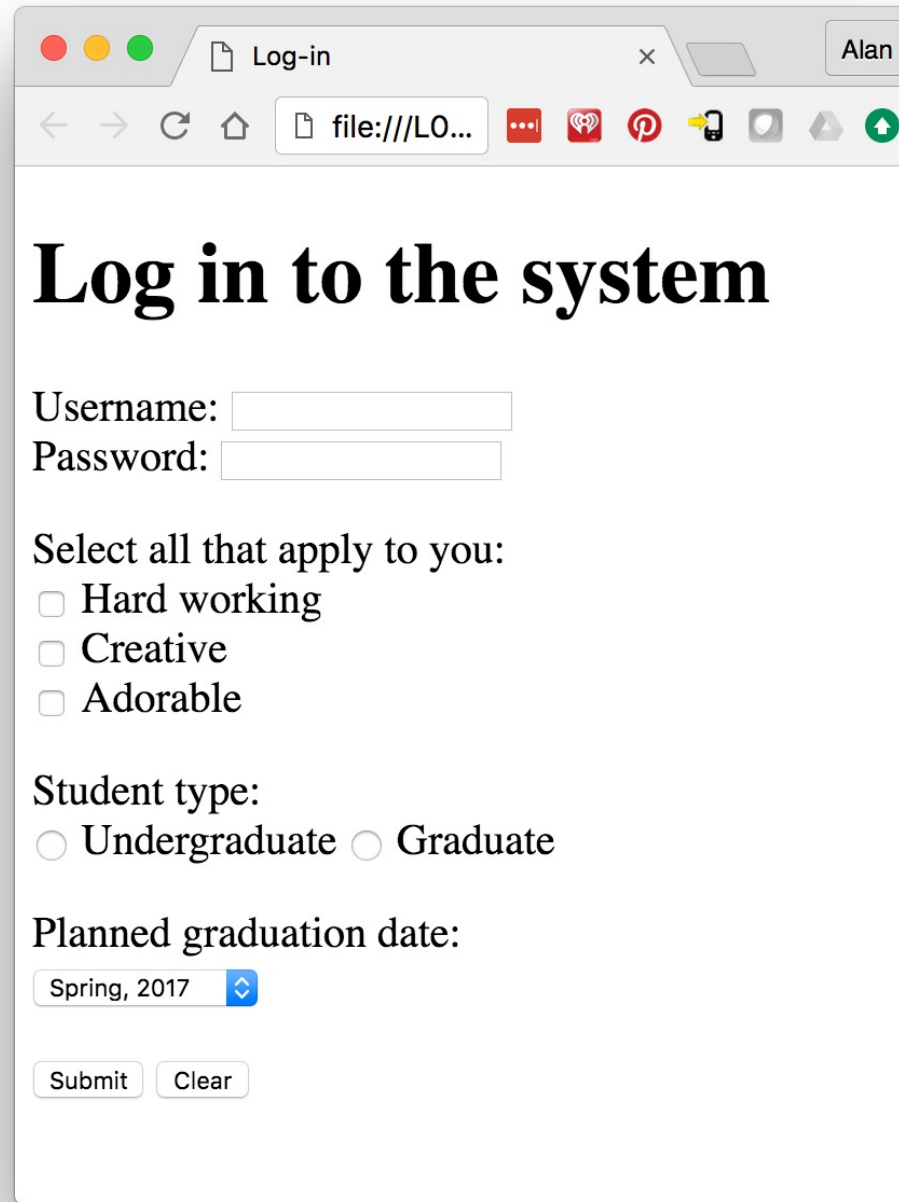
[Submit] [Clear]

Exercise 1:

Potential graduate
dates are:
Spring, 2017
Summer, 2017
Fall, 2017

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: `mm/dd/yyyy` (yyyy-mm-dd)

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

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

Email: `name@domain.com` (name@domain.com)

Month: `--------- ----` (yyyy-mm)

Number: `4` (Enter a number between 0 and 7)

Range: 0 ———○——— 20

Search: `search query` (Enter your search query here.)

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

Time: `--:-- --` (hh:mm)

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

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

Submit Clear

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