

Comp 388/424 - Client-side Web Design

Spring Semester 2016 - Week 8

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Contents

- DEV week
 - *presentations*
- Demo app
 - *'Delete All Notes' option*

DEV week presentation and demo...

brief presentation or demonstration of current project work

- ~ 5 to 10 minutes per group
- analysis of work conducted so far
 - eg: *during semester & DEV week*
- presentation, demonstration, or video overview...
 - *outline current state of web app*
 - *show prototypes and designs*
 - *explain what works & does not work*
 - *anything else considered relevant to your research or development...*

DEV week Peer review

- take notes for each presentation
- complete peer review per project presentation
 - *individually, **NOT** as a group*
- peer review **MUST** be completed this week
 - *part of this week's assignment*
- collated, anonymised results sent to each group
- carefully review peer review results
 - *consider modifications, updates...*

Image - HTML5, CSS, & JS - DOM recap

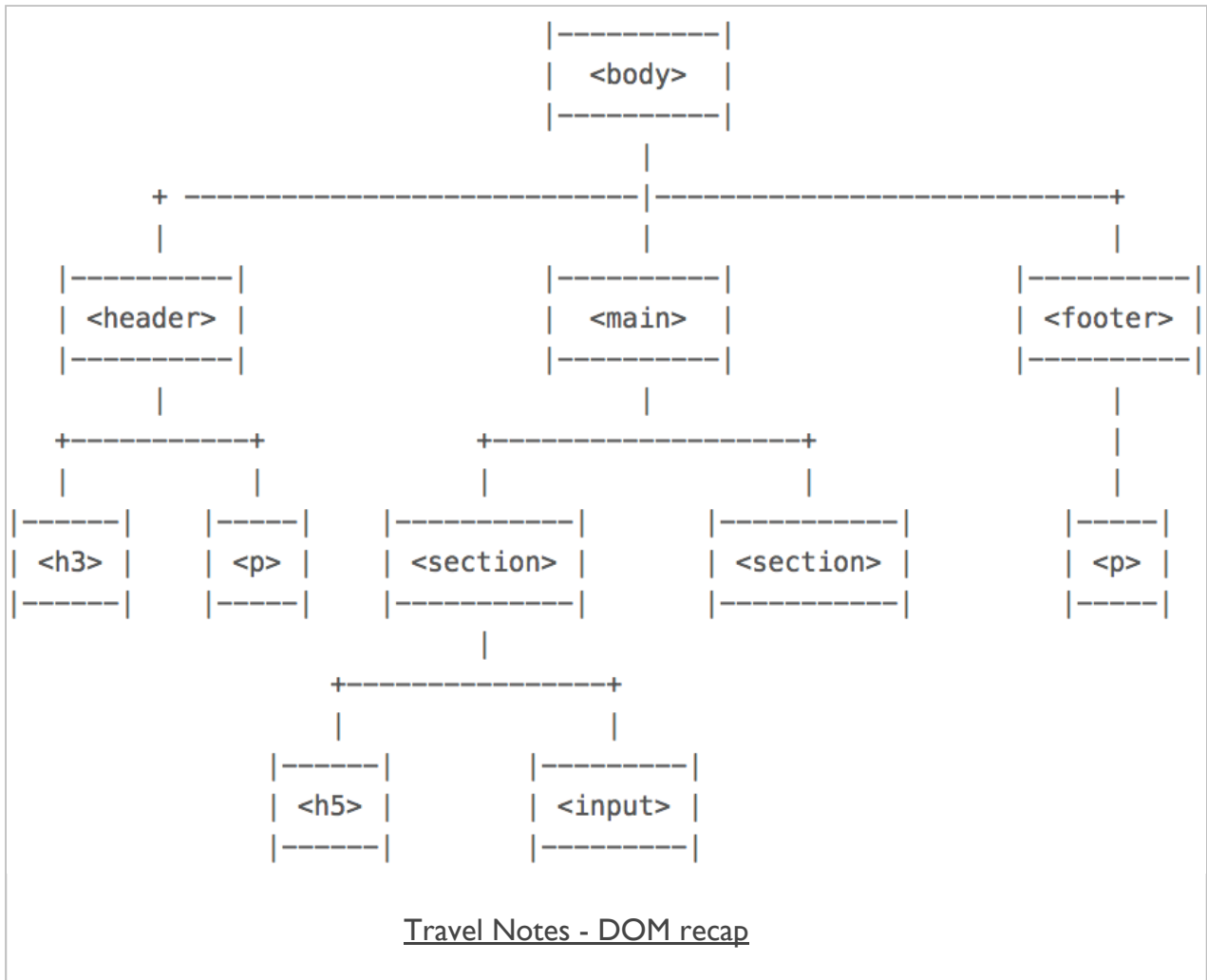


Image - HTML5, CSS, & JS - week 5 recap

travel notes

record notes from various cities and places visited...

add note

have fun in St Tropez

ride the tram in Nice

play golf in Mougins

app's copyright information, additional links...

Travel Notes - Demo 8 recap

HTML5, CSS, & JS - example - add-ons

new features and add-ons...

- delete all notes
- delete a single note
- new event handlers
- additional styling

HTML5, CSS, & JS - example - part I

delete option - all notes

- standard `remove()` function in jQuery

```
$("#p").remove();
```

- option to **delete all** notes from `.note-output`
- add a new toolbar for note controls and options

```
<section class="note-controls">
  <button id="notes-delete">Delete all</button>
</section>
```

- then add some simple styling for this new toolbar

```
/* note controls */
.note-controls {
  margin: 10px 0 10px 0;
  padding: 2px;
  border-bottom: 1px solid #dedede;
  display: none;
}
/* simplify default button styles for note controls */
.note-controls button {
  padding: 2px;
  margin: 2px;
  border-radius: 0;
  border: 1px solid #dedede;
  cursor: pointer;
}
```


HTML5, CSS, & JS - example - part 2

delete option - all notes

- note controls toolbar is hidden, by default in the CSS
- need some way to check its visibility as we add our notes
 - *no notes, then the toolbar is not required*

```
//check element visibility - expects single element relative to display:none  
function checkVisible(element) {  
  if (element.is(":hidden")) {  
    element.fadeIn();  
  }  
}
```

- simply checking a passed element to see whether it is hidden
 - *then fadeIn() as necessary*
- can update this method later on to check hidden and visible
- call this function as required

```
checkVisible($(".note-controls"));
```

HTML5, CSS, & JS - example - part 3

delete option - all notes

- add a note, the `.note-controls` toolbar is shown
 - **delete all** button now becomes available to our users

```
//handle deletion of all notes
$("#notes-delete").on("click", function(e) {
  var $note = $(".note-output p");
  $(this).parent().hide();
  $note.remove();
});
```

- creating a new handler for the click events on the `#notes-delete` button
- hides its own container, the notes toolbar
- then removes all of the notes, `p`, from the `.note-output` section

HTML5, CSS, & JS - example - part 4

JS code so far

```
//check element visibility - expects single element relative to display:none
function checkVisible(element) {
  if (element.is(":hidden")) {
    element.fadeIn();
  }
}
...
//handle deletion of all notes
$("#notes-delete").on("click", function(e) {
  var $note = $(".note-output p");
  $(this).parent().hide();
  $note.remove();
});
```

- DEMO I - travel notes - week 6 - demo I

HTML5, CSS, & JS - example - part 5

delete option - all notes

- still making an assumption notes exist in the note-output section
- add an additional function to check element exists in the DOM or not
- use jQuery's `length()` function

```
$("p").length()
```

- new function for checking elements in the DOM is as follows,

```
//check elements exists
function checkExist(element) {
  if (element.length) {
    return true;
  } else {
    return false;
  }
}
```

HTML5, CSS, & JS - example - part 6

delete option - all notes

- updated delete all notes option to include check for notes
- call `checkExist()` function in conditional statement

```
//handle deletion of all notes
$("#notes-delete").on("click", function(e) {
  //set note selector
  var $note = $(".note-output p");
  //check $note exists
  if (checkExist($note) === true) {
    //hide note-controls
    $(this).parent().hide();
    //remove all notes
    $note.remove();
  }
});
```

- DEMO 2 - travel notes - week 8 - demo 2

Image - HTML5, CSS, & JS - week 8 - demo 2

travel notes

record notes from various cities and places visited...

add note

stroll along the Promenade des Anglais in Nice

lose money in Monaco

meet Picasso in Antibes

be seen in Cannes

app's copyright information, additional links...

Travel Notes - Week 8 - Demo 2

Demos

Travel notes app

- DEMO 1 - travel notes - week 8 - demo 1
- DEMO 2 - travel notes - week 8 - demo 2

References

JavaScript & Libraries

- [jQuery](#)
- [jQuery API](#)
- [jQuery :parent selector](#)