MI349

Web Design ϟ Development

HTML5 & **Semantics**

Overview

- Readme assignment overview and take-a-ways (the good and bad)
- Overview of HTML5 elements and best-practices
- The importance of web semantics

README Project

- Generally well done — most people had a solid grasp of the basics.
- Most of the issues were small and nitpick-y, but they can get you into trouble.
- Some of you turned in nothing, that was sad :(

Common Issues

Valid Elements

- Make sure you are using only valid elements (no <p1> or made up tags)

- Make sure you are always checking the spec:
  - https://developer.mozilla.org/en-US/docs/Web/HTML/Element

- Github Example

Double Quotes

- I like double quotes, most people use double quotes on attribute values.

- Single quotes are ok if you're being consistent and using them everywhere.

- Do yourself a favor and just use double quotes

- Github Example

Semantic Tags

- Use semantic tags whenever possible.

- http://www.w3schools.com/html/html5_semantic_elements.asp

- Github Example

Avoid

- Usually you can create the same effect using more semantic tags like <ul>, <li> and <p>.

- Github Example

Indenting & Spacing

- Indent nested items and children

- Do not add extra whitespace around attributes, tags, etc.

<lowercase>

- Make sure all tags and HTML entities are in lowercase.

Inline CSS

- Avoid inline CSS if you can (not a huge deal for this assignment, but it can cause major problems on large-scale projects.

- Github Example

Template Review

HTML5 Best Practices

Anatomy of an HTML Element

Use HTML5

Start with a Template

Content First

Think about Semantics

Check your References

- https://developer.mozilla.org/en-US/docs/Web/HTML/Element

Validate

- https://validator.w3.org/