

## Objectives

- Web Accessibility
- Project checkpoint

## Web Accessibility

- Original web goal: “This is for everyone”
- Accessibility goal: Everyone should be able to access all web content
  - Global accessibility benefits everyone
  - Federal Section 508 standards – ADA law

## Basic Accessible Design Principles

- Provide appropriate alternative text
  - Within the alt attribute of the img element.
  - Within the context or surroundings of the image itself
- Caption video, provide transcripts for audio
- Make file downloads (e.g., PDFs) accessible
  - Checkers for various file types

## Basic Accessible Design Principles

- Do not rely on color alone to convey meaning
- Make content structured, clearly written, and easy to read
  - Make use of semantic elements

## Web Accessibility Evaluation Tool



- <https://wave.webaim.org/>
  - Provides feedback on accessibility issues on web page
  - Tells you the good and the bad (what needs fixed)
  - Does not give you a “pass”
    - Requires a human

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## Accessibility Resources

- Intro to Web Accessibility
  - <https://www.w3.org/WAI/fundamentals/accessibility-intro/>
- Health and Human Services – check lists for various file types, explanations, ...
  - <https://www.hhs.gov/web/section-508/making-files-accessible/index.html>

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# PROJECT CHECKPOINT

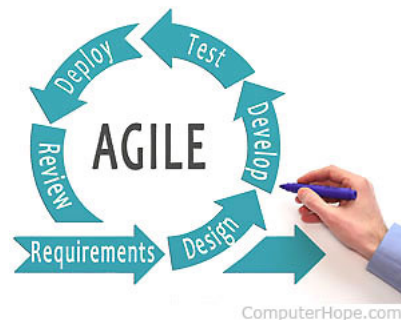
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## Agile Development

- Reevaluating and prioritizing tasks
- Why?
  - Client clarifications and ideas
  - You're more knowledgeable and have more experience
  - Some tasks/features are completed!
- Considerations
  - What should we add?
  - What it's need dotted?
    - Recall good design principles
  - How long will the tasks take?
  - How should we prioritize?
  - Who is our audience? How will they access the site?



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## Using Jira

- Add issues to Jira
- Help with prioritizing tasks and assigning to people
  - Others who are done can work on other tasks
- Don't want to forget any tasks

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## Demonstration

- Friday 10 a.m.: deadline for what goes on test server for demo
  - Whatever is in the development branch will be run on test server
- Friday 11:45 a.m.: set up in the Library
  - Projectors and monitors
- Friday noon – 2 p.m.: Spring Term Fest
  - Demo the application
  - Explain application as a whole

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## Documentation: Due Sat at 5 p.m.

- Purpose: overarching documentation (not comments or commit messages)
  - Dependencies – why used
  - What needs installed, configured, ...
  - How software run
  - ...
- Variety of forms
  - Text files in repository
  - Box notes
  - Wiki
- Create a documentation page on the wiki
  - Document where your documentation is

## Analysis: Due Sat at 5 p.m.

- Individual documentation of and reflection on application
- Analyze code's design and implementation
  - Cover the application broadly and your team's contributions
- See requirements on course project page

## Final Implementation: Due Sat 5 p.m.

- All code committed and pushed to GitHub in the development branch
- Make sure the code works/runs

## Plan

- Now
  - Add issues to Jira
  - Decide on next steps
  - Collaborate with teammates or across teams
- This afternoon
  - Team photos
  - Continue development
- Rest of week
  - Thursday – wrap up, retrospective
  - Complete tasks