

MOZILLA WAT PROJECT SCOPE STATEMENT

PROJECT OBJECTIVE

Create automated web accessibility testing tool, integrate within Jenkins CI and deploy within time frame given.

DELIVERABLES

- Automated accessibility testing tool integrated within Jenkins that tests any webpage/website's HTML, CSS and provides comprehensive report of areas that need to be revised. Tool will check for images, headings, video, color, use of Flash etc.

MILESTONES

Reading and research into WAT, standards, tools and APIs - 3/15/17

Reading and research to conclude in early April (previously mentioned in IRC)

Internship officially starts 5/30/17

Project to be completed by end of internship, August 30th, 2017

TECHNICAL REQUIREMENTS

1. Testing tool must meet or exceed guidelines set forth in WCAG 1.0
2. Meet or exceed guidelines set forth in WCAG 2.0
3. Meet or exceed guidelines set forth in Section 508.
4. Minimize or eliminate false positive results.
5. Tool, tests must be able to run within Mozilla Jenkins CI.
6. Revise and update documentation.
7. Collaborate with Mozilla test engineering and accessibility teams

LIMITS AND EXCLUSIONS

1. Project will be focus solely within automated testing parameter
2. According to w3.org, automated tools have limitations, "fully automated accessibility testing" can not truly be achieved. Optimal results require a combination of testing methodologies.
3. Tool may not test for all accessibility issues that could arise.
4. Time constraint, time to work on project will be from 5/30/17 - 8/30/17

MENTOR REVIEW

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