

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Improve High Contrast Mode for Firefox

The Capstone Experience

Team Mozilla

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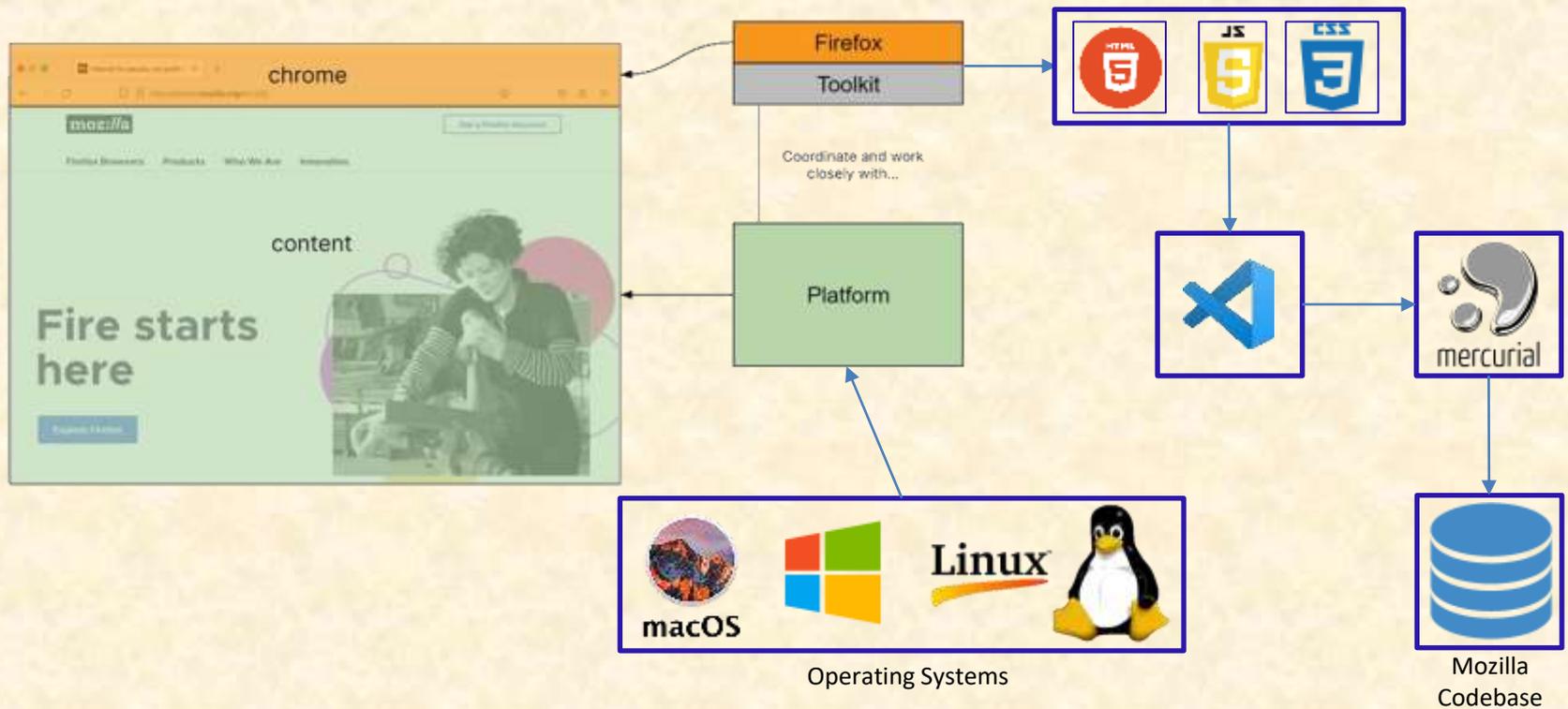
*From Students...
...to Professionals*

Project Overview

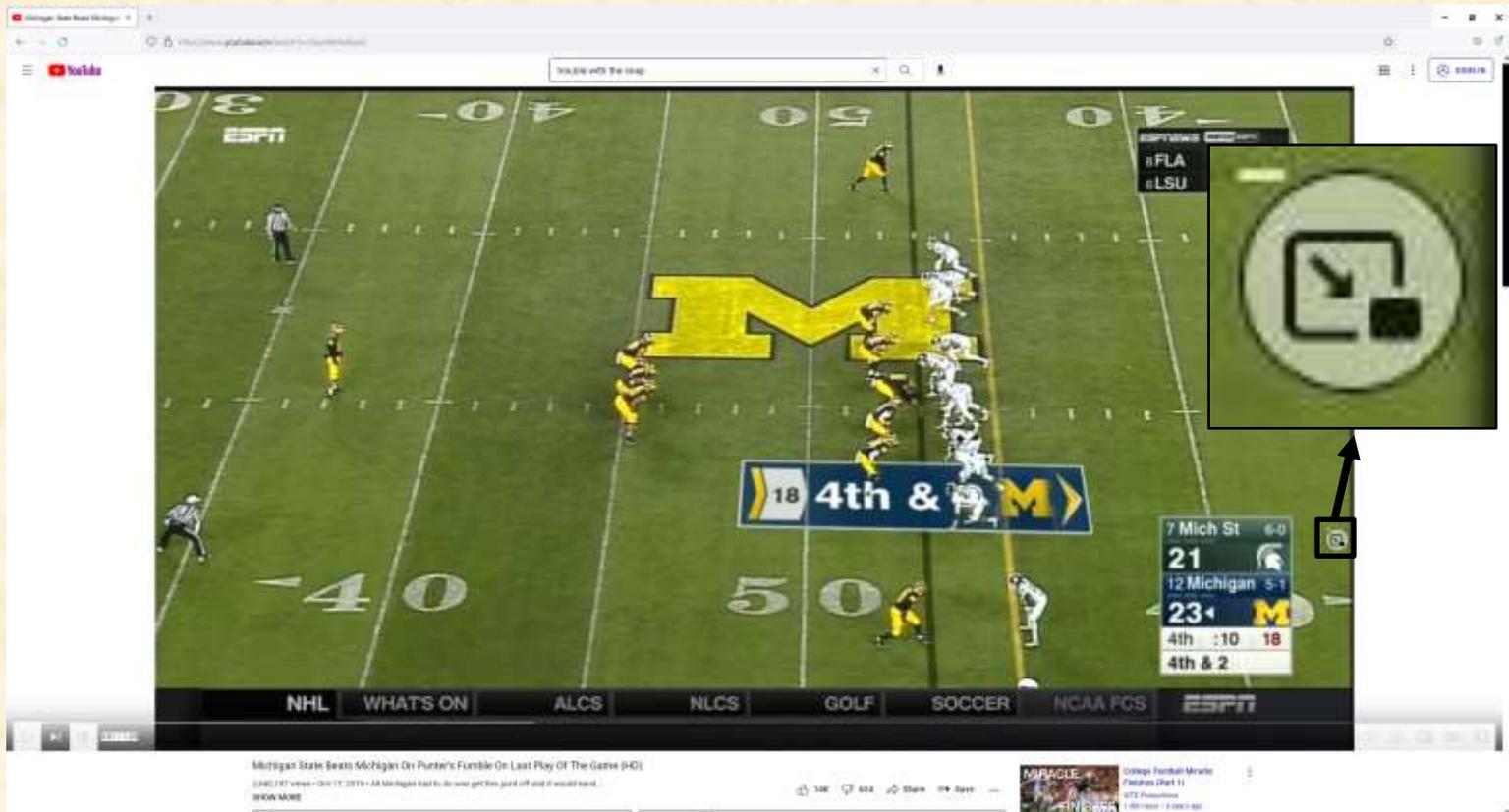
- High contrast mode (HCM) makes Firefox's UI easier to read
- HCM helps users with visual impairments get the full Firefox experience
- While HCM is an essential feature for making the Firefox more accessible, there is still more that can be done to make HCM even better
- Each team member is assigned various bugs to work on in order to improve HCM



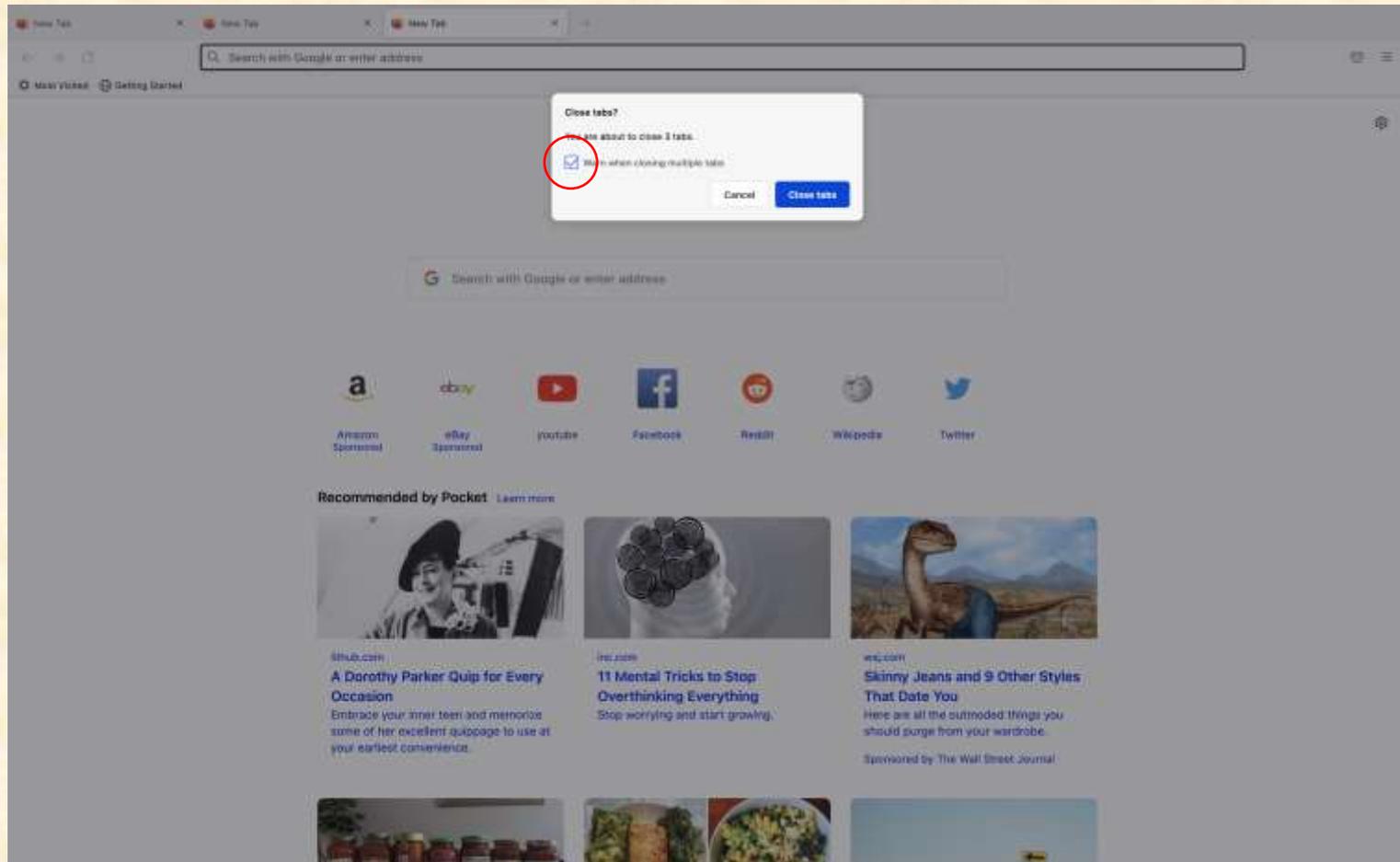
System Architecture



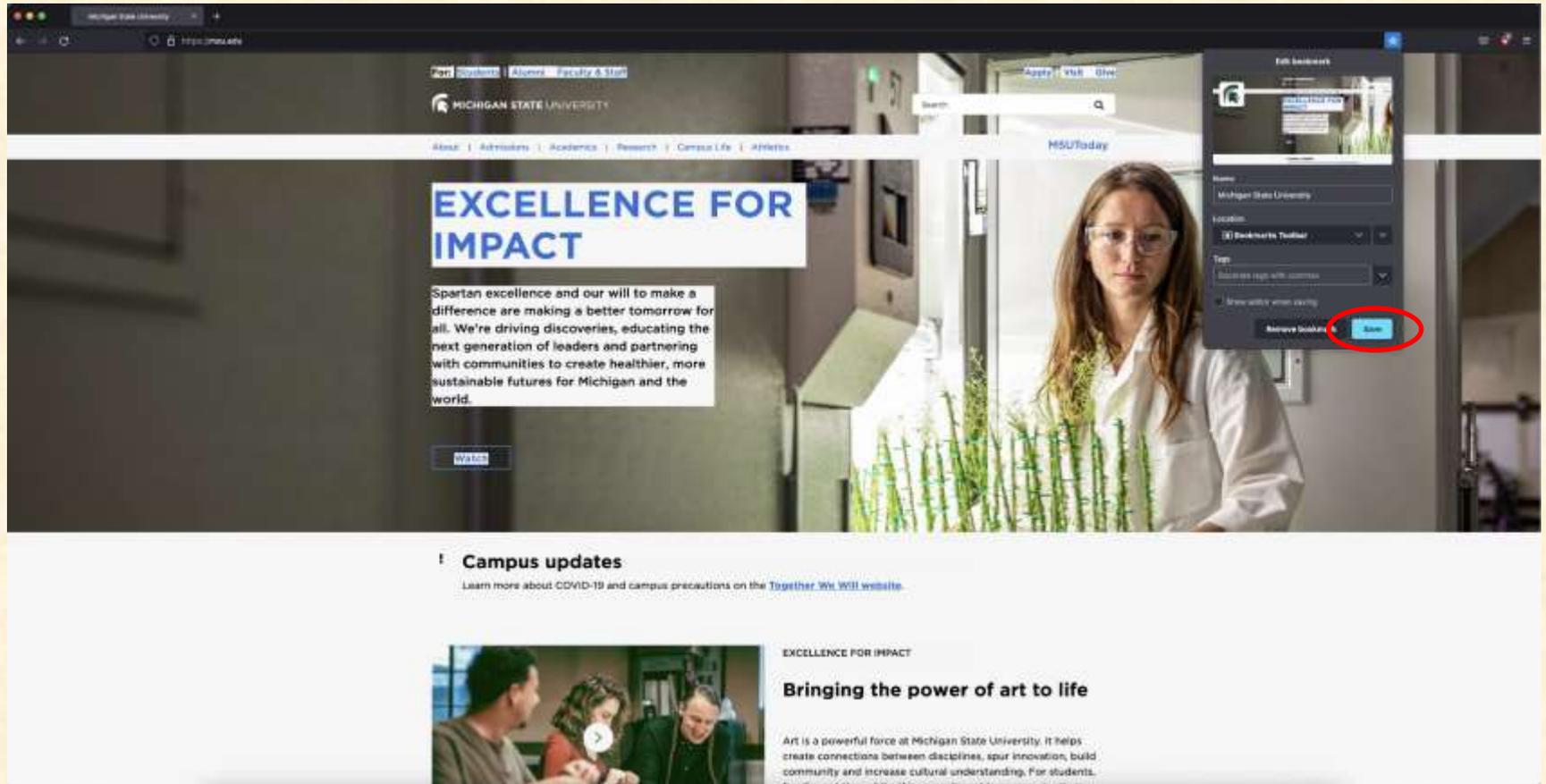
PiP Bug: Before the Fix



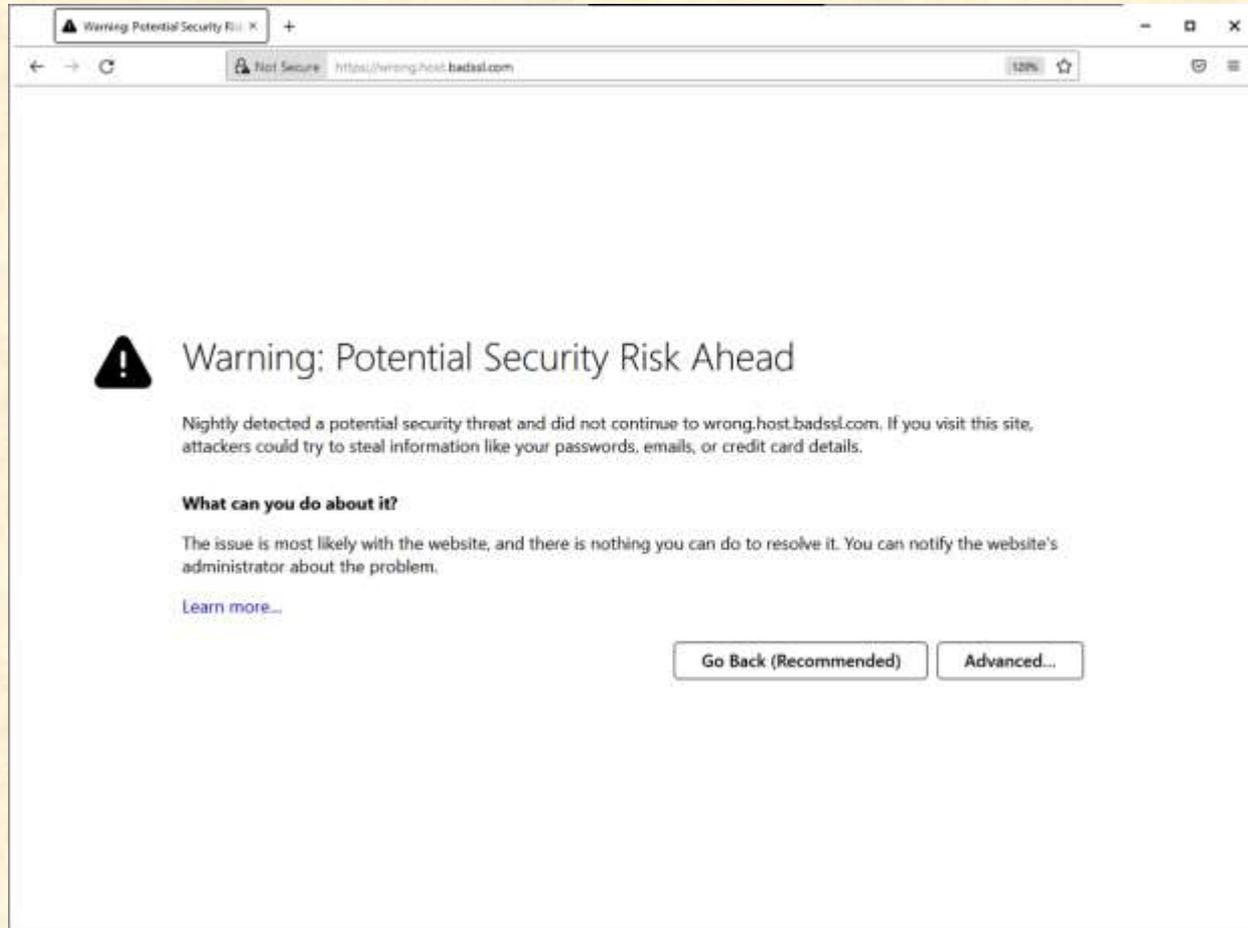
Popup checkbox bug: Before the Fix



Focus Ring bug : Before the Fix



Screen Mockup: Making the Buttons of the Bad SSL Page to Have Correct Border and Color in White HCM



What's left to do?

- Stretch Goals
 - The context menu text is not visible while navigate through the menu with high contrast white on Windows 7
 - Tabs bar buttons lacks contrast in high contrast mode
 - Download Panel doesn't show progress bar in high contrast
 - "Remember this decision" checkbox and on button hover effects are not visible
- Other Tasks
 - Fix as many bugs as we can
 - Transition remaining bugs to the new assignees



Questions?

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