

Assignment One Outline

CHROME EXTENSION

COURSE WEIGHTING: 20%

DUE DATE: February 24, 2021 @ 1PM

SUBMIT: GitHub URL to Moodle

Being able to access and modify the DOM with JavaScript is at the heart of creating dynamic web content. DOM web technologies enable tools like extensions to interact with webpages we visit to help us login, discover page details, pin to collections, check our spelling, and so much more. For this assignment you will design and develop an extension for Google's Chrome browser that modifies the DOM's appearance and/or content in a creative way. You can create the extension to affect a single site or all sites - but be sure that whatever changes you make are meaningful (simply updating background colours will not do!)

Examples

Cornify - applies stickers at random locations on the page. Also enables you to clear them.

Gif Dance Party - adds gifs to the page and animates page content

YAS by Queer Eye - changes every 'yes' to 'YAS'

Ethical Product Alternatives - suggests a web tool from their curated list of ethical products

Through this assignment, you will demonstrate your knowledge of:

- Interpreting the DOM using browser developer tools
- Interfacing with the DOM using JavaScript
- Extending the user experience of the Web

Technical Parameters

Must Include:

Unpacked Chrome Extension
JavaScript/jQuery
DOM modification
GitHub Repository
Citations

Can Include:

Other Libraries
Short snippets of people's code (*include the citation as a comment near the code*)

Cannot Include:

Placeholder content
Un-cited content

Deliverables

Submit a URL to your assignment repository on GitHub to Moodle.

Your repository must have a readme.md file that includes:

- description of your extension (min 200 words)
- copyright information