WebWatch Style Guide

We use [Black](#) for formatting our backend Python code, and [Prettier](#) for formatting our frontend TypeScript/React code. We use ESLint for linting our frontend code, and pull requests must succeed building (npm run build) before merging into the main branch.

Usage

cd backend
black .

cd frontend
npx prettier --write .

API Conventions

Adhere to REST API naming conventions when creating routes.
https://restfulapi.net/resource-naming/

Black Rules

1. Line Length: 88 characters
2. Tab Width: 4 spaces
3. Display one args/list elements per line if all entries can't fit in one line
4. Use double quotes over single
5. 2 empty lines between module-level function definitions
6. Remove unnecessary parentheses unless it is used to improve readability
7. Try to fit conditions in one line, otherwise wraps one condition per line
8. Comment next to code must have two spaces in between
9. For methods with call chaining, each call will be on its own line
10. Line endings will follow the line ending of first line

Prettier Rules

1. Line width: 80 characters
2. Tab Width: 2 spaces
3. Use tab for line indentations
4. Use double quotes for strings
5. Use trailing semicolons
6. Try to not use quotes around object property keys
7. Spacing between curly braces for inline objects
8. Always add parentheses for inline function arguments

9. Order TailwindCSS class names based on an [automatic class sorter](#)
10. [Wrap](#) class names longer than line width

https://google.github.io/styleguide/jsguide.html#features-object-literals