ASSIGNMENT 8

Web Application:

Asking Permission to locate :

| Weather | × | + | | | — | ▢ | × |

← → ↻ | localhost:8100/#/tab/dash   📖 ☆ | ≡ ✎ ◌ ⋯

Weather

Search

| Let localhost use your location? | Yes | No | × |
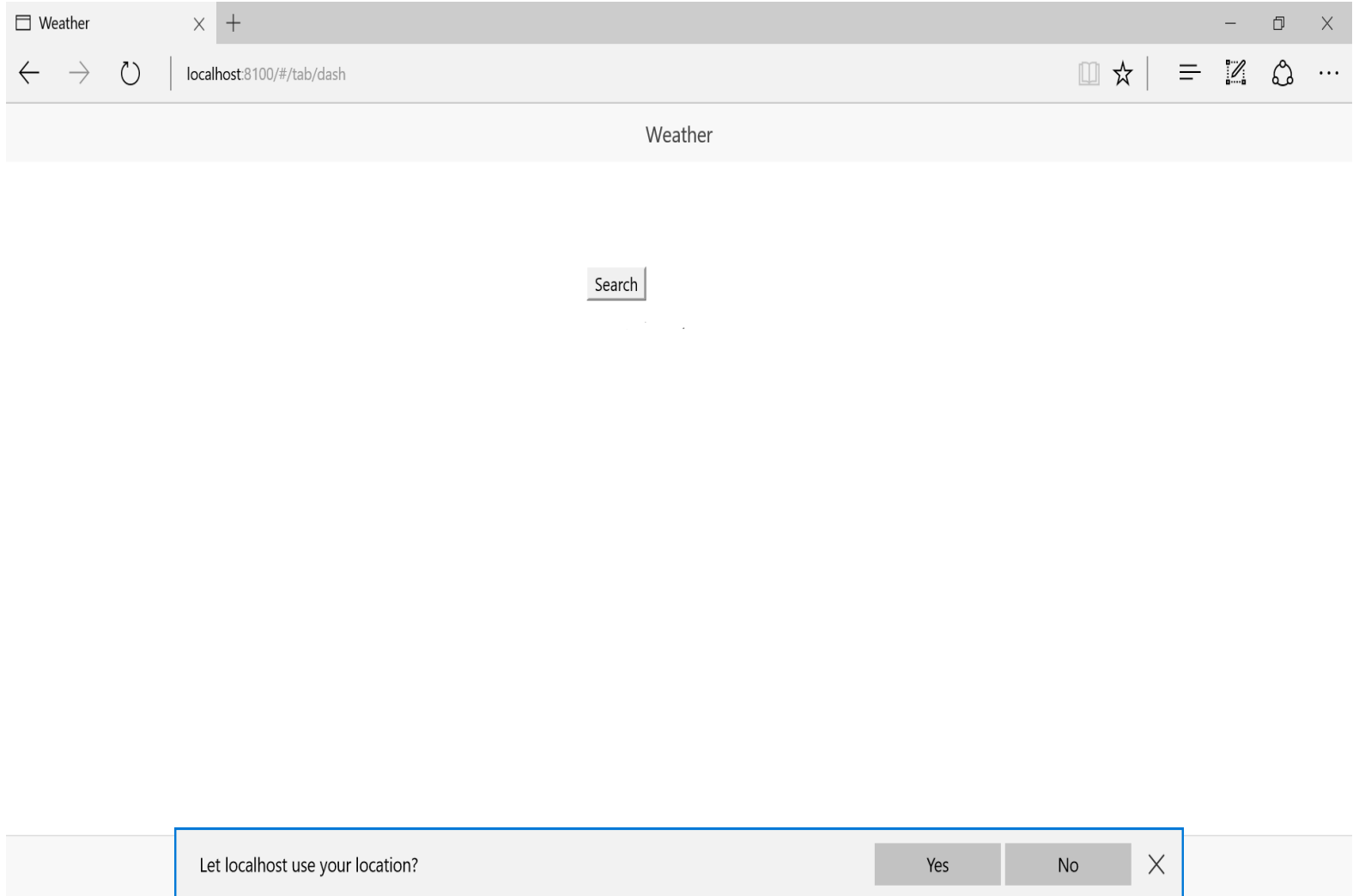
ASSIGNMENT 8

Finding Weather Using GeoLocation Plugin:

localhost:8100/#/tab/dash

Weather

Search

Westwood

Temperature: 9.6℃

Wind Speed: 6.2

Sky: Clouds

Latitude:39.063880499999996

Longitude:-94.5816025
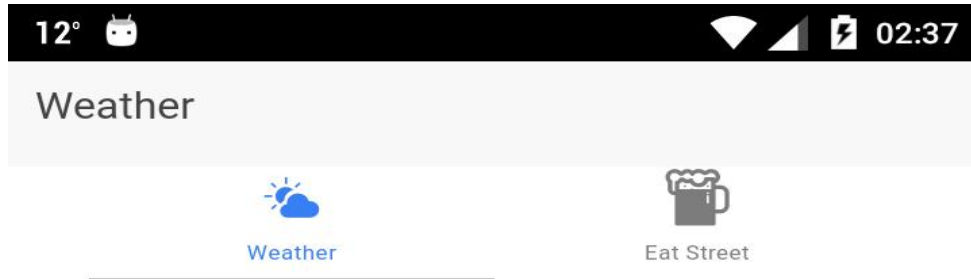
Weather   Eat Street
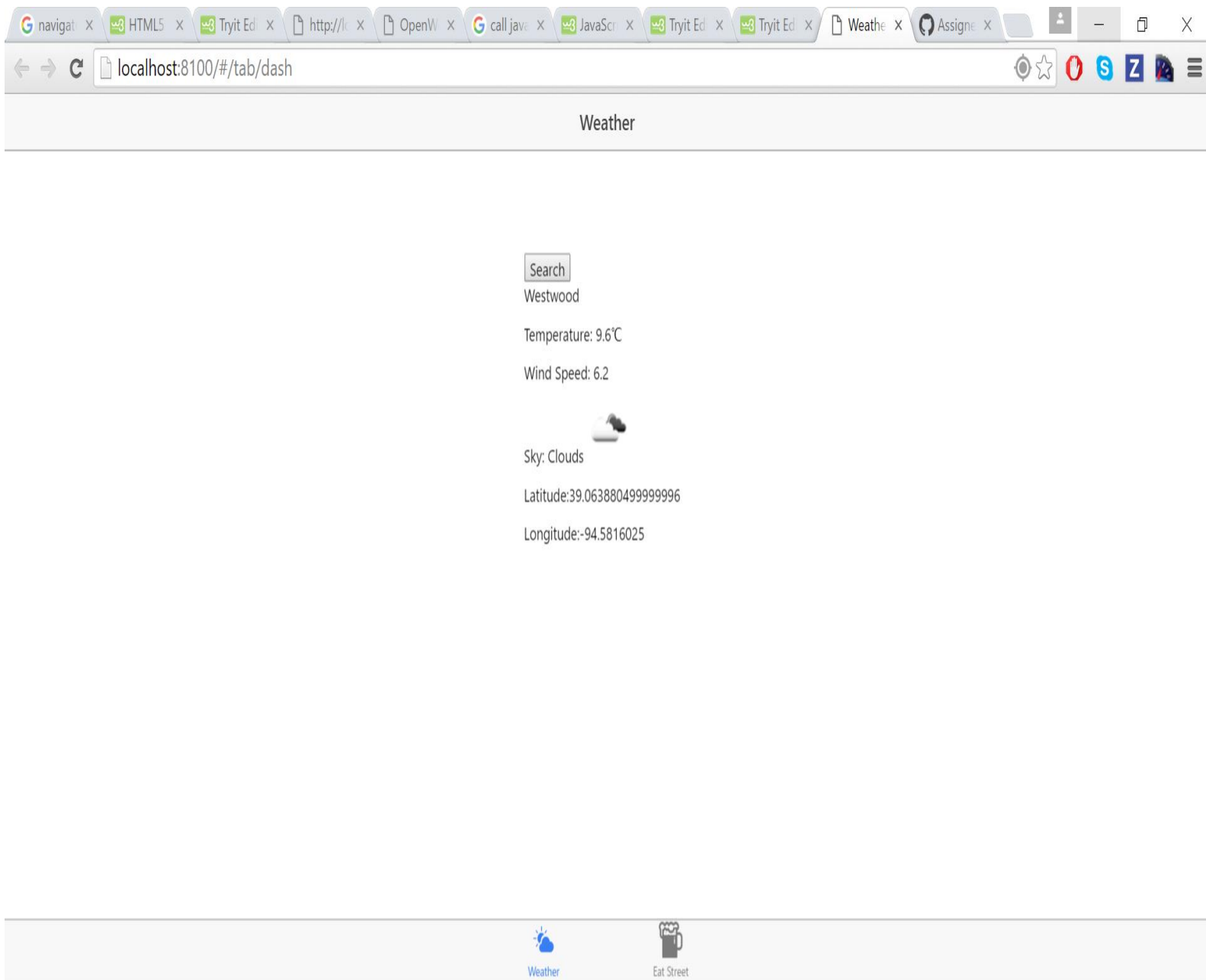
ASSIGNMENT 8

Mobile App:

Weather:

Search

Westwood

Temperature: 9.6℃

Wind Speed: 6.2

Sky: Clouds

Latitude:39.0637518

Longitude:-94.5817486

ASSIGNMENT 8

YSlow Analysis:
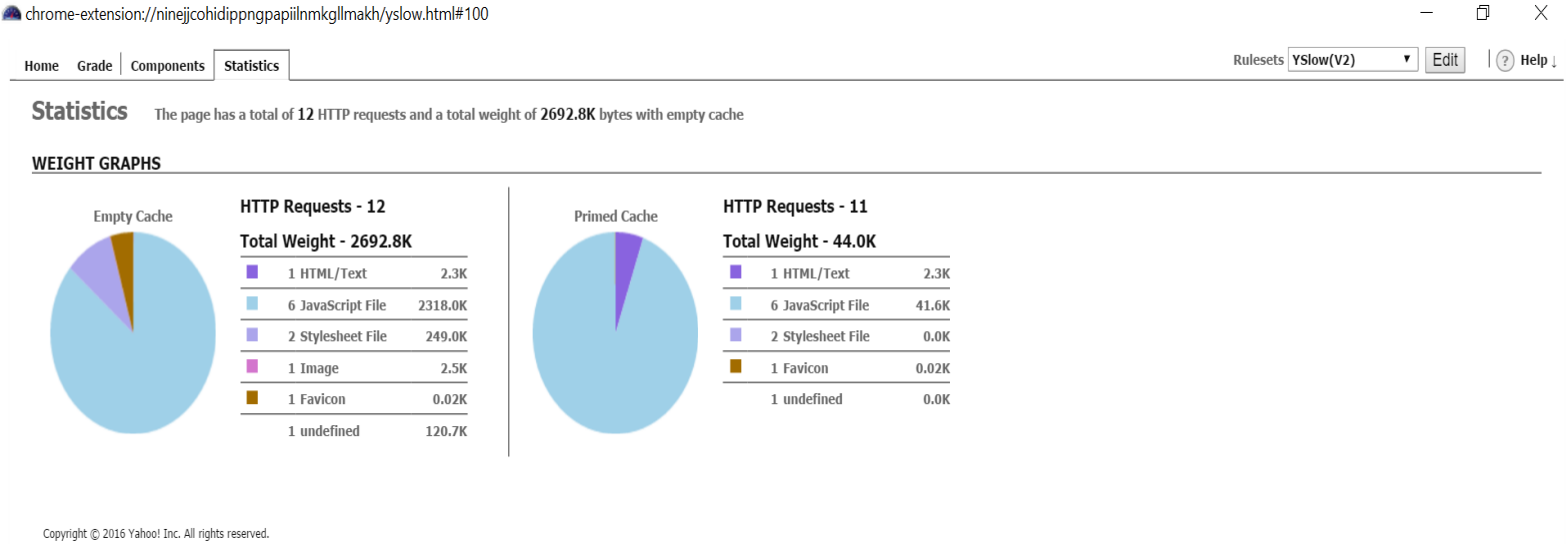
Home   Grade | Components | **Statistics**

Rulesets YSlow(V2) ▾ Edit   (?) Help ↓

Statistics

The page has a total of **12** HTTP requests and a total weight of **2692.8K** bytes with empty cache

WEIGHT GRAPHS

Empty Cache

HTTP Requests - 12

Total Weight - 2692.8K

■	1 HTML/Text	2.3K
■	6 JavaScript File	2318.0K
■	2 Stylesheet File	249.0K
■	1 Image	2.5K
■	1 Favicon	0.02K
	1 undefined	120.7K

Primed Cache

HTTP Requests - 11

Total Weight - 44.0K

■	1 HTML/Text	2.3K
■	6 JavaScript File	41.6K
■	2 Stylesheet File	0.0K
■	1 Favicon	0.02K
	1 undefined	0.0K

ASSIGNMENT 8

Home | Grade | Components | Statistics

Rulesets YSlow(V2) ▼ Edit | ? Help ↓

Components   The page has a total of **12** components and a total weight of **2692.8K** bytes

»Expand All

↑ TYPE	SIZE (KB)	GZIP (KB)	COOKIE RECEIVED (bytes)	COOKIE SENT (bytes)	HEADERS	URL	EXPIRES (Y/M/D)	RESPONSE TIME (ms)	ETAG	ACTION
⊞ doc (1)	2.3K									
⊞ js (6)	2318.0K									
⊞ css (2)	249.0K									
⊞ image (1)	2.5K									
⊞ favicon (1)	0.02K									
⊞ font (1)	120.7K									

* type column indicates the component is loaded after window onload event
† denotes 1x1 pixels image that may be image beacon

Home | Grade | Components | Statistics

Rulesets YSlow(V2) ▼ Edit | ? Help ↓

Grade C   Overall performance score 79   Ruleset applied: YSlow(V2)   URL: http://localhost:8100/#/tab/dash

ALL (23)   FILTER BY: CONTENT (6) | COOKIE (2) | CSS (6) | IMAGES (2) | JAVASCRIPT (4) | SERVER (6)

🐦 Tweet   📘 Share

B Make fewer HTTP requests	**Grade B on Make fewer HTTP requests**
F Use a Content Delivery Network (CDN)	
A Avoid empty src or href	This page has 6 external Javascript scripts. Try combining them into one.
F Add Expires headers	
F Compress components with gzip	Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.
A Put CSS at top	
C Put JavaScript at bottom	»Read More
A Avoid CSS expressions	
n/a Make JavaScript and CSS external	Copyright © 2016 Yahoo! Inc. All rights reserved.
A Reduce DNS lookups	
D Minify JavaScript and CSS	
A Avoid URL redirects	
A Remove duplicate JavaScript and CSS	
A Configure entity tags (ETags)	
A Make AJAX cacheable	
A Use GET for AJAX requests	
A Reduce the number of DOM elements	
A Avoid HTTP 404 (Not Found) error	
A Reduce cookie size	
A Use cookie-free domains	
A Avoid AlphaImageLoader filter	
A Do not scale images in HTML	
A Make favicon small and cacheable	