Assignment 9

I've extended the application developed in assignment 8 to implement the Cordova Plugin. My application has a map extension now.

Command Promt Screenshots:

```
O:\playground\experiment7 - Copy>ionic upload
Uploading app....
Saved app_id, writing to ionic.io.bundle.min.js...
Successfully uploaded (29ed80a4)

Share your beautiful app with someone:

$ ionic share EMAIL

Saved api_key, writing to ionic.io.bundle.min.js...

O:\playground\experiment7 - Copy>karma start karma.conf.js
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/node_models/angular-mocks/an
gular-mocks.js" does not match any file.
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/node_models/*.js" does not m
atch any file.
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/js/*.js" does not match any
file.
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/js/*.js" does not match
any file.
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/lib/ionic/js/ionic-angul
ar.min.js" does not match any file.
16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/tests/*.js" does not mat
ch any file.
16 03 2016 22:19:34.033:WARN [karma]: No captured browser, open http://localhost
:9876/
16 03 2016 22:19:34.048:INFO [karma]: Karma v0.13.22 server started at http://lo
calhost:9876/
16 03 2016 22:19:34.064:INFO [launcher]: Starting browser Chrome
16 03 2016 22:19:44.646:INFO [Chrome 49.0.2623 (Windows 7 0.0.0)]: Connected on
socket /#h1L39AUBf9gDBHXUAAAA with id 22980813
Chrome 49.0.2623 (Windows 7 0.0.0): Executed 0 of 0 ERROR (0.004 secs / 0 secs)
```

```
C:\Windows\system32\cmd.exe                                    [_][□][X]

O:\playground\experiment7 - Copy>npm install jasmine
npm WARN package.json experiment7@1.1.1 No repository field.
npm WARN package.json experiment7@1.1.1 No README data
jasmine@2.4.1 node_modules\jasmine
├── exit@0.1.2
└── glob@3.2.11 (inherits@2.0.1, minimatch@0.3.0)

O:\playground\experiment7 - Copy>npm install -g jasmine
C:\Users\mom\AppData\Roaming\npm\jasmine -> C:\Users\mom\AppData\Roaming\npm\nod
e_modules\jasmine\bin\jasmine.js
jasmine@2.4.1 C:\Users\mom\AppData\Roaming\npm\node_modules\jasmine
├── exit@0.1.2
├── jasmine-core@2.4.1
└── glob@3.2.11 (inherits@2.0.1, minimatch@0.3.0)

O:\playground\experiment7 - Copy>jasmine init

O:\playground\experiment7 - Copy>jasmine
Started


No specs found
Finished in 0 seconds

O:\playground\experiment7 - Copy>jasmine spec/geocode-options.js
Started
F

Failures:
1) Geocoder Options encountered a declaration exception
  Message:
    TypeError: module is not a function
  Stack:
    TypeError: module is not a function
        at Suite.<anonymous> (O:\playground\experiment7 - Copy\spec\geocode-opti
ons.js:6:14)
        at Object.<anonymous> (O:\playground\experiment7 - Copy\spec\geocode-opt
ions.js:3:1)
        at Module._compile (module.js:409:26)
        at Object.Module._extensions..js (module.js:416:10)
        at Module.load (module.js:343:32)
        at Function.Module._load (module.js:300:12)
        at Module.require (module.js:353:17)

1 spec, 1 failure
Finished in 0.016 seconds

O:\playground\experiment7 - Copy>_
```
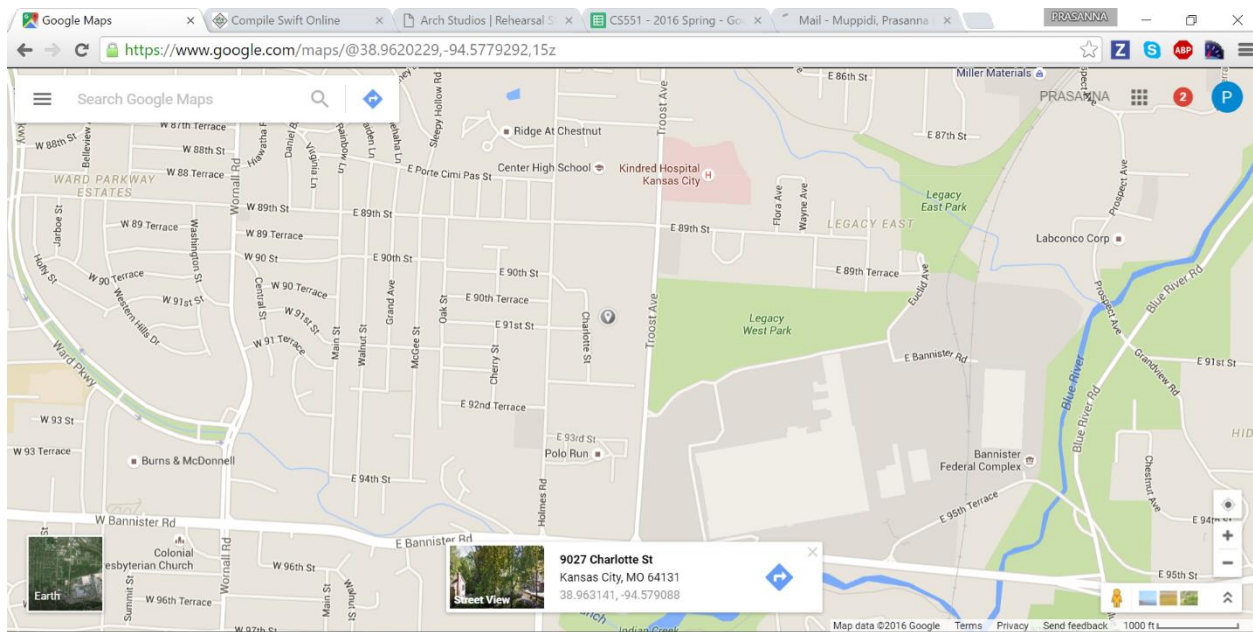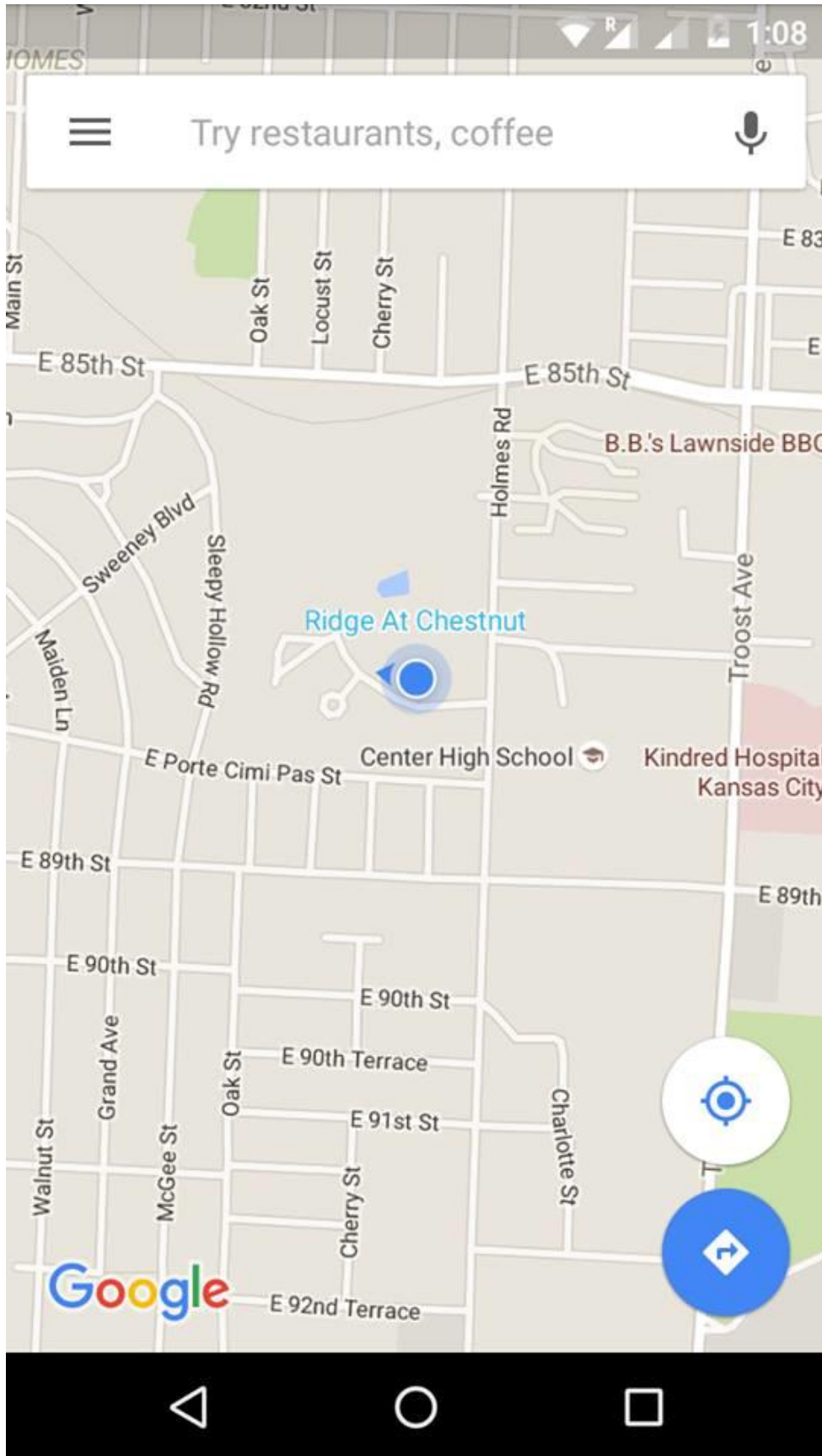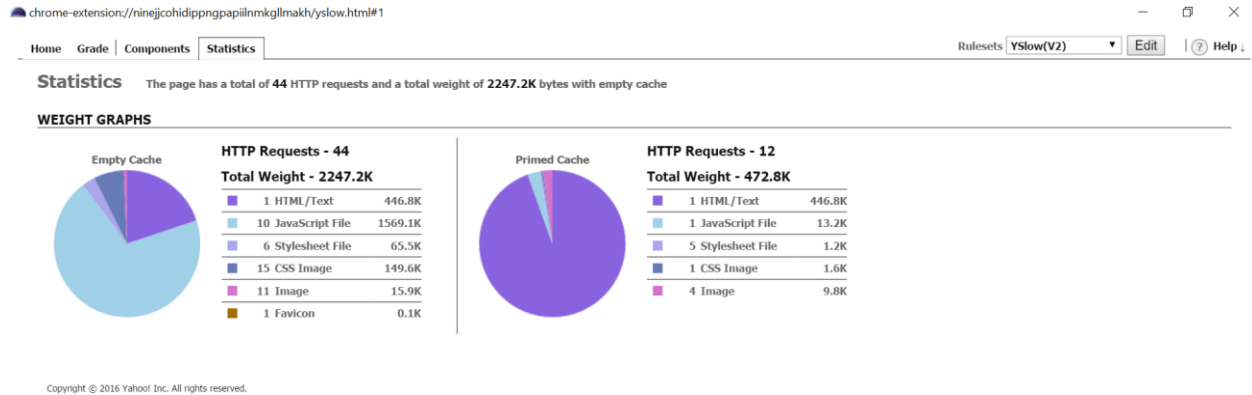
Home | Grade | Components | **Statistics**

Rulesets YSlow(V2) ▾ Edit | ⑦ Help ↓

Statistics The page has a total of **44** HTTP requests and a total weight of **2247.2K** bytes with empty cache

WEIGHT GRAPHS

Empty Cache

HTTP Requests - 44

Total Weight - 2247.2K

■	1	HTML/Text	446.8K
■	10	JavaScript File	1569.1K
■	6	Stylesheet File	65.5K
■	15	CSS Image	149.6K
■	11	Image	15.9K
■	1	Favicon	0.1K

Primed Cache

HTTP Requests - 12

Total Weight - 472.8K

■	1	HTML/Text	446.8K
■	1	JavaScript File	13.2K
■	5	Stylesheet File	1.2K
■	1	CSS Image	1.6K
■	4	Image	9.8K

Home | Grade | **Components** | Statistics

Rulesets YSlow(V2) ▾ Edit | ⑦ Help ↓

Components The page has a total of **44** components and a total weight of **2247.2K** 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)	446.8K									
⊞ js (10)	4931.5K									
⊞ css (6)	416.9K									
⊞ cssimage (15)	165.0K									
⊞ image (11)	17.7K									
⊞ favicon (1)	0.1K									

* 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 | ⑦ Help ↓

Grade C Overall performance score 78   Ruleset applied: YSlow(V2)   URL: https://docs.google.com/.../edit#gid=1595964600

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

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F Make fewer HTTP requests	
C Reduce DNS lookups	
A Avoid URL redirects	
A Make AJAX cacheable	
F Reduce the number of DOM elements	
A Avoid HTTP 404 (Not Found) error	

Grade F on Make fewer HTTP requests

This page has 8 external Javascript scripts. Try combining them into one.
This page has 3 external stylesheets. Try combining them into one.
This page has 15 external background images. Try combining them with CSS sprites.

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.

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