

Optimizations

~noFilter

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Optimization Techniques Used

- Distributed memory caching system: memcached
- HTML5 application cache
- JavaScript and CSS minification
- Moving scripts to bottom of html
- Expiry

Tools Used to Test Performance

- Distributed memory caching system: memcached

Improved Performance Aspects

- Tested with 28 instances of the same picture
- Initially, page loads in ~600ms
- After implementing memcached, page loads in ~560ms
- Minified business-casual.css with <http://cssminifier.com/>
- File is too small to make a difference in download time, but we know minifying future .css and .js and is the a best-practice technique
- Moving JavaScript files to bottom makes it ~300ms
- Keeping the css and js files in the app cache makes it ~260ms

- HTML page expires after a long time so the higher speeds from the cache will result in prolonged caching

Improved Performance Aspects

- No s3/CDN yet
- We are using a minimum viable product so it still needs to be scaled up