

LAB 9 Report Cordova Plugin in Ionic

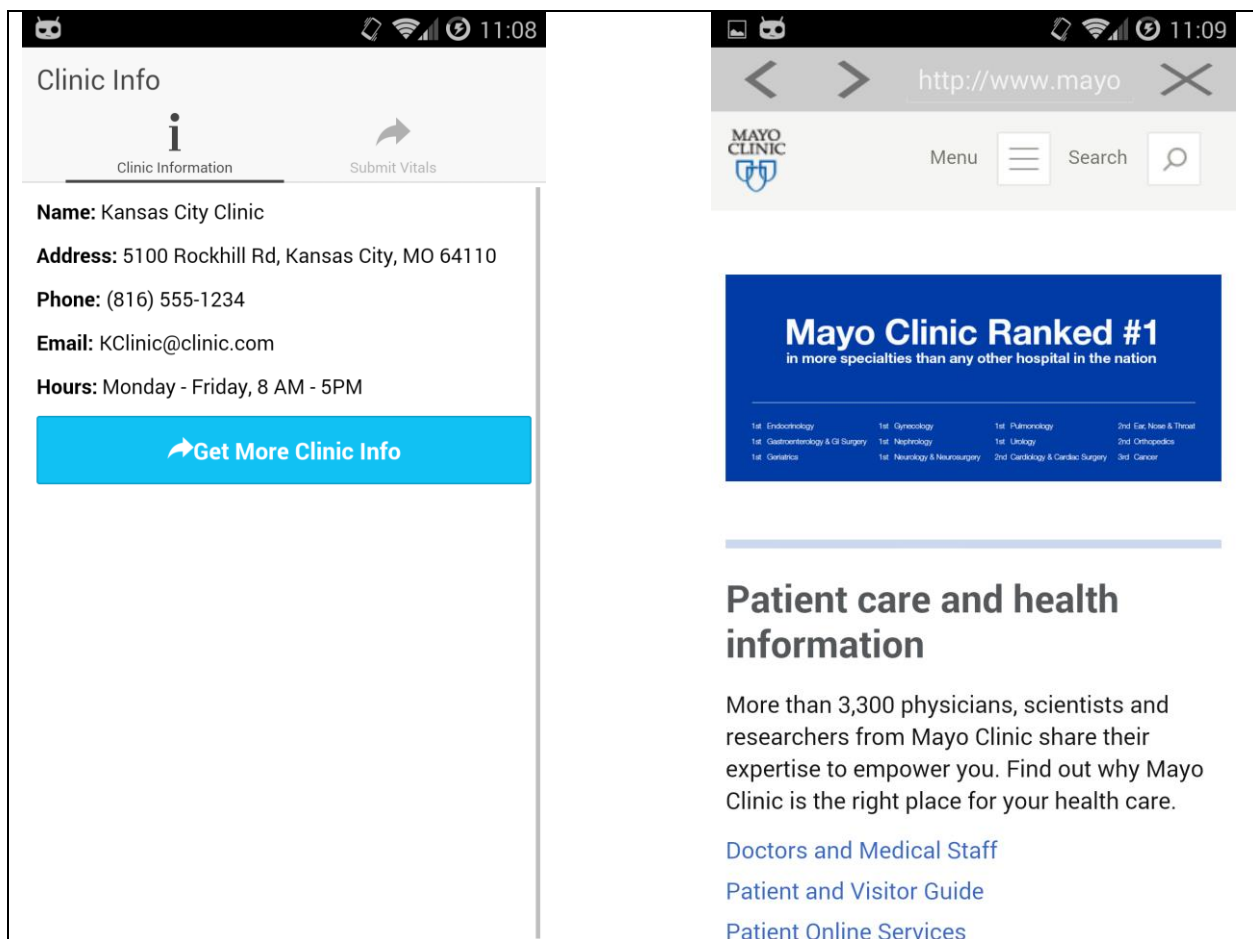
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For the Lab 9 assignment I improved my implementation from lab 8 by adding a button that a user can click to get more information about the clinic than what is presented on the initial page. This opens an in app browser that can be programmed to take the user to whatever link is coded. In this case I take the user to the Mayo Clinic's website as an example.

Cordova Plugin Used: [cordova-plugin-inappbrowser](#)

Also included are the results from the Yslow tests, which show many areas that are needed for performance improvements.

The images below show the in app-browser feature deployed on Android Phone.



The images below show the results of the Yslow performance test.

The screenshot shows a web browser with multiple tabs. The active tab displays a page titled "Clinic Info". The page content includes:

- Name: Kansas City Clinic
- Address: 5100 Rockhill Rd, Kansas City, MO 64110
- Phone: (816) 555-1234
- Email: KClinic@clinic.com
- Hours: Monday - Friday, 8 AM - 5 PM

Below the clinic information is a blue button labeled "Get More Clinic Info".

Overlaid on the bottom of the browser window is the Yslow performance test results for "page3". The overall performance score is 79. The test results are categorized by grade:

- Grade B: Make fewer HTTP requests**
 - F Use a Content Delivery Network (CDN)
 - A Avoid empty src or href
 - F Add Expires headers
 - F Compress components with gzip
 - A Put CSS at top
 - D Put JavaScript at bottom
 - A Avoid CSS expressions
- Grade C: Make fewer JavaScript and CSS external**
 - A Reduce DNS lookups
 - A 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

The Yslow interface also includes a "Read Here" link and a "Share" button.

The screenshot shows a web browser with multiple tabs. The active tab displays a page titled "Submit Vitals". The page content includes:

- Blood Pressure: 120/80
- Blood Sugar: 90

Below the vitals input fields is a blue button labeled "Submit".

Overlaid on the bottom of the browser window is the Yslow performance test results for "page4". The overall performance score is 79. The test results are categorized by grade:

- Grade B: Make fewer HTTP requests**
 - F Use a Content Delivery Network (CDN)
 - A Avoid empty src or href
 - F Add Expires headers
 - F Compress components with gzip
 - A Put CSS at top
 - D Put JavaScript at bottom
 - A Avoid CSS expressions
- Grade C: Make fewer JavaScript and CSS external**
 - A Reduce DNS lookups
 - A 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

The Yslow interface also includes a "Read Here" link and a "Share" button.