

## LAB ASSIGNMENT - 9

-> The cordova plugin that is used in this app is “Facebook Sign” option

-> As an extension to the Lab 8, a login page with only Facebook sign in option is given





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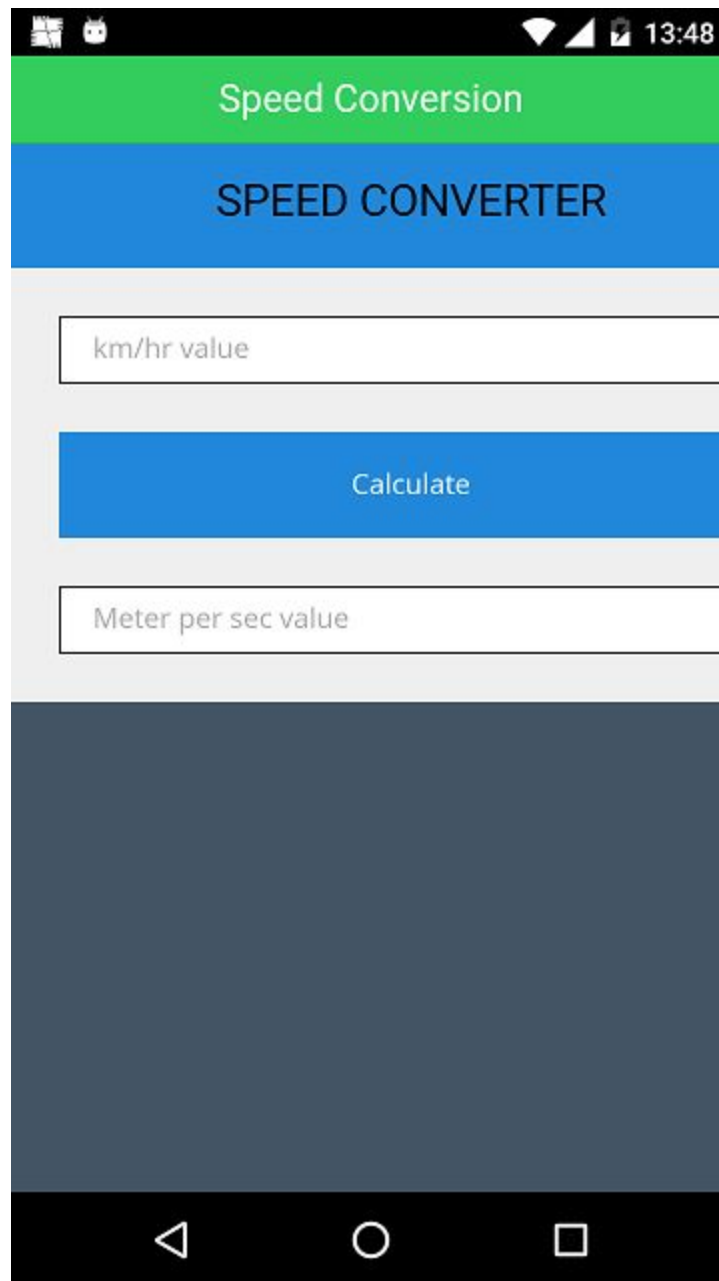
[LOG IN](#)

[Create New Facebook Account](#)

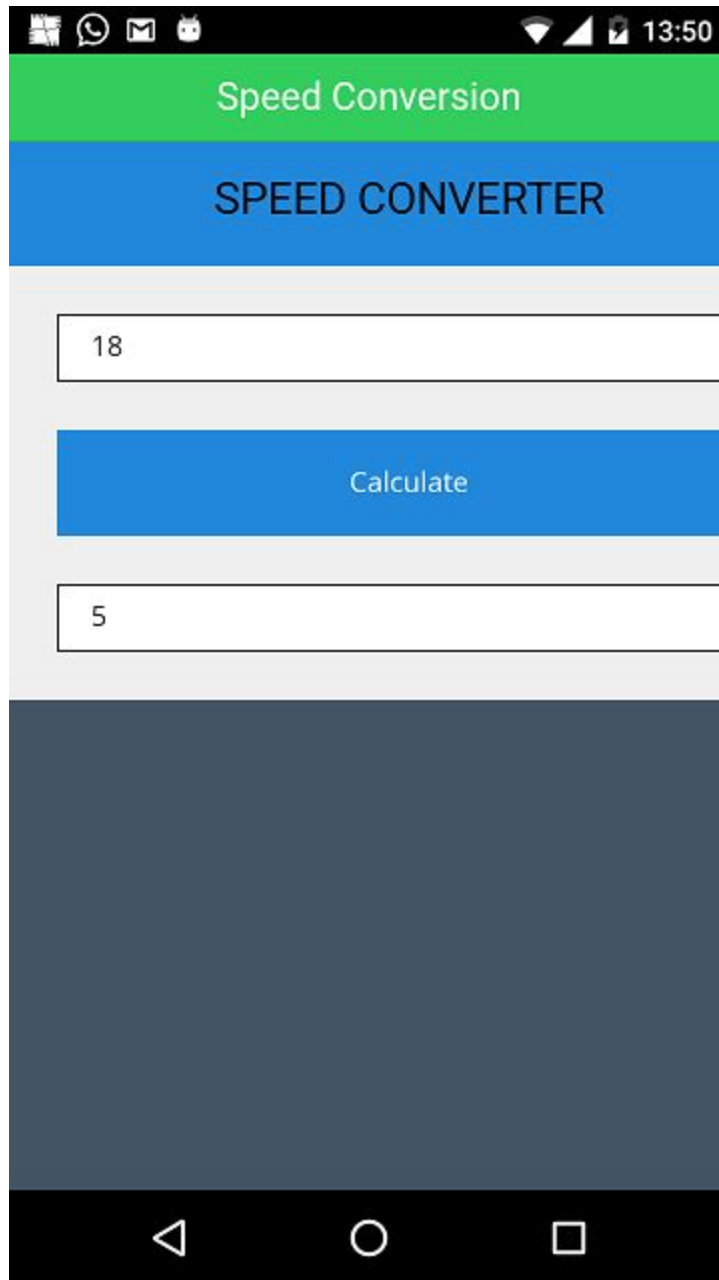
[Forgot Password?](#)



-> After the authentication, the app redirects to the home page where it asks for the conversion of the speed value



The screenshot shows the home page of a 'Speed Conversion' app. The interface features a green header bar with the text 'Speed Conversion' and a blue bar below it with 'SPEED CONVERTER'. There are two input fields: the top one is labeled 'km/hr value' and the bottom one is labeled 'Meter per sec value'. A blue 'Calculate' button is positioned between the two input fields. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons. The status bar at the very top displays the time as 13:48 and various system icons.



-> The YSlow performance analysis for index page which contains facebook sign in

chrome-extension://ninejcohidipngpapiilmkgilimakh/yslow.html#1

Home | Grade | Components | Statistics

Rulesets: YSlow(V2) | Edit | Help

**Grade B** Overall performance score 84 Ruleset applied: YSlow(V2) URL: http://localhost:8100/

ALL(23) FILTER BY: CONTENT(6) | COOKIE(2) | CSS(10) | IMAGES(2) | JAVASCRIPT(4) | SERVER(6)

**A 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**

**B Put JavaScript at bottom**

**A Avoid CSS expressions**

**n/a Make JavaScript and CSS external**

**A Reduce DNS lookups**

**A Minify JavaScript and CSS**

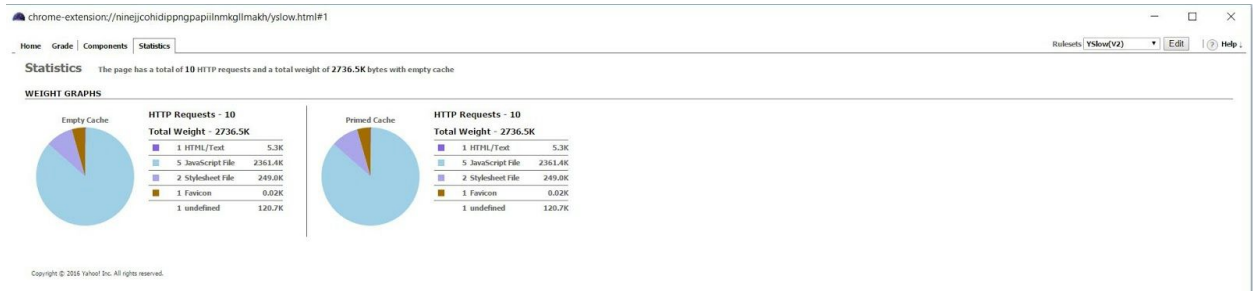
**Grade A on Make fewer HTTP requests**

This page has 5 external JavaScript scripts. Try combining them into one.

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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-> The YSlow performance analysis for Home page

