

# ASE CS 5551 Lab Assignment 9

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Class ID: 43

Application Name: demorestionic

Purpose:

This application is continuation of previous assignment in which application is developed using IONIC framework.

In this assignment, **cordova InAppBrowser** which implements browser in the application.

The application helps user to find the recipe of food and also places in the city where user can buy that food. User can open recipe link and restaurant website in the application it self.

Here is the screenshot of web application.

## 1. Login Page:

127.0.0.1:56081/www/index.html#/login

Login

example@mail.com

Password

Log in

Or create an account

## 2. SignUp Page:

127.0.0.1:56081/www/index.html#/signup

Signup

Name

example@mail.com

Password

Confirm Password

Sign up

127.0.0.1:56081/www/index.html#/login

Elements Console Sources Network Timeline Profiles Resources Security Audits

```
<!DOCTYPE html>
<html>
<head>
</head>
<body ng-app="app" animation="slide-left-right-ios7" class="grade-a platform-browser platform-win32 platform-ready">
<div>...</div>
<div class="click-block click-block-hide"></div>
</body>
</html>
```

html body.grade-a.platform-browser.platform-win32.platform-ready

Styles Computed Event Listeners

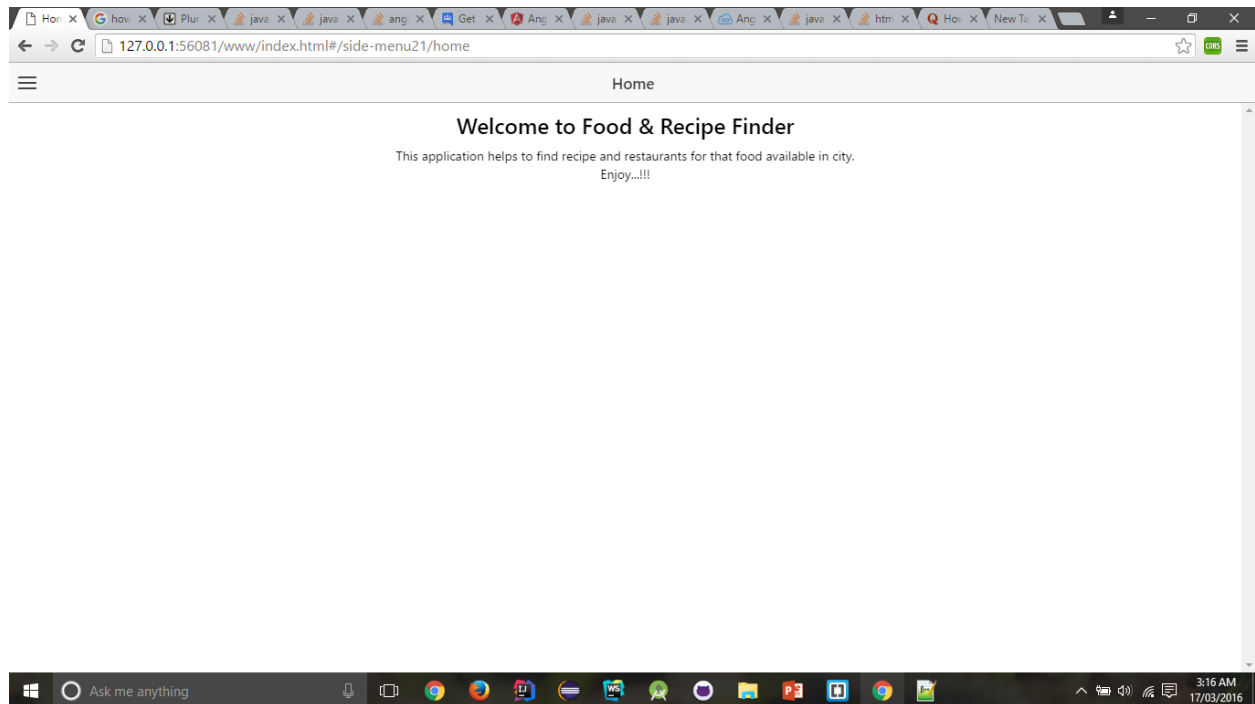
Filter +, .cls

element.style { }

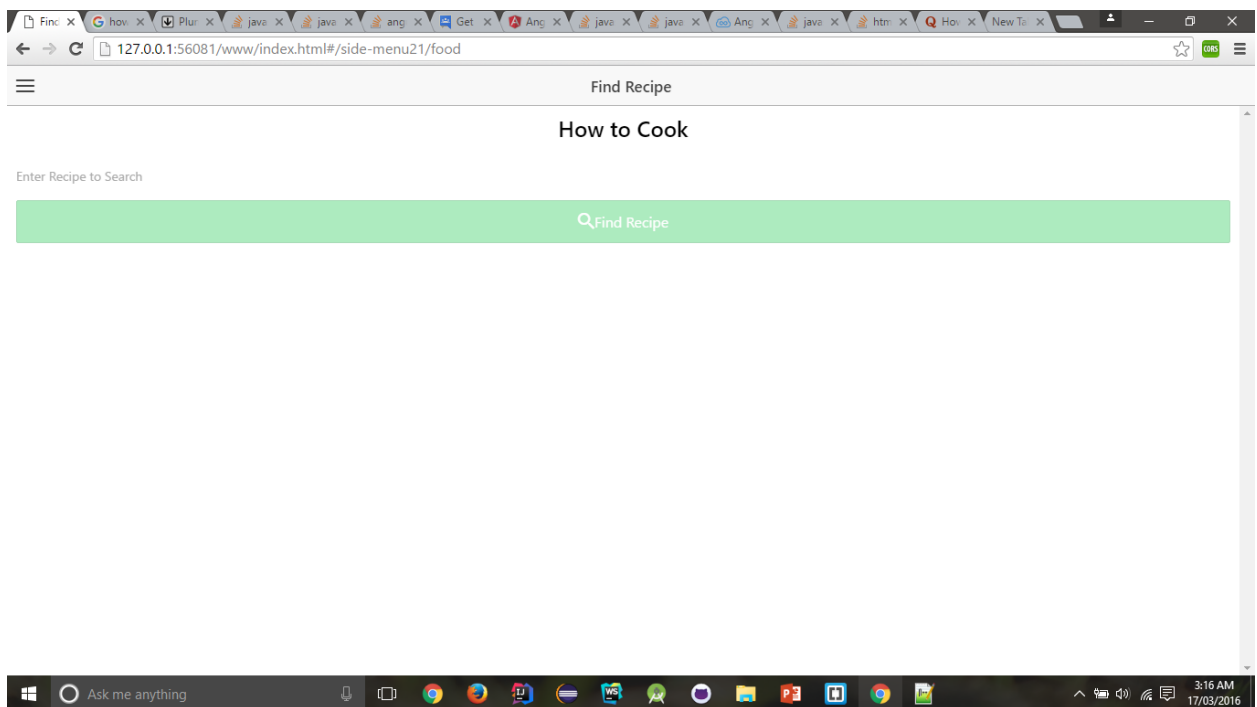
body, .ionic-body { ionic.css:3313

- webkit-touch-callout: none;
- webkit-font-smoothing: antialiased;
- font-smoothing: antialiased;

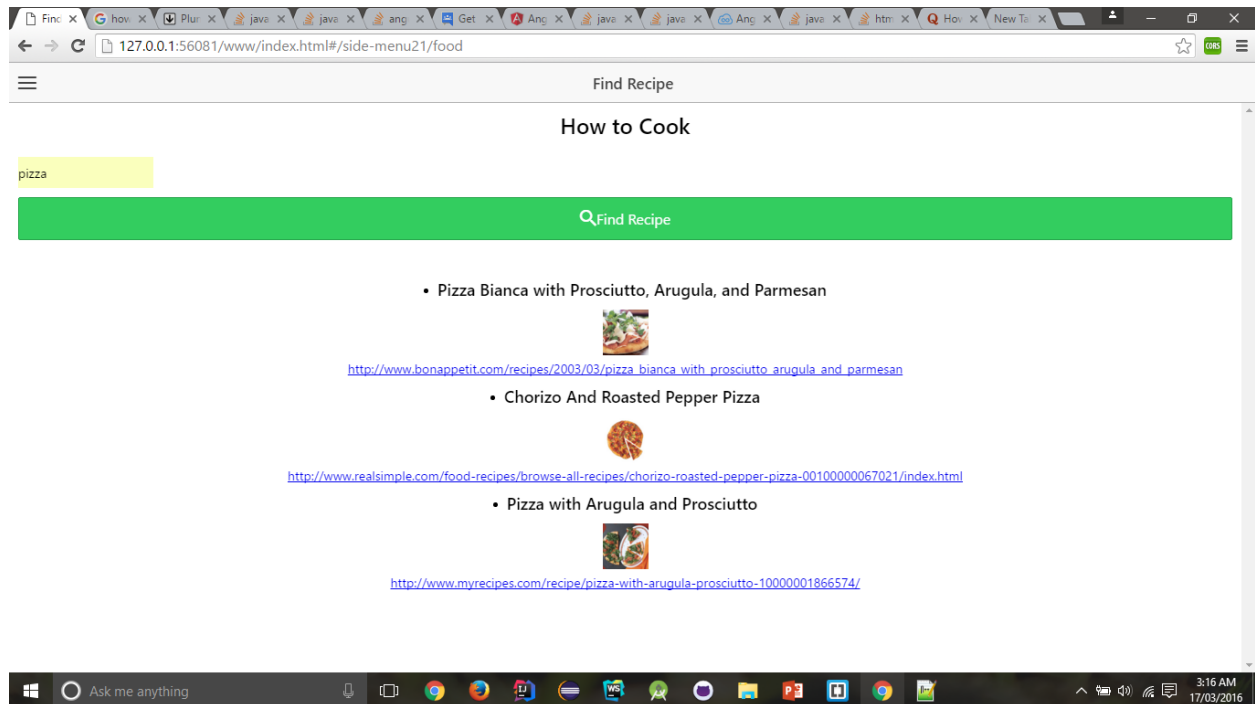
### 3. Home Page:



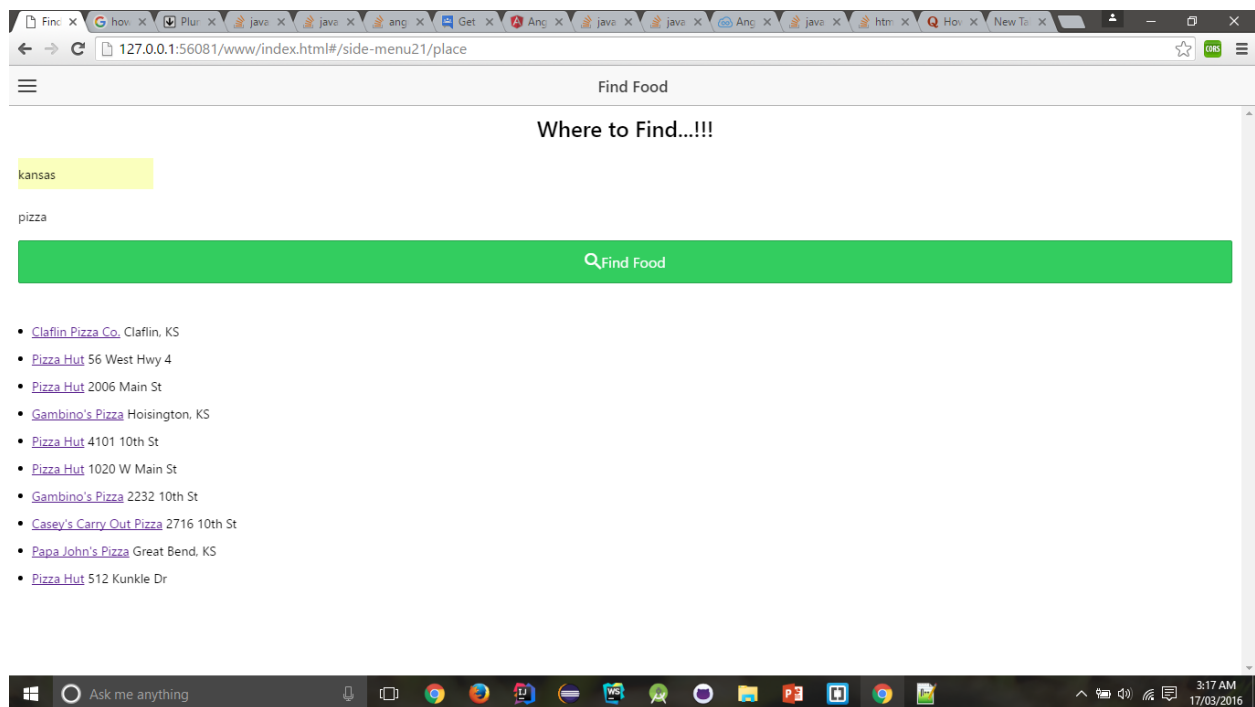
### 4. Find Recipe Screen:



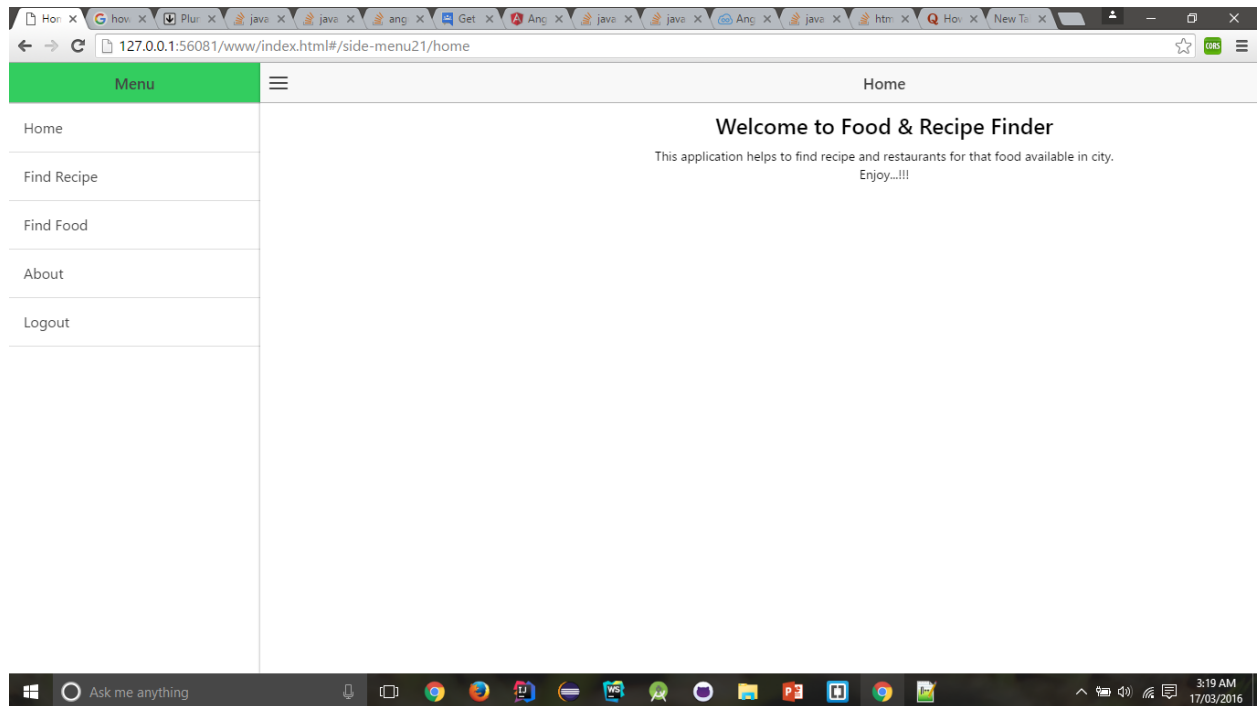
## 5. Find Recipe Screen after Result:



## 6. Find Food Screen:

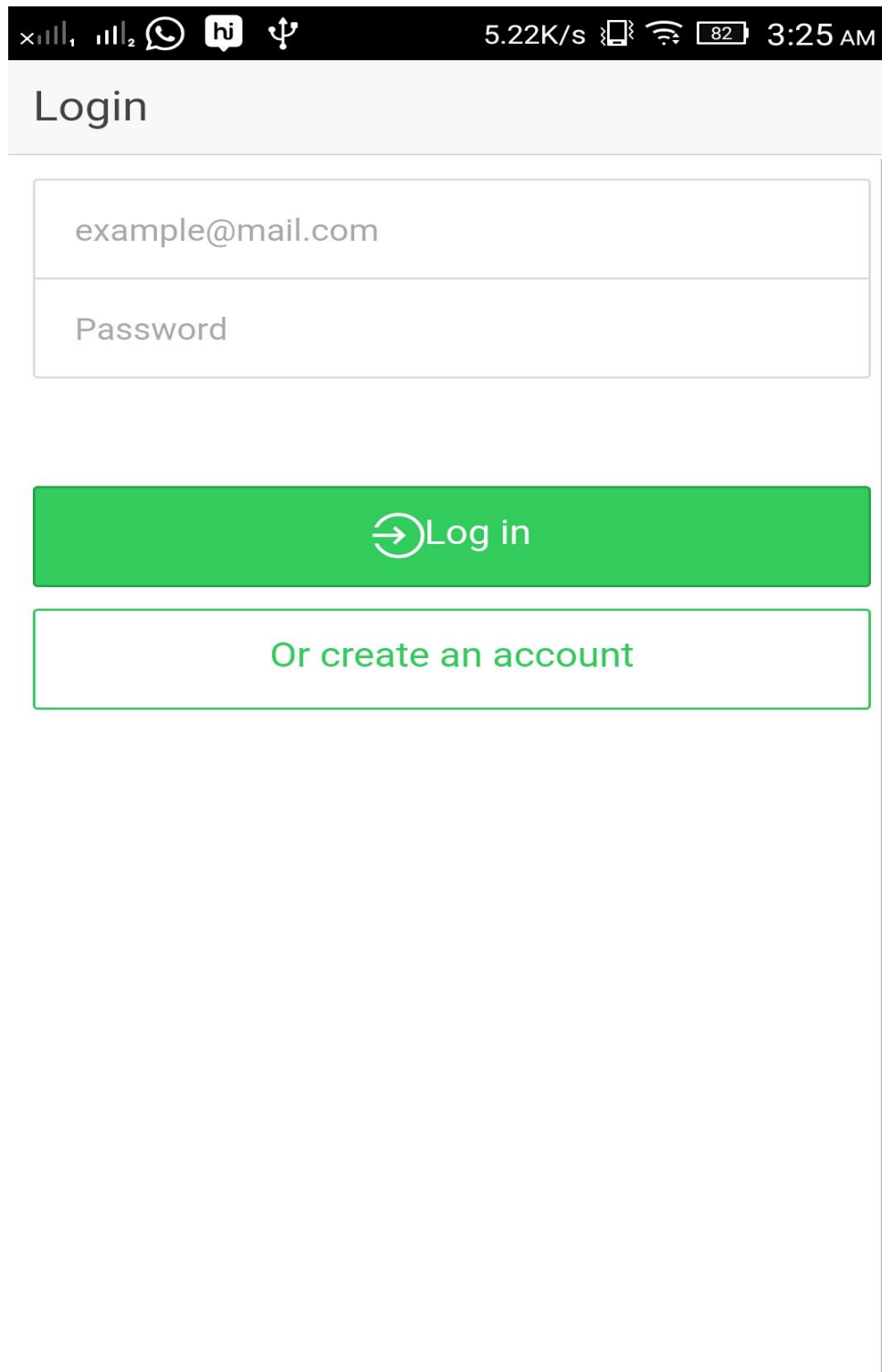


## 7. Sliding Menu Bar :



## • Screenshots for Android Application

### 1. Login Screen Mobile :



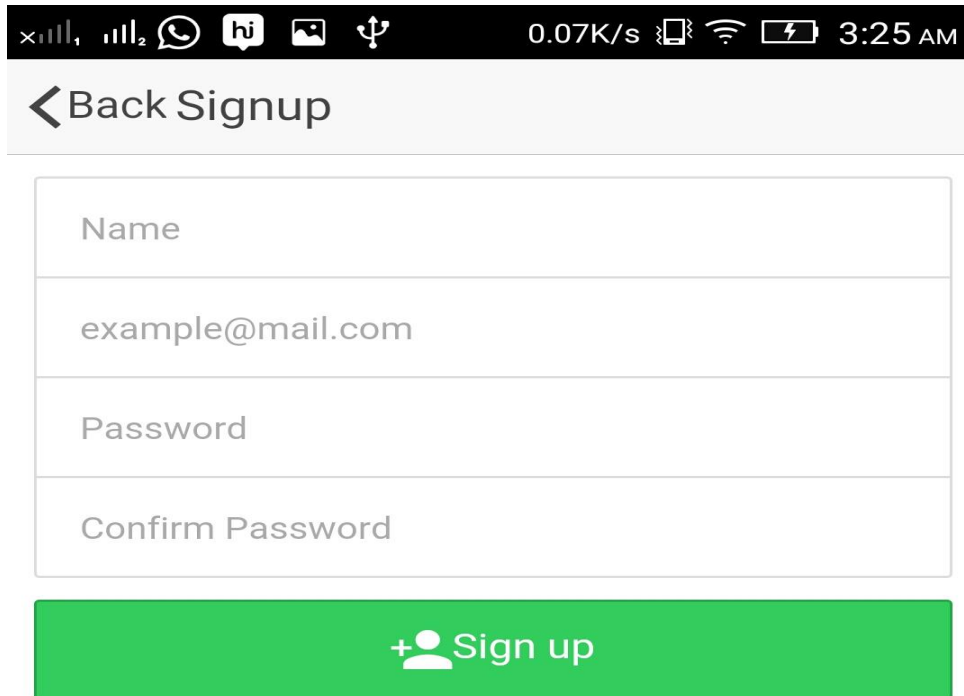
example@mail.com

Password

→ Log in

[Or create an account](#)

## 2. Signup Screen Mobile:



A mobile app signup screen mockup. At the top is a black status bar with white icons for cellular signal, Wi-Fi, battery, and time (3:25 AM). Below the status bar is a light gray header bar with a back arrow and the text "Back Signup". The main content area is a white form with four input fields: "Name", "example@mail.com", "Password", and "Confirm Password". At the bottom is a green button with a white plus icon and the text "Sign up".

0.07K/s 3:25 AM

< Back Signup

Name

example@mail.com

Password

Confirm Password

+ Sign up

### 3. Home Screen Mobile





4. Find Food Screen Mobile :



The image shows a mobile application interface for finding recipes. At the top is a black status bar with various icons and the time 3:26 AM. Below this is a white header bar with a hamburger menu icon and the text "Find Recipe". The main content area has a large heading "How to Cook" and a search prompt "Enter Recipe to Search". A green button with a magnifying glass icon and the text "Find Recipe" is positioned below the search prompt. A vertical grey line is visible on the right side of the screen.

0.35K/s 82 3:26 AM

Find Recipe

## How to Cook

Enter Recipe to Search

Find Recipe

5. Find Recipe after Result :



- Aromatic Rices



[http://www.delish.com/recipefinder/aromatic-rices-1456?click=recipe\\_sr](http://www.delish.com/recipefinder/aromatic-rices-1456?click=recipe_sr)

- Sushi Rice



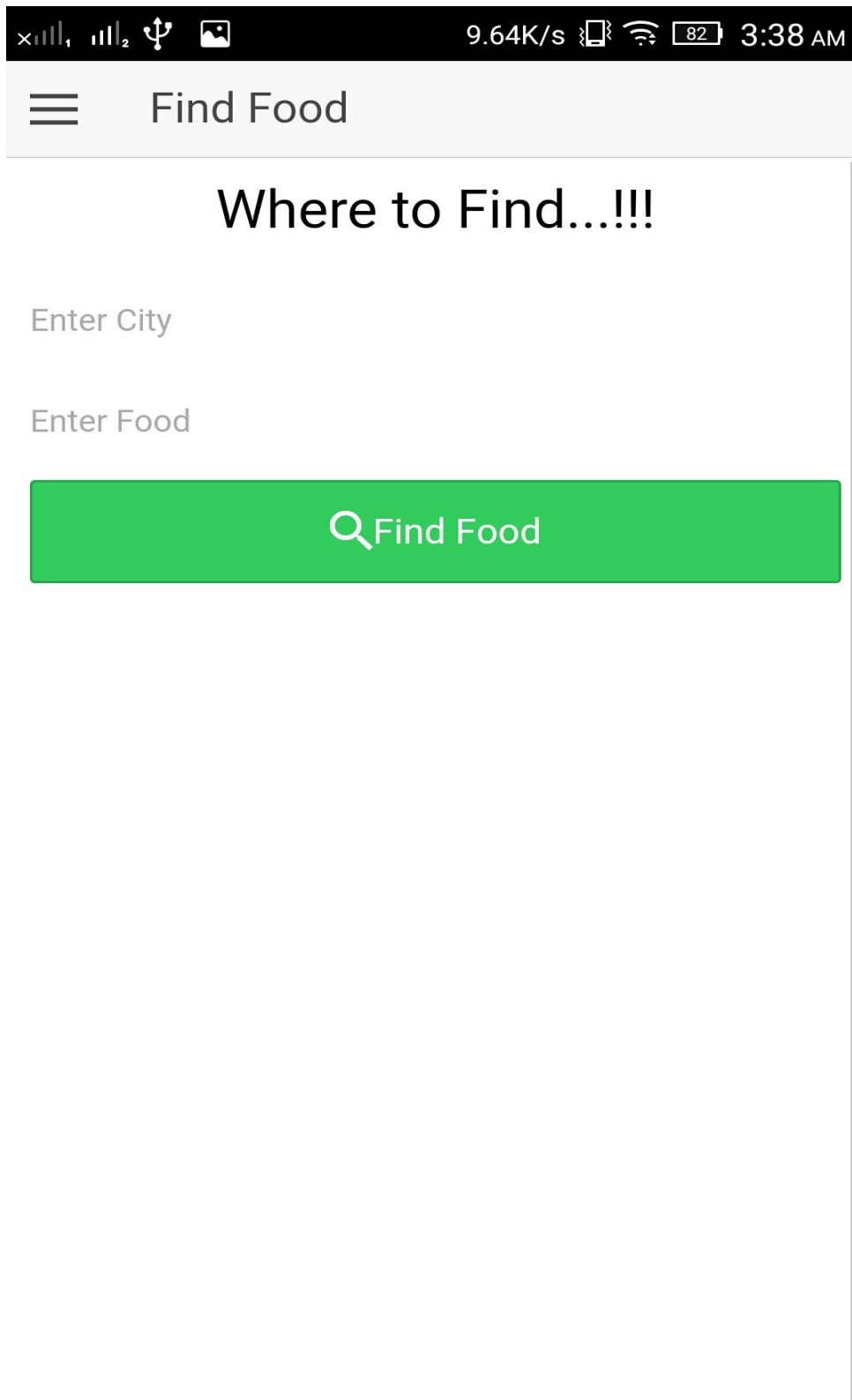
<http://norecipes.com/blog/sushi-rice-recipe/>

- Perfect Sushi Rice



<http://thepioneerwoman.com/cooking/2009/01/perfect-sushi-rice/>

6. Find Food :



The screenshot shows a mobile application interface. At the top is a black status bar with various icons and the time 3:38 AM. Below this is a light gray header bar with a hamburger menu icon and the text "Find Food". The main content area has a large heading "Where to Find...!!!". Below the heading are two text input fields labeled "Enter City" and "Enter Food". At the bottom is a large green button with a magnifying glass icon and the text "Find Food".

9.64K/s 82 3:38 AM

Find Food

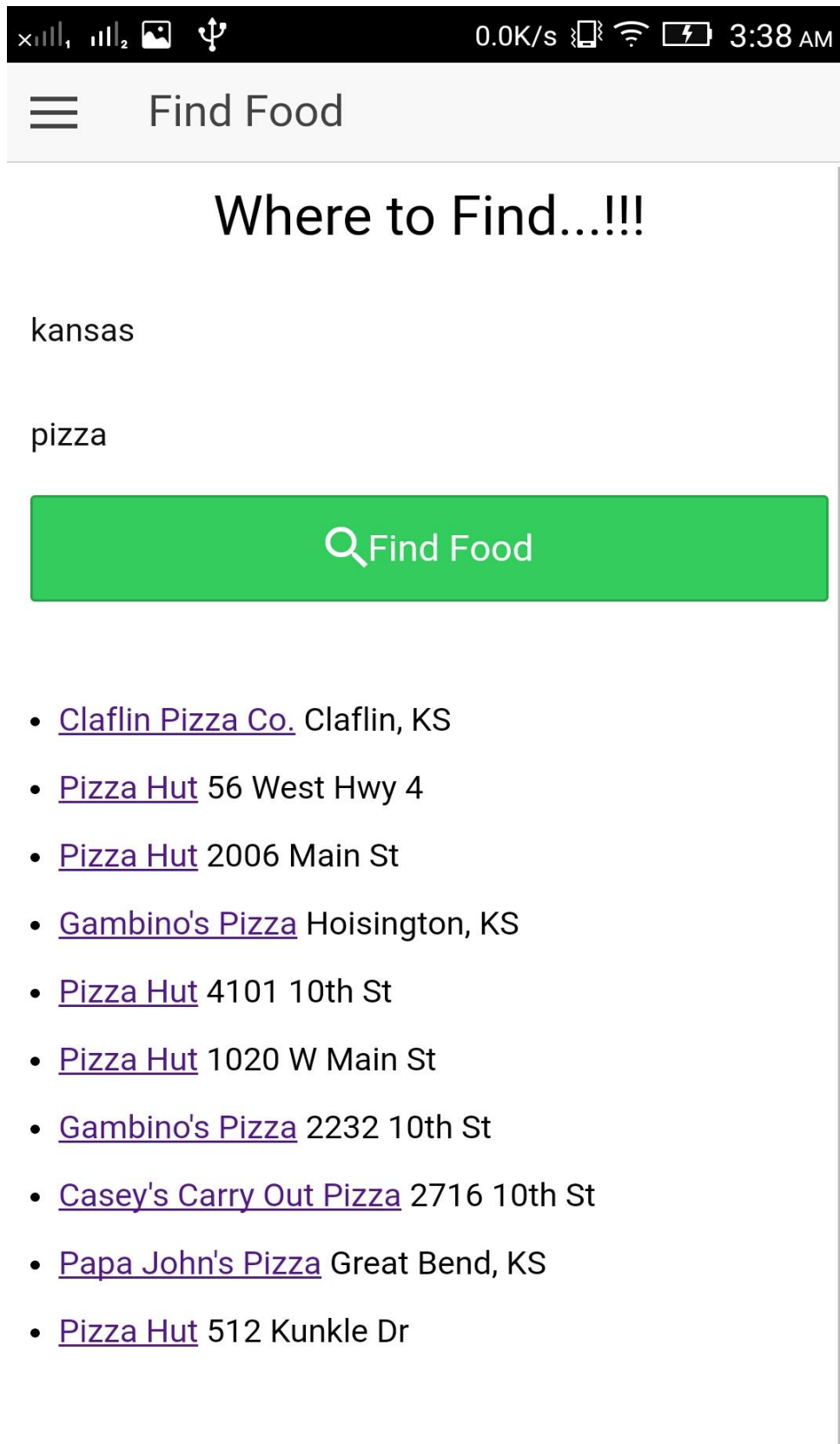
## Where to Find...!!!

Enter City

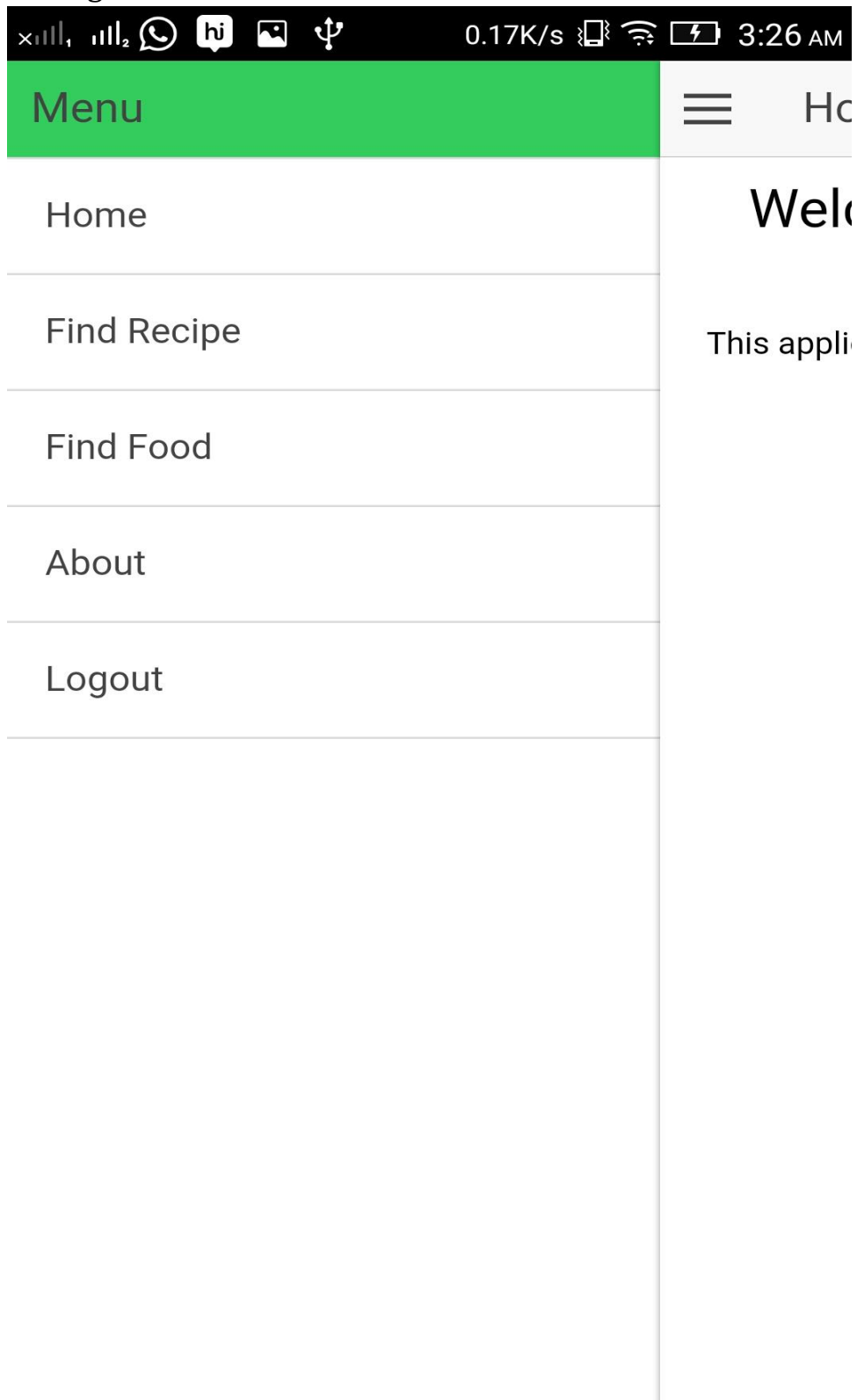
Enter Food

Find Food

7. Find Food after Result :



## 8. Sliding Menu :



9. In App Browser when user click on the link:

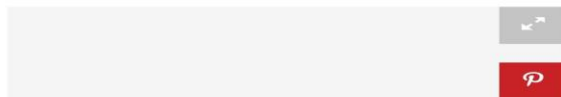


DEC 4, 2006

MEALS & COOKING

## Aromatic Rices

DEC 4, 2006



Follow these basic directions to cook up fluffy rice, then add the desired flavoring for one of the options below.

TOTAL TIME: 0:25

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## 10. Y-Slow Performance Test

The image shows a web browser window with multiple tabs. The active tab is 'localhost:8100/#/login'. The page displays a login form with fields for 'example@mail.com' and 'Password', a green 'Log in' button, and a link 'Or create an account'. Overlaid on this is a chrome-extension window for 'YSlow(V2)'. The YSlow window has a navigation bar with 'Home', 'Grade', 'Components', and 'Statistics'. The main content area is titled 'Grade your web pages with YSlow' and lists features: 'Grade based on the performance of the page', 'Summary of the page components', and 'Chart with statistics'. A 'Run Test' button is visible. Below the YSlow window, the browser window is shown again, but the YSlow window is now in the foreground, displaying 'Finding components in the page:' and 'Getting component information:' sections, each with a progress bar. The YSlow window also shows 'Checking post onload components' and a copyright notice for Yahoo! Inc. The browser's taskbar at the bottom shows the time as 1:47 AM on 24/03/2016.

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

Home Grade Components Statistics Rulesets YSlow(V2) Edit Help

Grade Overall performance score 77 Ruleset applied: YSlow(V2) URL: http://localhost:8100/#/login

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

**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**

**A Put JavaScript at bottom**

**A Avoid CSS expressions**

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

**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**

Grade B on Make fewer HTTP requests

This page has 8 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.

[Read More](#)

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Ask me anything

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

Home Grade Components Statistics Rulesets YSlow(V2) Edit Help

**Statistics** The page has a total of 12 HTTP requests and a total weight of 2456.8K bytes with empty cache

**WEIGHT GRAPHS**

**Empty Cache**

**HTTP Requests - 12**

**Total Weight - 2456.8K**

1 HTML/Text	2.3K
8 JavaScript File	2110.2K
1 Stylesheet File	223.5K
1 Favicon	0.02K
1 undefined	120.7K

**Primed Cache**

**HTTP Requests - 12**

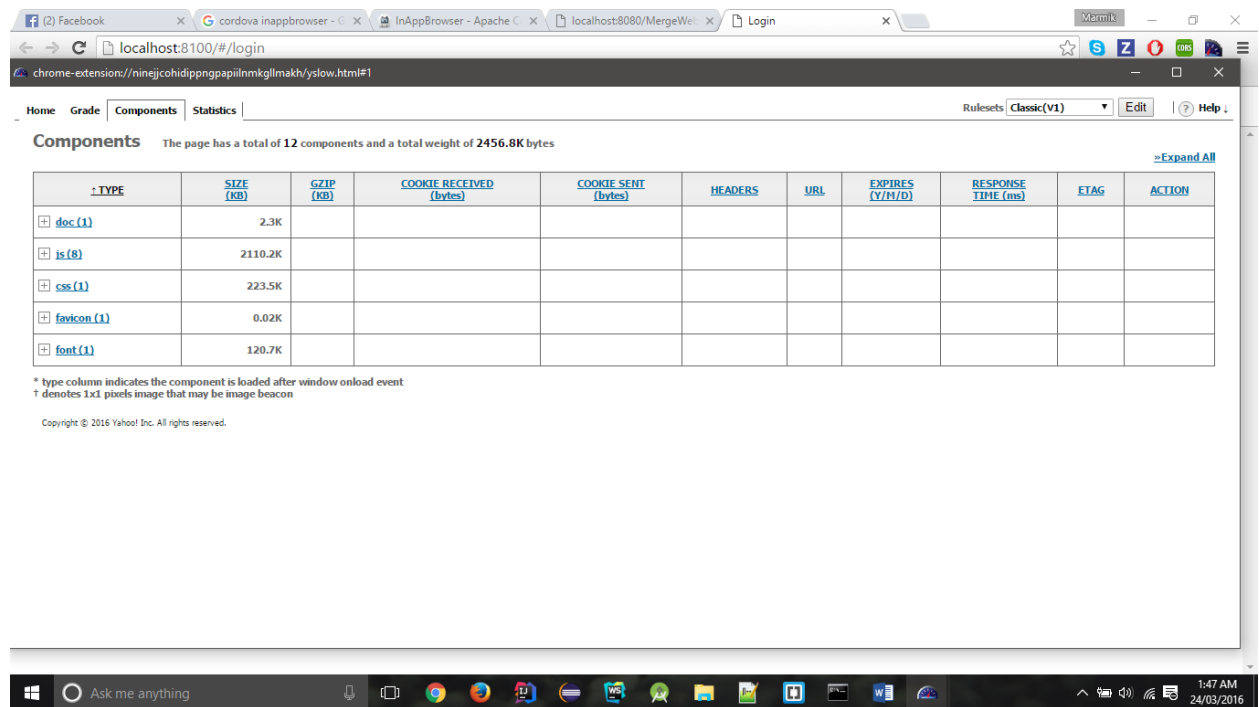
**Total Weight - 39.1K**

1 HTML/Text	2.3K
8 JavaScript File	36.8K
1 Stylesheet File	0.0K
1 Favicon	0.02K
1 undefined	0.0K

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Ask me anything





The screenshot shows a web browser window with multiple tabs. The active tab is 'localhost:8100/#/login'. Below the browser window, the 'Components' tab of a Chrome extension is open. It displays a table of components loaded on the page. The table has columns for TYPE, SIZE (KB), GZIP (KB), COOKIE RECEIVED (bytes), COOKIE SENT (bytes), HEADERS, URL, EXPIRES (Y/M/D), RESPONSE TIME (ms), ETAG, and ACTION. The table lists 12 components, including doc, js, css, favicon, and font. The total weight of the components is 2456.8K bytes.

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 (8)	2110.2K									
css (1)	223.5K									
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

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## References:

- Class Tutorial
- <http://odetocode.com/blogs/scott/archive/2013/06/11/angular-js-tests-with-an-http-mock.aspx>
- [https://docs.angularjs.org/api/ngMock/service/\\$httpBackend](https://docs.angularjs.org/api/ngMock/service/$httpBackend)
- <http://stackoverflow.com/questions/5785610/how-to-put-multiple-query-parameter-in-rest-web-service>
- <http://stackoverflow.com/questions/21879151/calling-web-service-from-android-device>
- <http://stackoverflow.com/questions/22347938/karma-ignores-angular-http-get-request>
- <http://jsfiddle.net/danielcsgomes/cAMc6/1/>
- <https://creator.ionic.io/app/dashboard/projects>
- <https://www.npmjs.com/package/cordova-plugin-inappbrowser>
- <http://ngcordova.com/docs/plugins/inAppBrowser/>
- <http://stackoverflow.com/questions/34150840/inappbrowser-passing-a-callback-function>
- <http://stackoverflow.com/questions/31497543/how-do-i-open-inappbrowser-using-angular-js>

- <http://stackoverflow.com/questions/34150840/inappbrowser-passing-a-callback-function/35601054>
- <https://cordova.apache.org/docs/en/3.0.0/cordova/inappbrowser/inappbrowser.html#supported-platforms>
- <http://stackoverflow.com/questions/28766082/cordova-inappbrowser-plugin-issue-in-ios-and-blackberry>