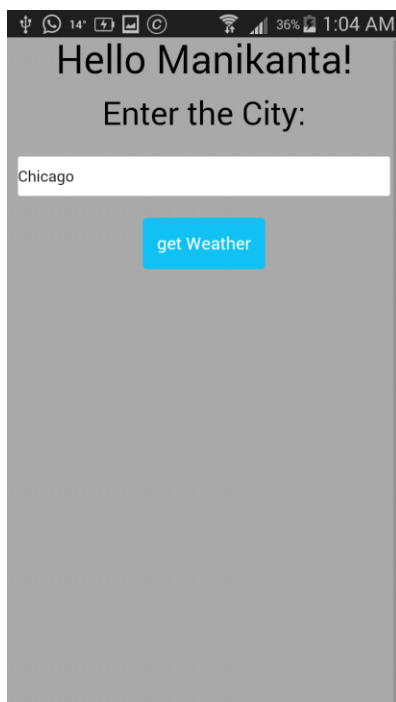
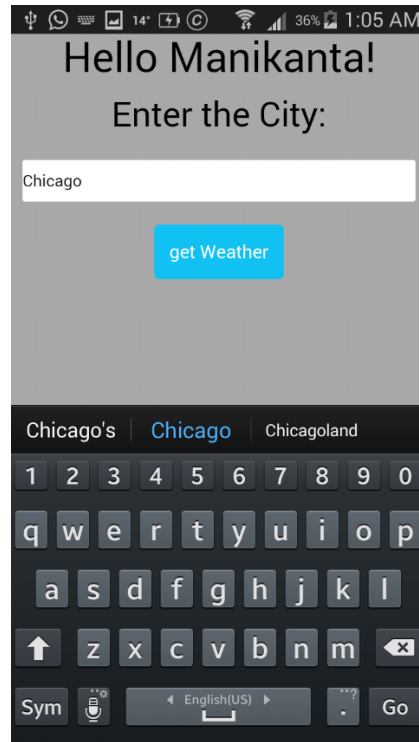
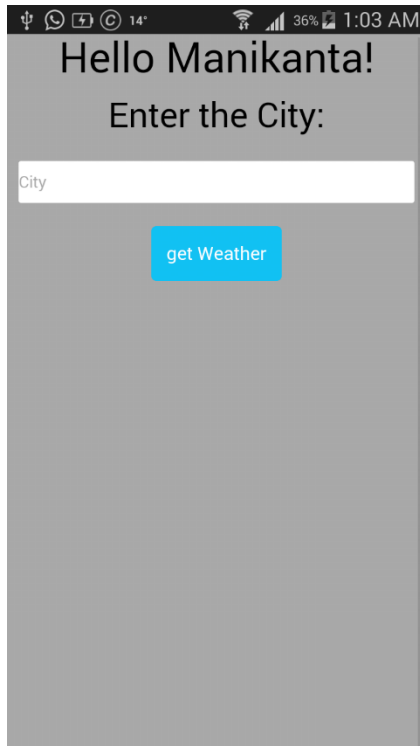


Assignment Lab 9

Integrating a plugin from cordova to app created in lab 8.

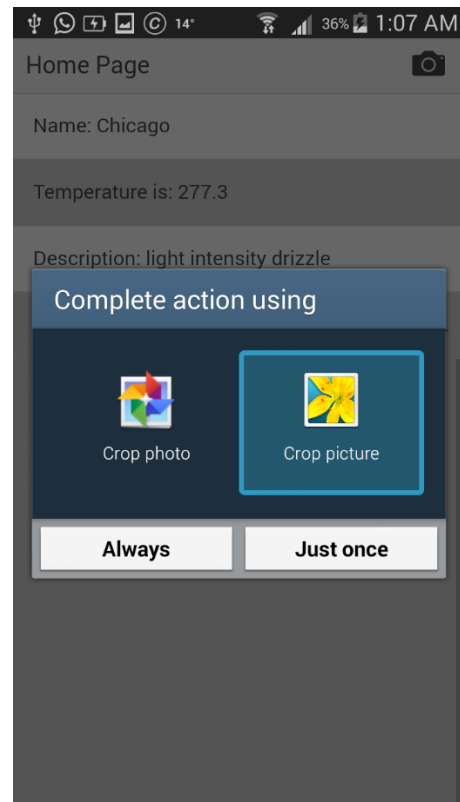
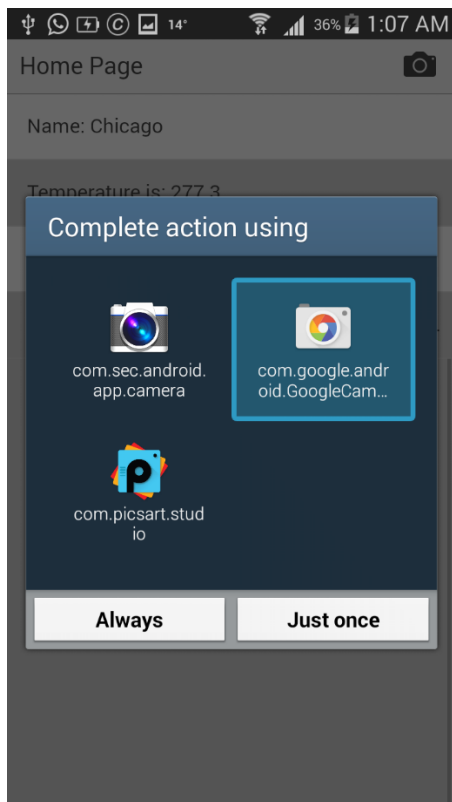
First Screen:

User has an option to enter the city name to get weather data.

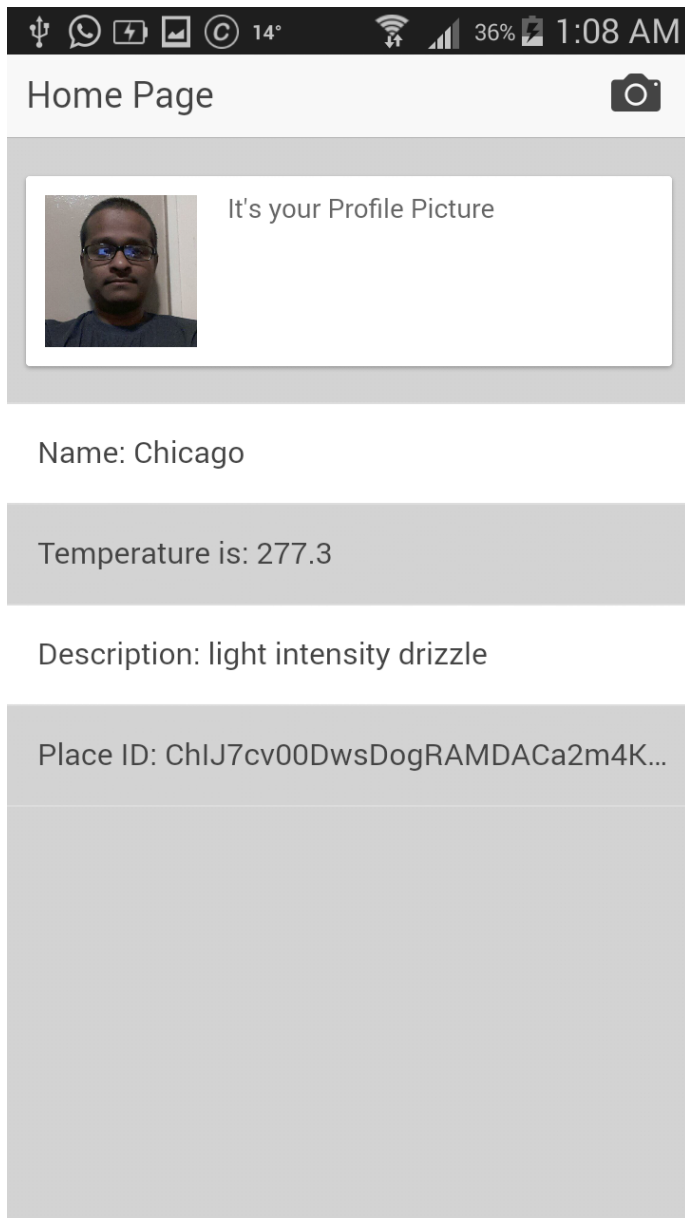


After pressing get wehater data button, user will option to update profile picture:

Home screen:



Output Screenshot:



Performance test is done using YSlow plugin. It gave very useful information.

First html:

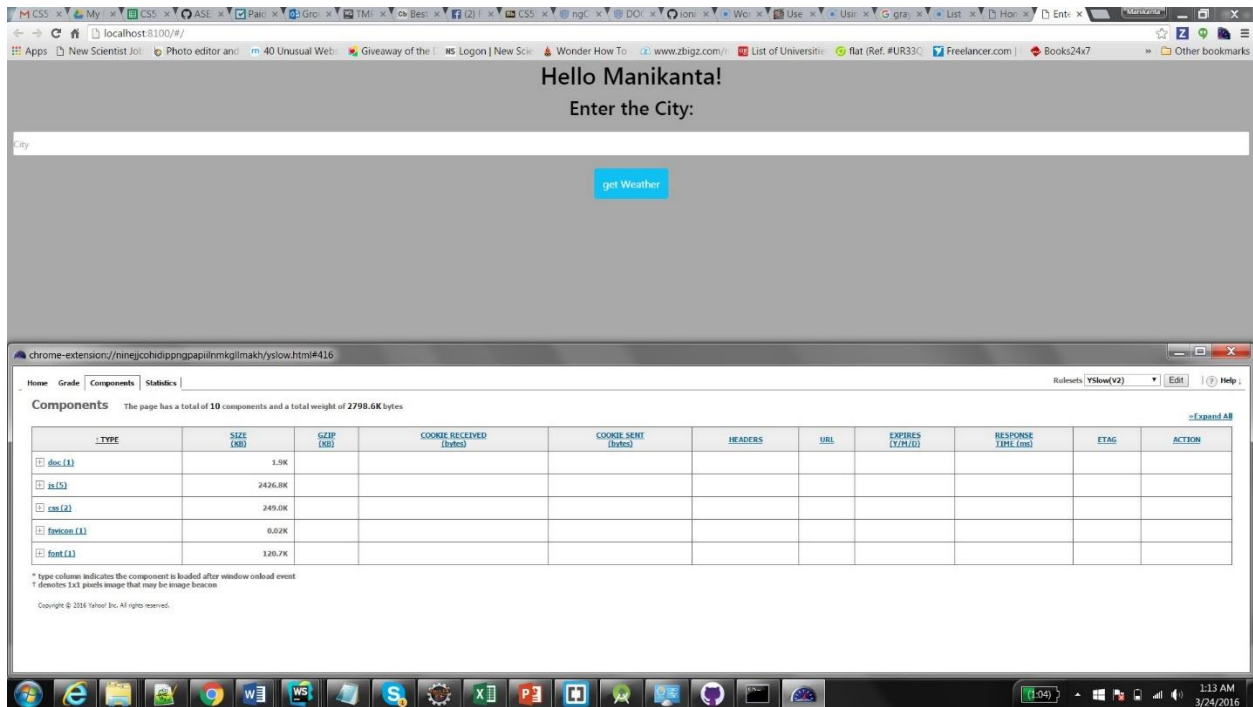
The screenshot shows a web browser with the URL `localhost:8100/#/`. The page content includes the text "Hello Manikanta!" and "Enter the City:" followed by a text input field and a "get Weather" button. The YSlow extension window is open, displaying the following information:

- Grade: B
- Overall performance score: 82
- Ruleset applied: YSlow(V2)
- URL: `http://localhost:8100/#/`
- Filter by: CONTENT (6), COOKIE (2), CSS (6), IMAGES (2), JAVASCRIPT (4), SERVER (6)
- Recommendations (12 items):
 - 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
 - B: Minify JavaScript and CSS
 - A: Avoid URL redirects
 - A: Remove duplicate JavaScript and CSS

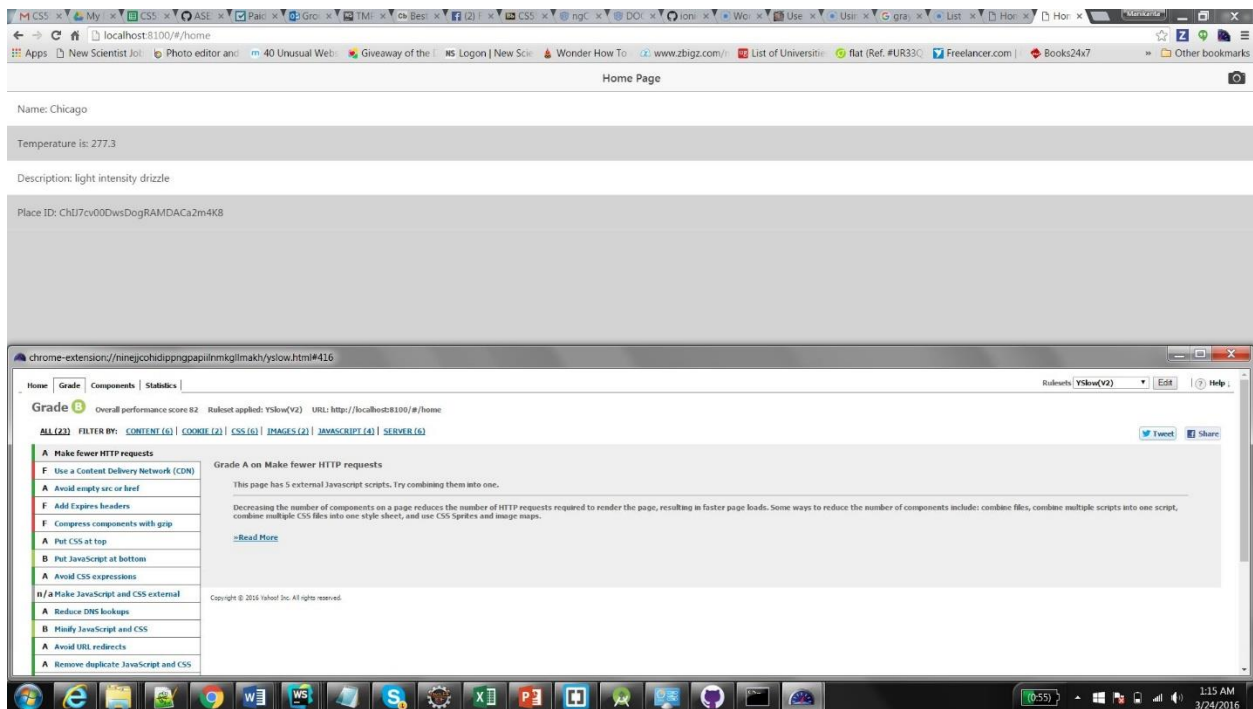
The screenshot shows the same web browser with the YSlow extension window open, displaying the 'Statistics' tab. The page content remains the same. The extension window shows the following statistics:

- Statistics: The page has a total of 10 HTTP requests and a total weight of 2798.6K bytes with empty cache.
- WEIGHT GRAPHS:
 - Empty Cache:** Total Weight - 2798.6K. HTTP Requests - 10. The pie chart shows a large portion for HTML/Text and a smaller portion for JavaScript File.
 - Priviled Cache:** Total Weight - 39.0K. HTTP Requests - 10. The pie chart shows a very small portion for HTML/Text and a very small portion for JavaScript File.
- Table of HTTP Requests and Weights:

Category	Item	Weight
Empty Cache	1. HTML/Text	1.9K
	5. JavaScript File	2426.8K
Priviled Cache	1. HTML/Text	1.9K
	5. JavaScript File	37.0K



Home HTML:



Name: Chicago

Temperature is: 277.3

Description: light intensity drizzle

Place ID: CHU7cv00DwsDogRAMDACA2m4K8

chrome-extension://ninejcohdippngpapiilmkgilmakh/yslow.html#416

Home Grade Components Statistics

Rulesets: YSlow(V2) Edit Help

Components

The page has a total of 10 components and a total weight of 2798.6K bytes

TYPE	SIZE (KB)	GROUP (KB)	COOKIE RECEIVED (bytes)	COOKIE SENT (bytes)	HEADERS	URL	EXPIRES (Y/M/D)	RESPONSE (HTML (ms))	ETAG	ACTION
doc (1)	1.9K									
js (5)	2426.8K									
css (2)	249.0K									
fonticon (1)	0.02K									
font (1)	126.7K									

* type column indicates the component is loaded after window onload event
† denotes 1x1 pixels image that may be image beacon

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Name: Chicago

Temperature is: 277.3

Description: light intensity drizzle

Place ID: CHU7cv00DwsDogRAMDACA2m4K8

chrome-extension://ninejcohdippngpapiilmkgilmakh/yslow.html#416

Home Grade Components Statistics

Rulesets: YSlow(V2) Edit Help

Statistics

The page has a total of 10 HTTP requests and a total weight of 2798.6K bytes with empty cache

WEIGHT GRAPHS

Empty Cache

HTTP Requests - 10
Total Weight - 2798.6K

TYPE	SIZE (KB)
1 HTML/Text	1.9K
5 JavaScript File	2426.8K
2 Stylesheet File	249.0K
1 Fonticon	0.02K
1 undefined	126.7K

Primed Cache

HTTP Requests - 10
Total Weight - 39.0K

TYPE	SIZE (KB)
1 HTML/Text	1.9K
5 JavaScript File	37.0K
2 Stylesheet File	0.0K
1 Fonticon	0.02K
1 undefined	0.0K

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