Final Report

# Introduction

The application “Makeyournews!!” here presented have the following feature:

1. Reading edition news from Google News
2. Using local storage for storing labeling in choose language
3. Manage a MongoDB with the parameter for request the news from Google
4. Reading news offline
5. An easy and intuitive interface and it’s mobile first

# Design and implementation

The system implemented is simple and permit to gather information from Google News in your choose language.

For the implementation of the application web-based was used a scaffolding generator for MEAN Stack with Yeoman. For hybrid mobile application was use Ionic framework.

In response to my design I made some choices until the last attempt to deploy the application on more system that unfortunately fail and for that I open some technical ticket that actually don’t have receive any reply.

In particular for showing the information from Google, I used the module “$sce” of angular that permit to read the html directly from the response of Google. In particular this module is used in a function “getHtml” implemented in the “main.controller.js”:

getHtml(html) { return this.$sce.trustAsHtml(html); }

In “main.html” this function is use in the following way:

<div data-ng-bind-html="$ctrl.getHtml(feed.content)" class="nocss"></div>

Because the content provided from the Google it’s an html so my application must “trust” that this source it’s an html.

Choices made:

1. Reduce the option of visualization on only national and world news
2. Modify the opportunity to create an account for a configuration
3. Controlling directly from controller js the link to Google News ( not all edition )
4. Manage the methods of reading from right to left via a customized CSS directly with tag style

Modules and Libraries:

1. Angular resources : for developing the service that from my application ask to Google the feed in Atom version of the news
2. Angular local Storage : use this module for saving label and languages information for request information to Google News Server

# Conclusion

# References

***Material***https://news.google.com/news?pz=1&hl=it&tab=nn

* https://support.google.com/news/answer/40796?hl=it&ref\_topic=2428792
* https://productforums.google.com/forum/#!forum/news-it
* http://thinktostart.com/creating-custom-rss-feeds-with-google/
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