

Senior/Intermediate PL EVALUATION

ANSWERS, NEXT PAGE

Please build 4 widgets of your choice illustrated in the PSD/JPG included with this evaluation.

The results should work in all major standard browsers and should incorporate presentation layer best practices.

Feel free to use any external framework, libraries of your choice.

Step 1: Read

1. Read through all the instructions before start!
2. It is recommend that you review all the provided assets before starting the test.

Step 2: HTML/CSS

1. Use either the JPG or PSD to create 4 working HTML widgets (The choice is yours).
2. Explain why you choose those 4 widgets over the others.
3. Use a similar Google font to replace the PSD one.
4. Create custom interactions and look and feel for those widgets (Rollovers, animations, transitions) Use your creativity to make them visually stunning!
5. Make widgets responsive for mobile views.

Step 3: JSON/AJAX

1. Create an external JSON file to create an AJAX driven experience.
2. Chosen widgets data should come from the JSON file (Except the form one and those where dynamic data is not applicable, use your common sense) if you choose the form please provide Form validation instead.

Step 4: I18N

1. Your widgets (Labels only) should support language switch (English- Spanish)
2. Build you I18N strategy (JSON drive, template driven, other)
2. Build a toggle button to switch your widgets language.

Step 5: Documentation

1. Write a brief document explaining your solution and the reason of your choices.

Use your creativity to bring this UI to life!!!!

Yamil Steven Lasso

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According to the evaluation, this is a brief document about the work done; the source code and all files are located in the package that comes with the e-mail.

Note:

To execute properly the code, you need to have a local server, due the call of JSON file.

I chose the widgets: “menu”, “profile”, “statistics” and “blog-post”, because all of them have different behaviors and styles, the “menu” is a very common widget, is necessary to know how it works, “profile”, I chose “profile” because every day the different websites are making the user login something obligatory, is important the “user zone”, because it is the management of my information and profile, I built the “statistics”, because I wanted to develop a JSON file specially with this one, I think it is a very good data receiver example, I decided to build “blog-post” thinking in the needs of the user, it has a nice design and provides the information that normally they want to know, like views, comments, likes; by the other way, also is a good example to call the data from the JSON file.

I replaced the font in two ways, using the link (@import) that google-fonts provides, the other was by downloading and creating the @font-face to make possible the use of the font, in a local computer without internet connection.

I made different interactions and animations for the elements, using techniques of CSS3 and JavaScript.

I created a JSON file with the different data of the widgets, and then requested by JavaScript to callback the needed data for the modules.

Using media queries CSS3, I made some conditions according to the screen size to make the site fully responsive to any dimension.

According the internationalization I18N, I created 2 JSON files, one with English data, the other in Spanish, with a “switch” the user can toggle the url of the JSON with JavaScript.