

Brain-TEC exercise

Work report – Francisco Camacho

Step 1: Reading the document, and understanding the problem to solve (15 min. aprox.)

Step 2: Decide which language/technology to use (10 min.?)

Java (+ JSP, Javascript, Spring? Appfuse?) vs PHP → PHP, more lightweight
(Windows vs Linux ? → Linux)

I also thought this: the same I did not want to speak only English, so I decided to study German, I would like to show that I would like to programme also in other languages different than Java, like PHP and Python. So, yes, PHP, although I was supposed to programme this in Java.

Step 3: install XAMPP (XAMPP for Linux 5.6.28) (20 min.?)

Created the database “exercise“ with the table “contact“ with the help of phpMyAdmin. (30 min.?)

Step 4: study PHP!

I had not programmed in PHP since my first job in Germany (as you can see in my cv, I worked some months in the same language school where I studied German in Düsseldorf, and I helped there to develop the sites <http://www.deutsch-als-fremdsprache.de/> and <http://www.wirtschaftsdeutsch.de/> using PHP and Smarty). I decided to study/refresh PHP 2 days (<http://www.w3schools.com/php/>), and then try to do the exercise.

So, Step 4, 2 days (10 hours more or less in total).

Step 5: as it is commented in the code versions, I started doing one easy thing, to get familiar again with PHP. Simply a PHP script that saved a form in the database (version 1.0).

30-45 min. aprox.

Step 6: I modified the first version, to put the logic in the class Contact.

2 hours (I tried to generate the form also with a method in the class Contact, but I started having problems, so I thought to use a bit more “conservative“ approach, and leave finally the form in the html part of the page).

Step 7 and 8: add the form to allow the introduction of the xml file in the URL (version 2.0), and add a simple xml schema to do the validation (version 2.1).

1:30 - 2 hours aprox.

Step 9: final tests (1 hour)

Step 10: this document (30 min.)

From Step 1 and 10: visits of relatives, familiar meetings ... You know, 24th and 25th in Spain :)