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Visualización y modelado de datos

English IX

Daniel Vazquez

I am Vázquez and I did the analysis of which was the best database option for our project. We felt excited about it. First I thought about a relational database, but after investigating it was frustating. I finally realized that our best option was mongo DB, which is not a relational database.

I've also been reviewing the progress of the other team members.

In the database I verifIied the connection of the R language to the database in Mongo DB and then I taught Henrry how to install and using mongo DB, because he is in charge of generating the different graphics that will be reflected in the website, fortunately it was not very difficult the Connection.

I've been teaching Henry and he inserted the data in mongo DB while I was doing researching on how to generate graphics with R language.

Henrry Ruiz

I was being responsable of the development of the database in mongoDB,

I had insertd the exel into the database, with a fairly lorge a mount of data, a round

2GB of data.

So, l was in charge of the interaction of the Excel data with the lenguaje R.

I had to Install and use new libraries calls:”mongoR, rJava, ggplot2”, at that point I had already interacted with the database.

In the test i had already been to visualize the graphs with the query that i created,

But unfortunately the school’s internet was not good and when exporting the graphics they were slowing to be created.

I felt frustrated because od the delay with the connection. But i felt good because the Process and the result was the rightone.

Recently we checked the connection between mongo DB and R language.

In the same way, we were documenting all information collected from evidence, researchs, etc.

Miguel Chan

For the connection of mongo DB and R language we did a thorough investigation, because the connection it's the hardest part of the project.

On the part of the software we had worked on the "backend".

In the "backend" we had been working in the "mockups", we had been doing since begining, adding more features, improving the quality, correcting errores, also we were adding on the document the progress of the Project.

For the Front-End also we had been searching about 2 connections:

* Angular - R Language
* Angular - Mongo DB

And documented as well.

David May

I am in charge on web page’s front-end and back-end development, which could be consulted by users and admins. Back-end side is designed to manage our web site. I think it was not difficult to make graphic design, because I had done before this was create and design based on user experiences from another web pages, so I made some prototypes to start the final view. Once I dit it, I started to set my computer up with tools that help me to code our web app, while I was installing developers apps, I finally could find some methos to custom our web page template faster and easier, luckly for my team and me we could finish our first pages that shows some generic plots, actually, my partner Henrry provided some real plots to me so I could set it up in the web page. When he was creating plots I was looking for components in order to help us to get web page and plots together so when we find the way to do it then we could say that we have done more tan 80% of our Project.