Development Test

Responses

Define the mínimum data model to support the basic case of web, that is, booking a room. Feel free to use **SQL** or **NoSQL** solutions. Just justify your decission.
I used the SQL solutions because it adapts to the branch business.

Define the views. If you consider it necessary, use any template engine, but justify why you did or didn't .
I used the template engine Blades that provides Laravel along with able bootstrap that enables design interfaces responsive and esthetic.

Feel free to use any public or hand-made MVC framework , ORM or any kind of library. Explain your decissions and what benefits you achieved.

I used Eloquent ORM that provide Laravel and offers many advantages.

You have a live server behaving strange, you don't know what is happening but the requests are not responding. You see the number of apache threads increase until the server crashes. How would you start investigating this issue?
It is possible that the server has a maximum number of requests and this number has been exceeded.

Difference between Unit Test , Integration test and Acceptance test.
A Unit test consists in test a module, a test integration in a testing of a set of modules, and the Acceptance test in the testing by the customer of the final product.

AMQ protocol. In what situation would you use any implementation?
On servers that use multiple programming languages.

Would you run PHP as a web server module or as a CGI ? Why?
As a CGI because is most secure that as a module.

What is a mock and how would you create them in PHP.
It is a test, to test the operation of the code.

JSON vs XML . When / Why would you use instead of the other?
The JSON technology as it is compatible with all systems, powerful and easy to use.
I would use XML only for to save data.

If you are using mysql command "explain", what do you look at to know if you must optimize a query
Decreasing weight

What is the benefit of using NameSpaces?
Allows multiple files with the same name while having different namespace.

RESTful interface vs SOAP. Benefits of each option
They are very powerful technologies but I prefer to use RESTful because it is implemented easily mobile.