

Database System II documentation

Project developed by Jose Luis Pedraza Román (romanjo1) using PHP7.2.14. MySQL5.7.24, HTML5 and CSS3.

→User's Guide:

You can open the web page through Home.html and navigate through it to the Contact.php (located on the "Contact Us" button at navigation bar) which is where we are really interested.

Once here, you will see a form with the option to log in (as long as you have not started it previously or have closed it, but we'll see it later).

The user and password to log in must be previously registered in our database system of the lawyer's buffet (with the name "pruebas" in our case), to have the option to make a query about your file or any subject related to your case as a client. In this test case, we can check the operation with the following 2 users:

- User: Alfredo Juan
- Password: 4321 1234

If you entered the login data incorrectly, obviously it would not log in and would show you a message on the screen asking you to go back and try again.

Well, once at this point, we assume that we have already logged in correctly with our user and we will see that the query form is already shown for which we now have permission (restricted area).

At this point, we can fill in the form and send it, or on the other hand, closet he session directly by pressing the button (this will be useful in the future to check the status of your request, I'll explain something later).

We assume that we have filled out the form and clicked the submit button, at this point you could send another query with your user or close session. This last one is of vital importance due to the operation of the sessions, since, if we didn't do it, in the case that the URL of a user registered in another browser (or the same) was copied, it would still be registered what is impermissible (which is solved with the correct use of sessions in php).

The form sent will be stored in the database system waiting to be read by the person responsible for later contacting you, this person would manually change the status of the request in the database, "waiting for review" or "reviewed" (in a future system, you could even check the answer, as well as the status of your queries over time as I explained earlier).

Once you have sent your request, you must log out and the login form will reappear to let you know that the session was successfully closed.

→Structure:

Basis database system of name “prueba” that consists of three tables (which I enclose in a document):

-usuarios_pass = user_pass -> This table contains the attributes to be able to log in correctly with our username and password: ID as Primary Key, USER and PASSWORD.

-contact_form -> This table will be responsible for storing everything related to the query sent by the user, it consists of the following attributes: ID of the total queries sent, USERID of the user who sent it, REQUEST will store the query text, IDSTATE to link with the state_form table and be able to know the status of each query of each client, DATE that will store the date of the user’s system (in which the query was sent).

-state_form -> This table simply has two attributes, which will be the ones in charge in the future to be able to reference the query of our user on what is the current status of his query, in this case, “waiting for review” or “reviewed”. For it consists of two attributes: ID and NAME (table oriented to future applications).

The structure of the .php files and the tasks that I carry out are perfectly detailed in the comments of the same documents.

Thank you for your attention.