

Create your WEB Application with MVC paradigm and OPP – PAP support

Tutorial 1

This tutorial will serve to help you development your project web application. Follow the steps below and if you don't understand , please ask.

This tutorial will be development in PHP natural web language, with a different paradigm. The paradigm that we will use, name's it MVC.

What is MVC???

M -> Model: this handler the database connections and pass information to the controller.

V -> View: this handler the user views, like templates in the front-end.

C-> Controller: this handler controls all the negotiable logic between all parts, the Model and the Views.

To example, this is the motor form our car, the model is the fuel let gives your car move, and the exterior aspect is our view.

Let's begin:

First, you need to install a several of programming tools in the list below:

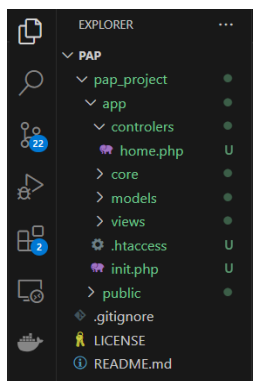
- VS Code
- Xampp
- GitHub desktop – for this we need create an account in this repository system, if you don't have it, please sign up in www.github.com
- Etc..

Considerations: please give maximum attention to the folder names, because any error name the program don't work.

When you finish, we will create a new project in your local machine and publish you project in GitHub. (suggest: name your project like your PAP example)

If you have any difficult, please let me know.

Next step, tree folder project:



Create like the example:

1º Folder PAP (name this folder like you want)

2º Folder pap_project (name this folder like you want)

Folder: app (backend)

Folder: public (frontend)

Inside the public folder create 2 files:

1º file

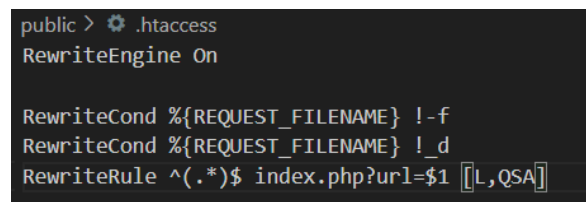
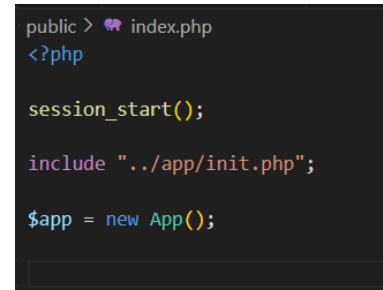
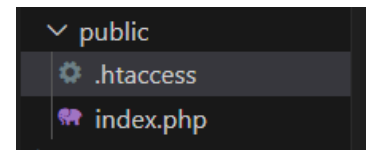
Index.php – inside this put the code like the image

(Remember this is your beginning start folder application)

In this code we start a session on our browser and include the file in app to give you opportunity to instantiate an object from new APP() function.

2º file

.htaccess – this handler ruleset directs all URL requests that do not match an existing file or directory to the index.php file, allowing the PHP script to process the URL and decide how to handle the request.



Inside the app folder we create 2 files and 4 folders like the image:

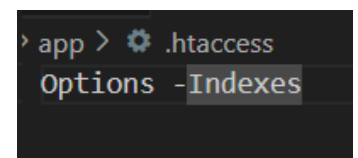
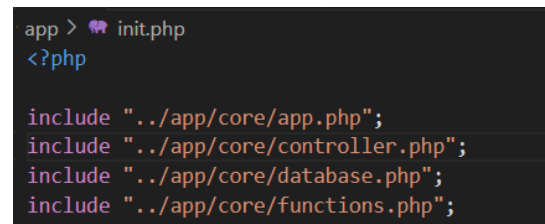
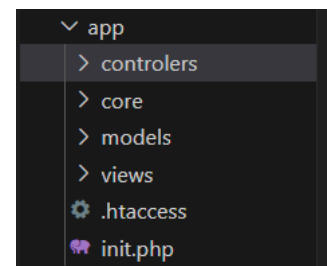
1º file

Init.php – if you remember, early we instantiate an object from this folder inside the index.php.

Inside this file we include all paths to the main folders structure.

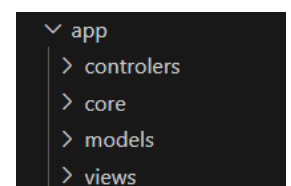
2º file

.htaccess – inside this file e write When the Options -Indexes option is present, the web server will not show a list of files when someone accesses a directory in the browser and there is no index file present. Instead, the server will return a 403 - Forbidden error.



Folders:

You will create 4 folders inside the app folder like the print:



END Tutorial 1