

Twig

Overview

Twig is a modern template engine designed for PHP that is friendly for both the designer and the developer. It is a very good alternative to the PHPTemplate way of building the presentation logic of a web application, since it represents a much cleaner template experience.

Twig uses a very easy to understand syntax and a framework that separates the rendering logic from the business logic. This detail is really important to maintain and optimally develop a professional platform.

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Project Requirements

- Create a repository in GIT to work with your project
- You must understand and make use of HTML escape.
- You must make use of a TWIG extension that you will previously add to your PHP script.
- You must make use of TWIG filters using at least one.
- Create a clear and orderly directory structure
- Both the code and the comments must be written in English
- Use the camelCase code style to define variables and functions
- In the case of using HTML, never use inline styles
- In the case of using different programming languages always define the implementation in separate terms
- Remember that it is important to divide the tasks into several sub-tasks so that in this way you can associate each particular step of the construction with a specific commit
- You should try as much as possible that the commits and the planned tasks are the same
- Delete files that are not used or are not necessary to evaluate the project

Risk Management Plan

Every project has risks. These risks must be taken into account to improve the workflow of the project. I've listed the risks for the project, along with the impact they might have, and the priority of them.

	Risk	Consequence	Prob. (1-5)	Imp. (1-5)	Pri. (1-25)	Mitigation approach
1	Breaking my computer	Can't do anything	1	5	5	Keep my repo work to date, look for other computers
2	Getting sick	Wouldn't be as productive	2	3	6	Eat and sleep well
3	Not concentrating enough	Won't com	2	5	10	Focus on the Minimum Viable Product.
4	Unrealistic deadlines	Deadlines wouldn't be met +	2	3	6	Be more organized with the tasks, set new

		development shortcuts would have been taken affecting the robustness of the code				deadlines.
5	Being unfocused	Loss of control over the development flow of the project	4	5	20	Focus on finishing the most important tasks only.

Project Tasks

Defining this part is crucial to the development of the project. It is important to make a good analysis of the situation to organize the project in a good way:

#	Task	Priority (1-5)	Description	Difficulty (1-5)	Estimation
1	Reading the description	4	Reading the description of the project	1	30 min
2	Create the repo	5	Creating the repo for the project	1	2 min
3	Create a PHP-based script	4	Create a php-based script for the development of the pill	3	30 min
4	Install Twig through composer	5	Installing twig through composer to use its features	3	1 hr
5	Import Twig into your script	4	Importing twig into your script	3	1 hr
6	Work with the views	3	You will create the necessary views and templates to work with your web	5	3 hrs

			project.		
7	Run the render method	4	The render method, which will be responsible for obtaining the result of the HTML view.	5	2 hr
8	Review	2	Review Project	2	30 min

Chronogram

Task #	Wednesday	Thurs	Friday
1	X		
2	X		
3	X		
4		X	
5		X	
6		X	
7		X	
8			X

Git Workflow

For this project, all commits we'll be pushed directly to the Master branch. All commits will use a descriptive message, so that myself or other users can easily go to the Git version that they need to. This is very important for working in teams as it increases communication and efficiency between all members.

Technologies used

- Visual Studio Code
- Twig
- Composer

Lessons learned

- Twig is an open-source templating engine for the PHP programming language.
- Twig compiles templates down to plain optimized PHP code.
- In twig you can create blocks by for example using `{% block %}` and `{% endblock %}` to close the block.

Incidents

- At first, some difficulty understanding what blocks are and how to use them.
- Some difficulty understanding how to implement a loop for all the news articles.

