***Laravel***

***Laravel is a web application framework with expressive, elegant syntax. A web framework provides a structure and starting point for creating your application, allowing you to focus on creating something amazing while we sweat the details***

***Laravel strives to provide an amazing developer while providing powerful features such as thorough dependency injection, an expressive database abstraction layer, queues and scheduled jobs, unit and integration testing, and more.***

***Whether you are new to PHP or web frameworks or have years of experience, Laravel is a framework that can grow with you. We will help you take your first steps as a web developer or give you a boost as you take your expertise to the next level. We can't wait to see what you build.***

***WHY Laravel?***

***A Progressive Framework***

***Laravel is incredibly scalable. Thanks to the scaling-friendly nature of PHP and Laravel's built-in support for fast, distributed cache systems like Redis, horizontal scaling with Laravel is a breeze. In fact, Laravel applications have been easily scaled to handle hundreds of millions of requests per month.***

#### *A Community Framework*

#### *Laravel combines the best packages in the PHP ecosystem to offer the most robust and developer friendly framework available. In addition, thousands of talented developers from around the world have*[*contributed to the framework*](https://github.com/laravel/framework)*. Who knows, maybe you will even become a Laravel contributor*

## [**Creating Validators**](https://laravel.com/docs/8.x/validation#manually-creating-validators)

If you do not want to use the validate method on the request, you may create a validator instance manually using the Validator [facade](https://laravel.com/docs/8.x/facades). The make method on the facade generates a new validator instance:***Text

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***Testing Files Uploads***

***The Illuminate\Http\Uploaded File class provides a fake method which may be used to generate dummy files or images for testing. This, combined with the Storage facade's fake method, greatly simplifies the testing of file uploads. For example, you may combine these two features to easily test an avatar upload form:***

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***Php***

***PHP is a server-side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.***

***PHP is a recursive acronym for "PHP: Hypertext Preprocessor".***

## ***Characteristics of PHP***

* ***Simplicity***
* ***Efficiency***
* ***Security***
* ***Flexibility***
* ***Familiarity***

## ***"Hello World" Script in PHP***

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