



# Why Laravel?

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## Laravel?

Laravel is a **web application framework**  
with expressive, elegant syntax.

—laravel.com

# Web application framework?

- Sebuah **Kerangka** yang didesain untuk mendukung pembangunan aplikasi web.
- Menyediakan standar/cara untuk membangun aplikasi web.
- Bertujuan untuk mengotomasi hal-hal umum yang biasanya dilakukan saat membangun aplikasi web.
- **Contohnya** : Database Library, templating engine, session management, authentication, security, dll.

# Laravel

- Dibuat oleh Taylor Otwell, Juni 2011
- Sebagai alternatif framework untuk Codeigniter
- Versi terbarunya adalah versi 8



## Filosofi Laravel?

"We believe development must be an enjoyable, creative experience to be truly fulfilling".

—taylor otwell

## Tujuan Laravel?

Laravel aims to make the development process a pleasing one for the developer without sacrificing application functionality. **Happy developers make the best code.**

—taylor otwell

# Fitur Utama pada Laravel

- MVC
- Templating Engine
- Artisan Console
- Eloquent ORM
- Authentication & Authorization
- Testing
- Packaging System
- Multiple File System
- Task Scheduling
- Websocket Programming

# Ekosistem Laravel



**Vapor**  
Serverless Platform



**Forge**  
Server Management



**Envoyer**  
Zero Downtime Deployment



**Horizon**  
Queue Monitoring



**Nova**  
Administration Panel



**Echo**  
Realtime Events



**Lumen**  
Micro-Framework



**Sail**  
Local Docker environment



**Spark**  
SaaS App Scaffolding



**Valet**  
Dev Environment for Macs



**Mix**  
Webpack Asset Compilation



**Cashier**  
Subscription Billing Integration



**Dusk**  
Browser Testing and Automation



**Sanctum**  
API / Mobile Authentication



**Scout**  
Full-Text Search



**Socialite**  
OAuth Authentication



**Telescope**  
Debug Assistant



**Jetstream**  
App Scaffolding

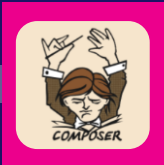
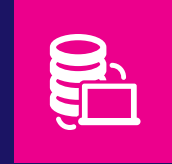


# Requirement



PHP  $\geq$  7.4

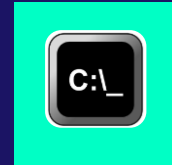
MySQL



Composer 2

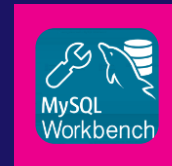
Terminal

Cmd/PowerShell/GitBash



Visual Studio Code

MySQL  
Workbench



# Requirement



## Visual Studio Code

### Extensions

- PHP Intelephense
- Laravel Artisan
- Laravel Snippets
- Laravel Blade Snippets
- Laravel Blade Spacer
- Laravel GoTo View

# THANKS!

Do you have any questions?  
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