# Laravel Installation (Blade Only, No NPM)

This guide explains how to install Laravel with **authentication scaffolding** using only Blade and Bootstrap **via CDN** (no npm run dev).

## 1. Requirements

* PHP >= 8.2 with common extensions (ctype, curl, mbstring, pdo, tokenizer, xml, etc.).
* Composer
* Database (MySQL/MariaDB, PostgreSQL, SQLite, or SQL Server).

## 2. Create a New Laravel App

composer create-project laravel/laravel myapp  
cd myapp  
cp .env.example .env  
php artisan key:generate

Configure .env for database:

DB\_CONNECTION=mysql  
DB\_HOST=127.0.0.1  
DB\_PORT=3306  
DB\_DATABASE=myapp  
DB\_USERNAME=root  
DB\_PASSWORD=secret

Run migrations:

php artisan migrate

## 3. Add Laravel UI for Auth (Blade Scaffolding)

composer require laravel/ui  
php artisan ui bootstrap --auth

This generates:

* Authentication routes
* Controllers
* Blade views for login, register, password reset

## 4. Layout with Bootstrap via CDN

Edit resources/views/layouts/app.blade.php:

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1">  
 <meta name="csrf-token" content="{{ csrf\_token() }}">  
 <title>{{ config('app.name', 'Laravel') }}</title>  
  
 <!-- Bootstrap 5 CDN -->  
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">  
</head>  
<body>  
 <nav class="navbar navbar-expand-lg navbar-light bg-light mb-3">  
 <div class="container">  
 <a class="navbar-brand" href="{{ url('/') }}">{{ config('app.name', 'Laravel') }}</a>  
 <div class="ms-auto">  
 @guest  
 <a class="btn btn-outline-primary btn-sm" href="{{ route('login') }}">Login</a>  
 <a class="btn btn-primary btn-sm" href="{{ route('register') }}">Register</a>  
 @else  
 <span class="me-2">Hi, {{ Auth::user()->name }}</span>  
 <a class="btn btn-outline-danger btn-sm" href="{{ route('logout') }}"  
 onclick="event.preventDefault(); document.getElementById('logout-form').submit();">Logout</a>  
 <form id="logout-form" action="{{ route('logout') }}" method="POST" class="d-none">@csrf</form>  
 @endguest  
 </div>  
 </div>  
 </nav>  
  
 <div class="container">  
 @yield('content')  
 </div>  
  
 <!-- Bootstrap JS CDN -->  
 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>  
</body>  
</html>

## 5. Routes

Ensure routes/web.php includes:

use Illuminate\Support\Facades\Auth;  
  
Route::get('/', fn () => view('welcome'));  
Auth::routes();  
Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');

## 6. Run the Application

php artisan serve

Visit:

* /login
* /register
* /password/reset

## 7. Email Verification (Optional)

Enable in User.php:

use Illuminate\Contracts\Auth\MustVerifyEmail;  
  
class User extends Authenticatable implements MustVerifyEmail {}

Protect routes:

Route::middleware(['auth', 'verified'])->get('/dashboard', fn () => view('dashboard'));

In .env for development:

MAIL\_MAILER=log