LARAVEL





Laravel

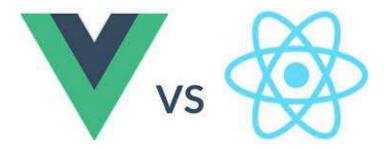
Laravel é um Framework PHP utilizado para o desenvolvimento web, que utiliza a arquitetura MVC e tem como principal característica ajudar a desenvolver aplicações seguras e performáticas de forma rápida, com código limpo e simples, já que ele incentiva o uso de boas práticas de programação e utiliza o padrão PSR-2 como guia para estilo de escrita do código.

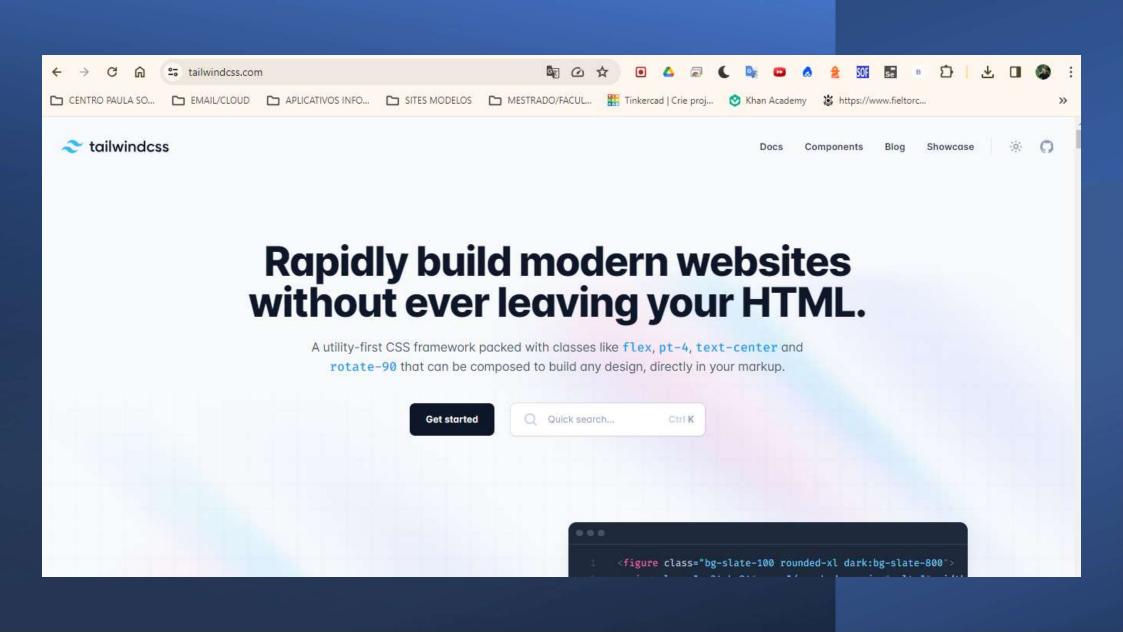
CAMADA DE VISUALIZAÇÃO

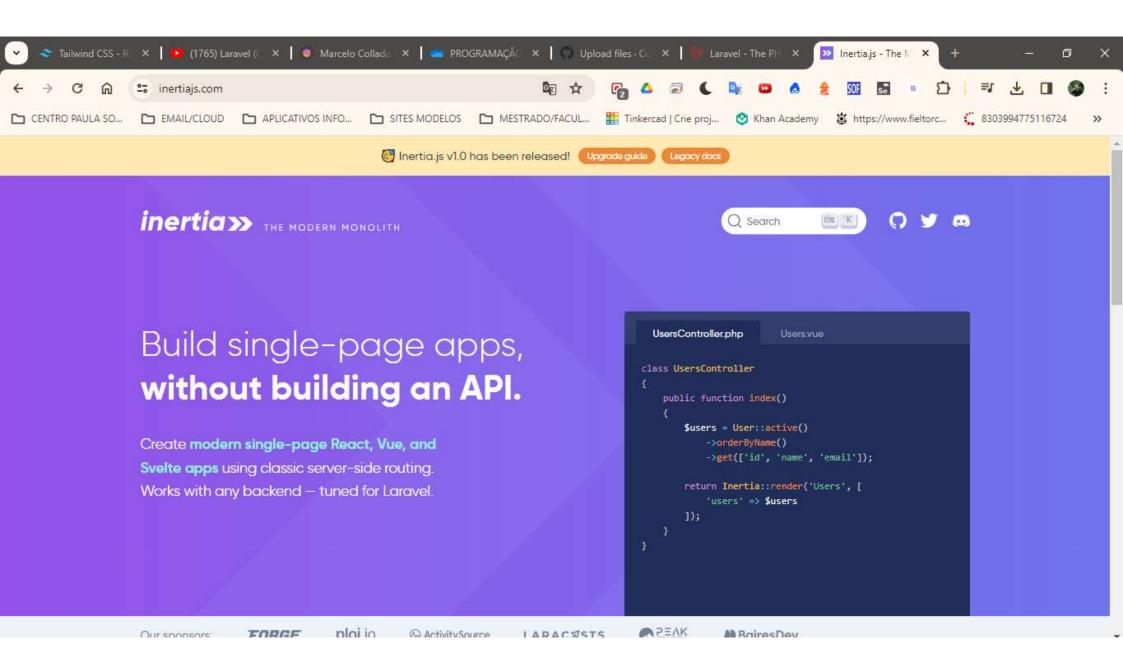
- A camada de visualização padrão do Laravel é composta de modelos Blade simples estilizados com Tailwind <u>CSS</u>.
- O Laravel pode estruturar seu aplicativo usando Vue ou React e <u>Inertia</u>.

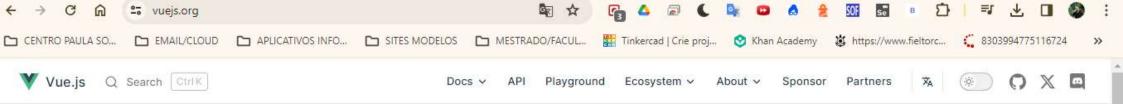






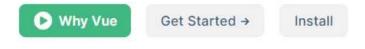




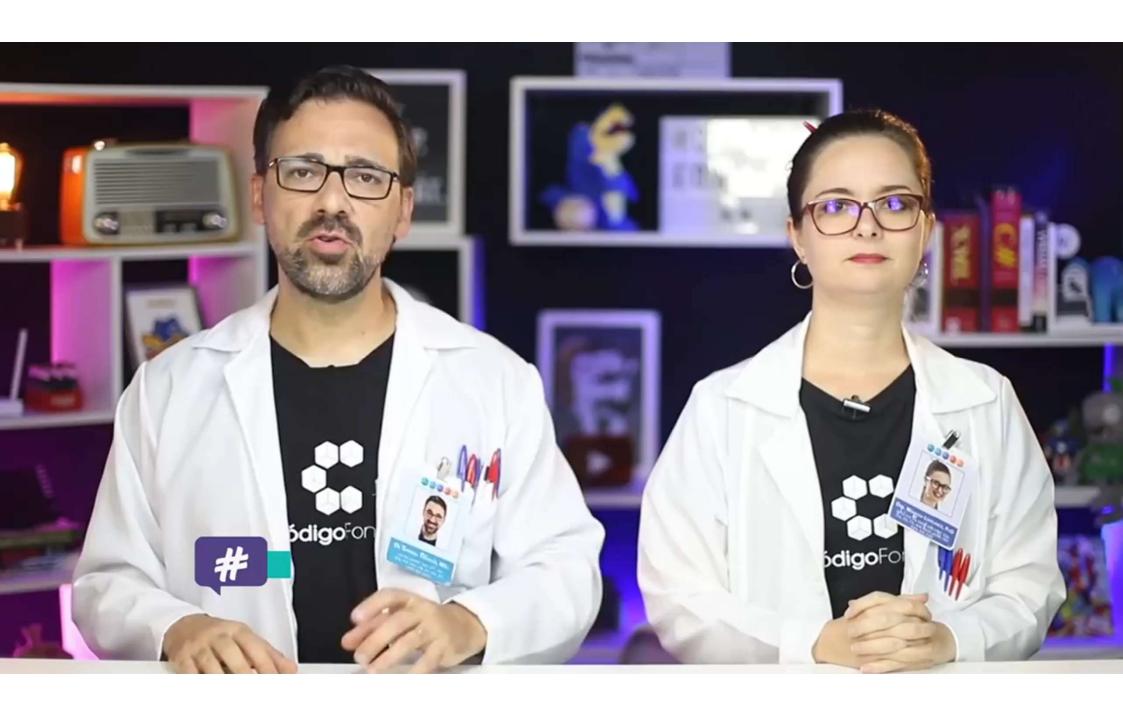


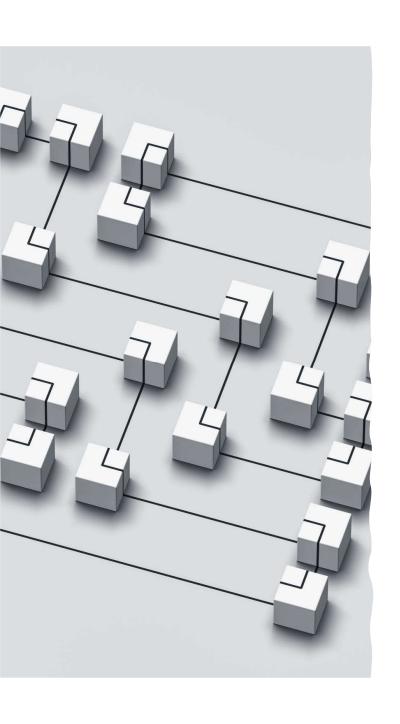
The Progressive JavaScript Framework

An approachable, performant and versatile framework for building web user interfaces.









BANCO DE DADOS

- primeiro, você deve <u>criar uma nova aplicação Laravel</u>, configurar seu banco de dados e executar suas <u>migrações</u> <u>de banco de dados</u>.
- IREMOS UTILIZAR O SGBD LOCAL XAMPP versão 7:
- https://www.apachefriends.org/download.html

NPM (Node.js® é um ambiente de tempo de execução JavaScript de plataforma cruzada)

- pode ser utilizado em diferentes plataformas, como Windows, Linux, macOS e muitas outras. Para utilizá-lo, entretanto, é preciso realizar a instalação do Node.js, já que o NPM é um recurso disponível nessa ferramenta.:
- https://nodejs.org/en/download





COMPOSER

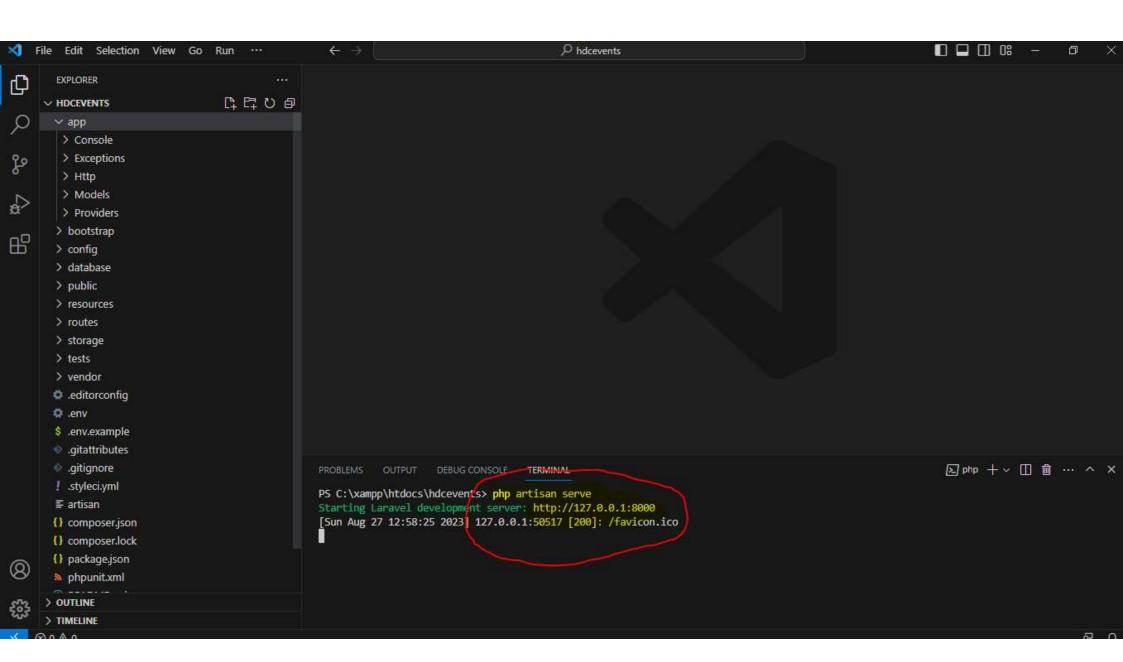
- O Composer é uma ferramenta para gerenciamento de pacotes em PHP.
- Seu principal objetivo é facilitar a administração das bibliotecas do seu projeto, instalando-as e atualizando-as automaticamente.
- https://getcomposer.org/

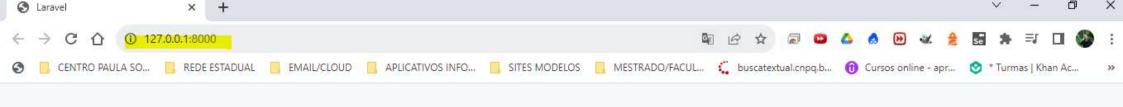
```
C:\xampp\htdocs>composer create-project --prefer-dist laravel/laravel hdcevents
Creating a "laravel/laravel" project at "./hdcevents"
Info from https://repo.packagist.org: #StandWithUkraine
Cannot use laravel/laravel's latest version v10.2.6 as it requires php ^8.1 which is not satisfied by your platform.
Installing laravel/laravel (v8.6.12)
- Installing laravel/laravel (v8.6.12): Extracting archive
Created project in C:\xampp\htdocs\hdcevents
> @php -r "file exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Jpdating dependencies
Lock file operations: 103 installs, 0 updates, 0 removals
 - Locking asm89/stack-cors (v2.1.1)
 - Locking brick/math (0.9.3)
 - Locking doctrine/inflector (2.0.8)
 - Locking doctrine/instantiator (1.5.0)
 - Locking doctrine/lexer (1.2.3)
 - Locking dragonmantank/cron-expression (v3.3.3)
 - Locking egulias/email-validator (2.1.25)
```

PROJETO

- UTILIZE O PROMPT DE COMANDO:
- Acesse a pasta do projeto:
- Execute o comando:
- composer create-project -prefer-dist laravel/laravel hdcevents

```
> mpnp arcisan vendor:publish --tag=laravel-assets --ansl --torce
No publishable resources for tag [laravel-assets].
Publishing complete.
No security vulnerability advisories found
> @php artisan key:generate --ansi
Application key set successfully.
C:\xampp\htdocs>dir
O volume na unidade C não tem nome.
O Número de Série do Volume é 0097-D1BD
Pasta de C:\xampp\htdocs
27/08/2023 12:50
                     <DIR>
27/08/2023 12:50
                     <DIR>
17/08/2023 19:51
                     <DIR>
                                    agendamentos
                             3.607 applications.html
27/08/2019 11:02
27/08/2019 11:02
                                177 bitnami.css
25/08/2023 12:05
                     <DIR>
                                    conexaobd
25/07/2022 03:24
                     <DIR>
                                    dashboard
16/07/2015 12:32
                             30.894 favicon.ico
27/08/2023 12:50
                     <DIR>
                                    hdcevents
25/07/2022 03:24
                     <DIR>
                                    img
16/07/2015 12:32
                                260 index.php
25/08/2023 12:38
                     <DIR>
                                    login
25/08/2023 11:32
                                    loginSemBanco
                     <DIR>
                                    pwagendamentos
17/08/2023 19:55
                     <DIR>
                                    webalizer
25/07/2022 03:24
                     <DIR>
25/07/2022 03:24
                     <DIR>
                                    xampp
              4 arquivo(s)
                                    34.938 bytes
                           66.881.650.688 bytes disponíveis
              12 pasta(s)
C:\xampp\htdocs>cd hdcevents
```







Documentation

Laravel has wonderful, thorough documentation covering every aspect of the framework. Whether you are new to the framework or have previous experience with Laravel, we recommend reading all of the documentation from beginning to end.

Laravel News

Laravel News is a community driven portal and newsletter aggregating all of the latest and most important news in the Laravel ecosystem, including new package releases and tutorials.

C Laracasts

Laracasts offers thousands of video tutorials on Laravel, PHP, and JavaScript development. Check them out, see for yourself, and massively level up your development skills in the process.

Vibrant Ecosystem

Laravel's robust library of first-party tools and libraries, such as <u>Forge</u>, <u>Vapor</u>, <u>Nova</u>, and <u>Envoyer</u> help you take your projects to the next level. Pair them with powerful open source libraries like <u>Cashier</u>, <u>Dusk</u>, <u>Echo</u>, <u>Horizon</u>, <u>Sanctum</u>, <u>Telescope</u>, and more.

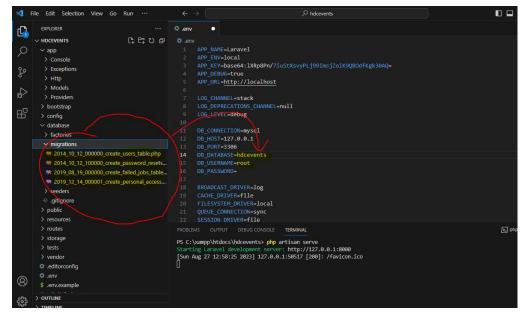
Shop Sponsor

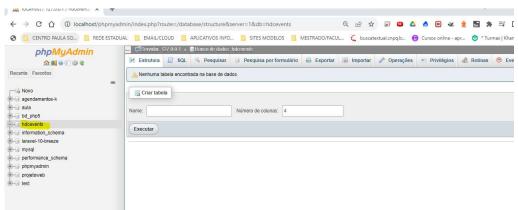
Laravel v8.83.27 (PHP v7.3.31)

DATABASE CONFIGURAÇÃO

ABRA A IDE DE PROGRAMAÇÃO

• configurar na PASTA ENV.





Php artisan migrate

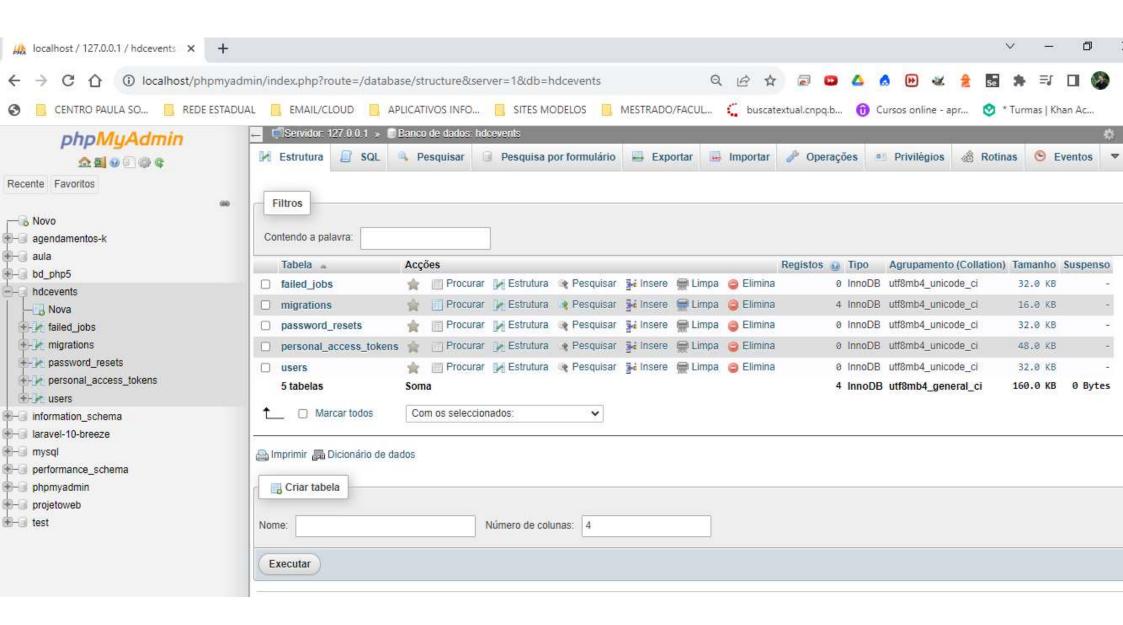
```
XI File Edit Selection View Go Run ···

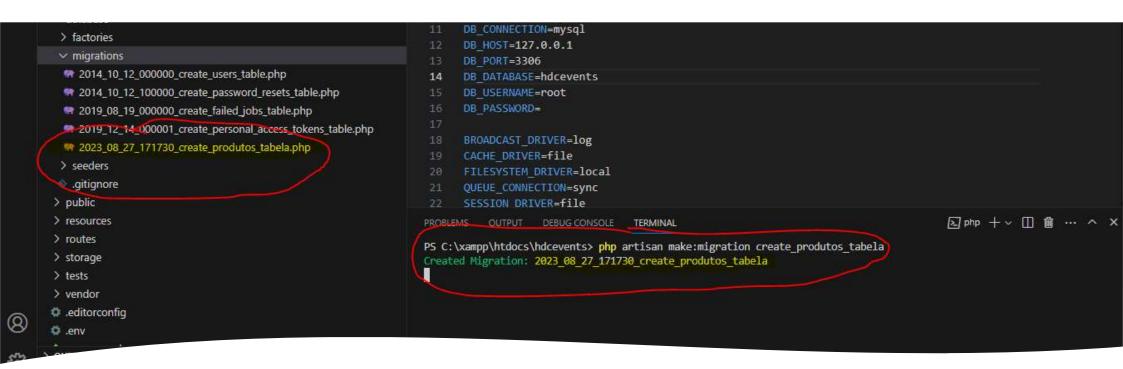
∠ hdcevents

     ∨ HDCEVENTS
                                                   1 APP_NAME=Laravel
      ∨ app
                                                   2 APP_ENV=local
        > Console
                                                   3 APP_KEY=base64:1XRp8Pn/7IuStXsvyPLj99ImsjZoiK9QBOdfKgk30AQ=
        > Exceptions
                                                   4 APP DEBUG=true
                                                        APP_URL=http://localhost
        > Models
        > Providers
                                                   7 LOG CHANNEL=stack
       > bootstrap
                                                       LOG LEVEL=debug
       > config

✓ database

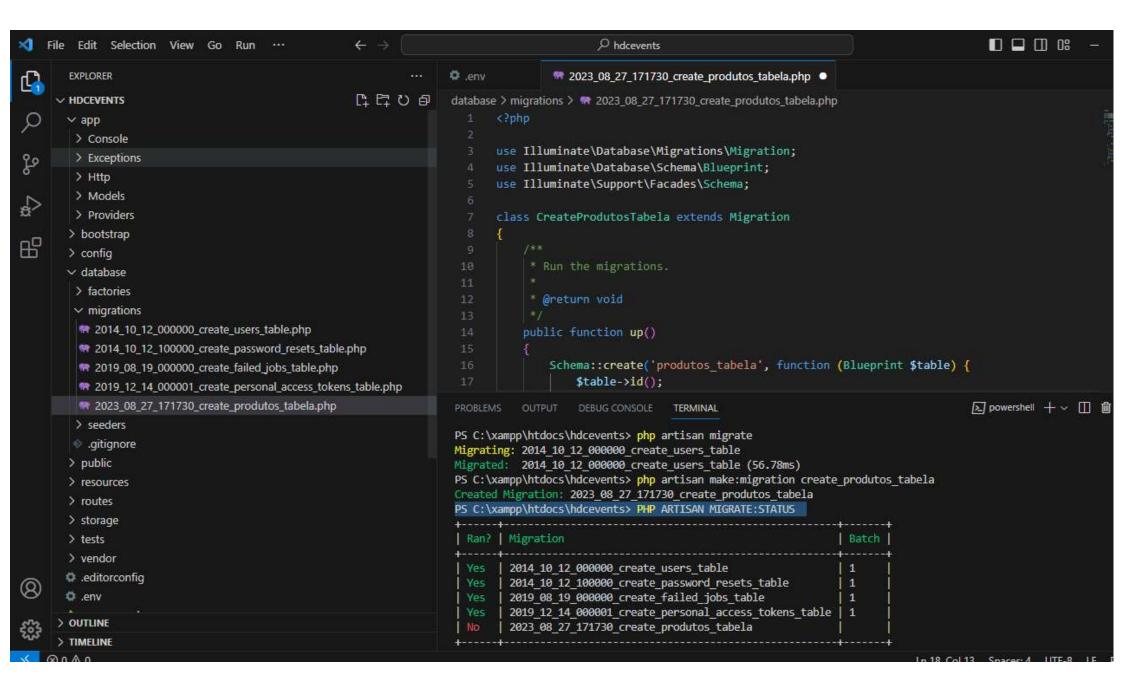
                                                  11 DB_CONNECTION=mysql
        > factories
                                                  12 DB HOST=127.0.0.1
         * 2014_10_12_000000_create_users_table.php
        * 2014_10_12_100000_create_password_resets... 15 DB_USERNAME=root
         * 2019 08 19 000000 create failed jobs table...
         * 2019_12_14_000001_create_personal_access...
                                                  18 BROADCAST_DRIVER=log
        > seeders
                                                  19 CACHE DRIVER=file
       > public
                                                  22 SESSION DRIVER=file
       > routes
                                                  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
       > storage
       > tests
                                                     715
       > vendor
                                                     716
      .editorconfig
                                                   • Database name seems incorrect: You're using the default database name `lara
      .env
                                                 PS C:\xampp\htdocs\hdcevents> php artisan migrate
       $ .env.example
                                                  Migration table created successfully.
                                                 Migrating: 2014_10_12_000000_create_users_table
                                                 Migrated: 2014 10 12 000000 create users table (56.78ms)
     > TIMELINE
                                                 Migrating: 2014_10_12_100000 create password resets table
   ⊗0 △0
```



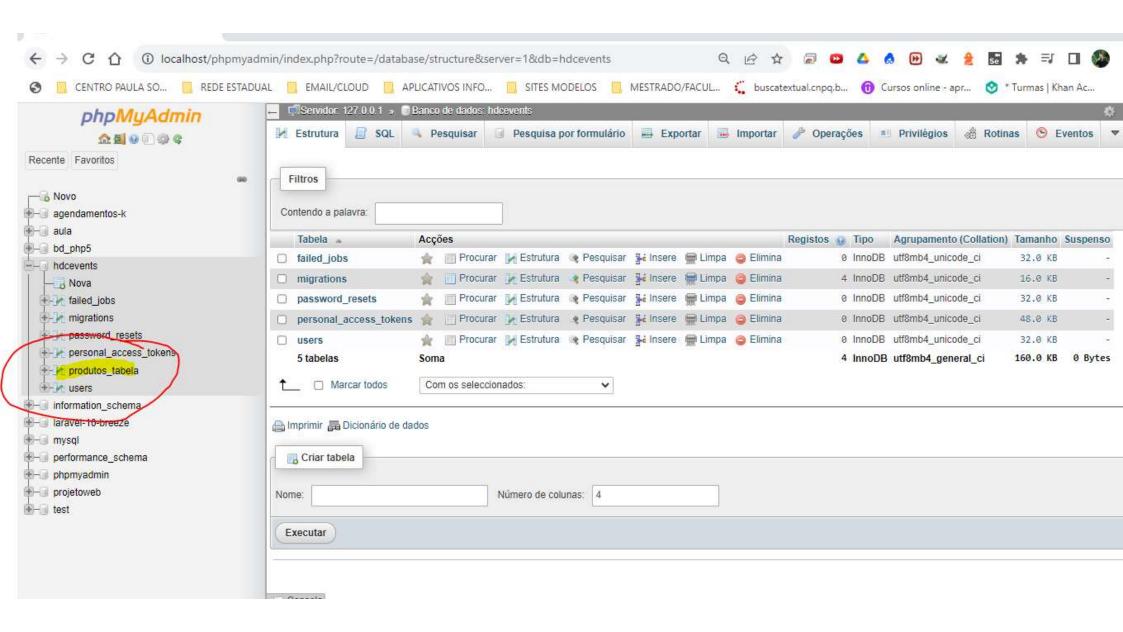


CRIANDO MIGRATION

php artisan make:migration create_produtos_tabela



```
Console
                                                                        use Illuminate\Database\Migrations\Migration;
  > Exceptions
                                                                        use Illuminate\Database\Schema\Blueprint;
  > Http
                                                                        use Illuminate\Support\Facades\Schema;
  > Models
  > Providers
                                                                        class CreateProdutosTabela extends Migration
 > bootstrap
 > config
                                                                             * Run the migrations.
 database
  > factories
                                                                             * @return void
  migrations
   2014_10_12_000000_create_users_table.php
                                                                            public function up()
   2014 10 12 100000 create password resets table.php
                                                                                Schema::create('produtos tabela', function (Blueprint $table) {
   2019 08 19 000000 create failed jobs table.php
                                                                                     $table->id();
   R 2019 12 14 000001 create personal access tokens table.php
   2023_08_27_171730_create_produtos_tabela.php
                                                                 PROBLEMS
                                                                                     DEBUG CONSOLE
                                                                                                     TERMINAL
  > seeders
                                                                       migrate:install Create the migration repository
  gitignore
                                                                       migrate:refresh Reset and re-run all migrations
 > public
                                                                      migrate:reset
                                                                                       Rollback all database migrations
                                                                       migrate:rollback Rollback the last database migration
 > resources
                                                                       migrate:status Show the status of each migration.
 > routes
 > storage
                                                                 PS C:\xampp\htdocs\hdcevents> PHP ARTISAN MIGRATE:FRESH
 > tests
                                                                 Dropped all tables successfully.
 > vendor
                                                                 Migration table created successfully.
.editorconfig
                                                                 Migrating: 2014 10 12 000000 create users table
.env
                                                                 Migrated: 2014 10 12 000000 create users table (46.81ms)
                                                                 Migrating: 2014 10 12 100000 create password resets table
> OUTLINE
                                                                 Migrated: 2014 10 12 100000 create password resets table (66.10ms)
                                                                 Migrating: 2019 08 19 000000 create failed jobs table
> TIMELINE
```



Exercício 1

CRIAR UM SITE PHP UTILIZANDO FRAMEWORK LARAVEL.

RECOMENDAÇÃO:

CURSO DE LARAVEL MATHEUS BATTISTI

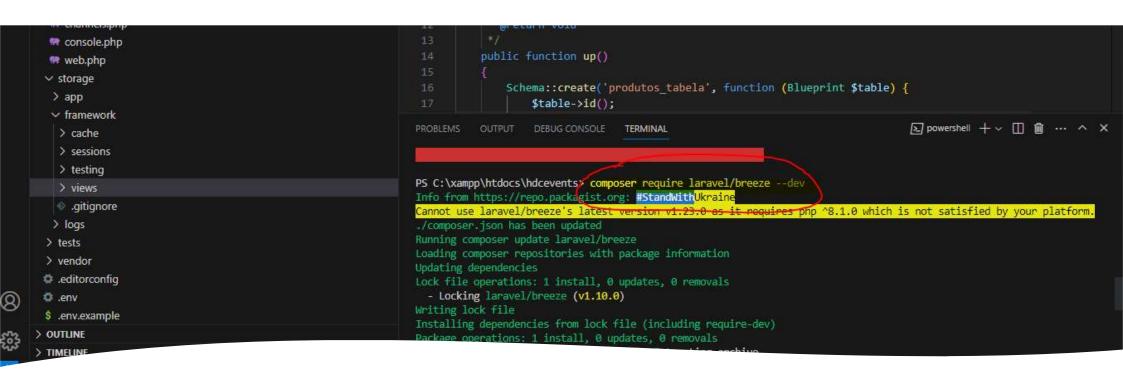
https://www.youtube.com/playlist?list=PLnDvRp P8BnewYKI1n2chQrrR4EYiJKbUG



LARAVEL BREEZE

O Laravel Breeze é um pacote de autenticação minimalista para o Laravel, um framework PHP de código aberto amplamente utilizado para o desenvolvimento de aplicações web.

O Breeze oferece autenticação pronta para uso, incluindo registro, login, recuperação de senha e muito mais



LARAVEL BREEZE Em seguida, instale o pacote Laravel Breeze

composer require laravel/breeze --dev

composer require laravel/breeze --dev

php artisan breeze:install

php artisan migrate

php artisan breeze:install

php artisan migrate

npm install

npm run dev

```
> resources
                                                                            public function up()
 > routes
                                                                                Schema::create('produtos_tabela', function (Blueprint $table) {

∨ storage

                                                                                     $table->id();
  > app
  > framework
                                                                                                                                                      反 powershell + ∨ Ⅲ 前 ··· ^ ×
                                                                 PROBLEMS
  > logs
 > tests
 > vendor
                                                                 PS C:\xampp\htdocs\hdcevents> cd breeze
                                                                 cd : Não é possível localizar o caminho 'C:\xampp\htdocs\hdcevents\breeze' porque ele não existe.
 .editorconfig
                                                                 No linha:1 caractere:1
 env.
                                                                 + cd breeze
 $ .env.example
                                                                                             : ObjectNotFound: (C:\xampp\htdocs\hdcevents\breeze:String) [Set-Location], ItemNotFoundE
 .gitattributes
 .gitignore
                                                                     + FullyQualifiedErgarId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand
 ! .styleci.yml

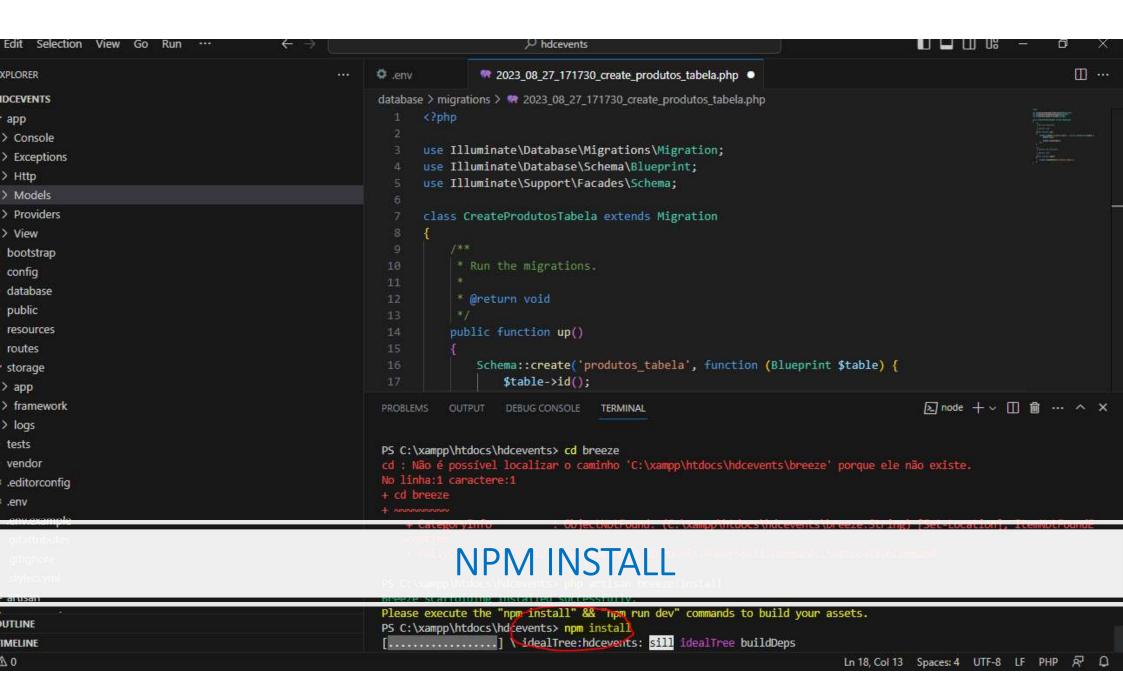
    artisan

                                                                 PS C:\xampp\htdocs\hdcevents> php artisan breeze:install
                                                                 Breeze scaffolding installed successfully.
> OUTLINE
                                                                 Please execute the "npm install" && "npm run dev" commands to build your assets.
                                                                     C.\vampn\htdocs\hdcevents>
> TIMELINE
```

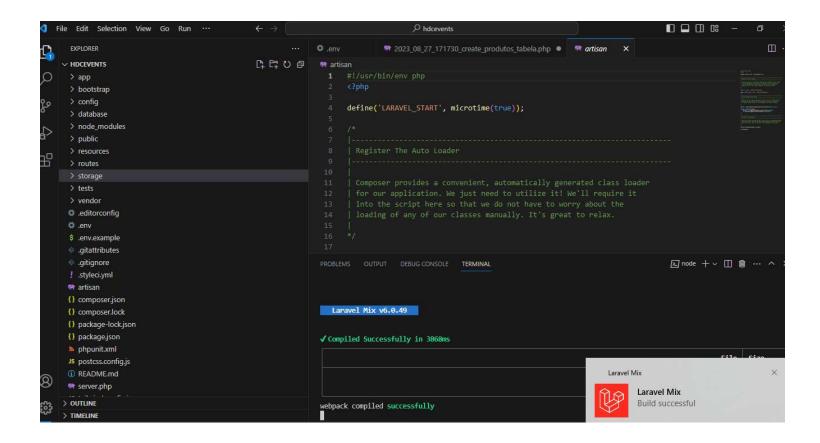
LARAVEL BREEZE

Após a instalação, execute estes comandos para compilar os ativos.

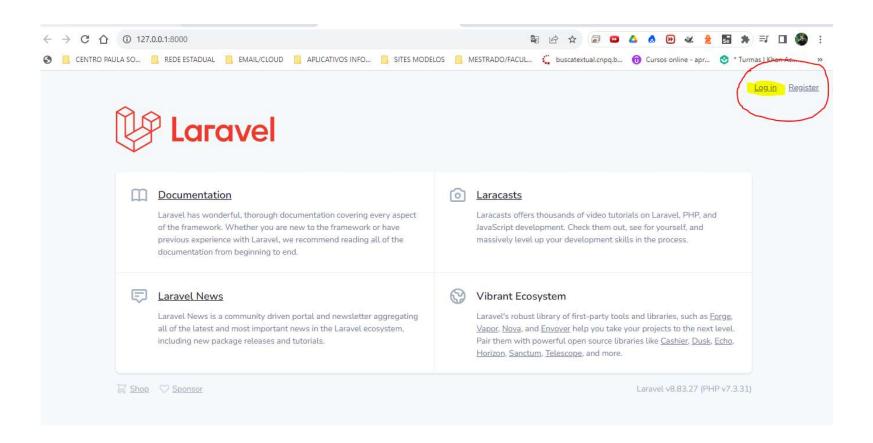
Php artisan breeze:install



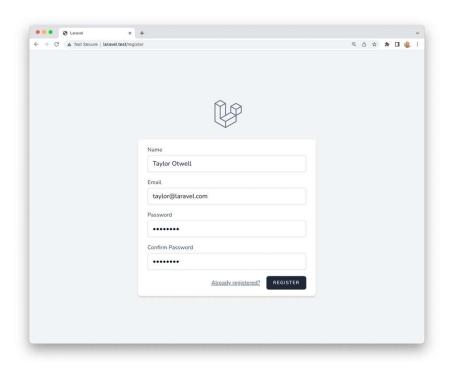
NPM RUN DEV

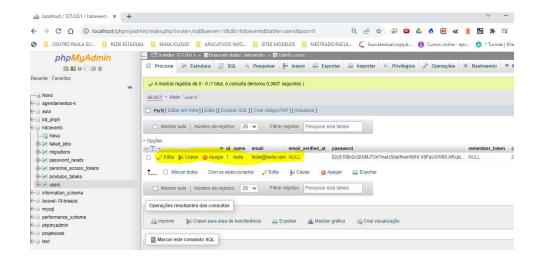


Depois de compilado mostra o LOGIN



DASHBOARD LOGADO





EXERCÍCIO 2

- CRIAR UM SITE COM LARAVEL BREEZE:
- CRIAR USUÁRIO;
- FAZER LOGIN;
- IR PARA PÁGINA WELCOME.PHP

