

Authentication

<https://laravel.com/docs/7.x/authentication#introduction>

Introduction



Want to get started fast? Install the `laravel/ui` Composer package and run `php artisan ui vue --auth` in a fresh Laravel application. After migrating your database, navigate your browser to `http://your-app.test/register` or any other URL that is assigned to your application. These commands will take care of scaffolding your entire authentication system!

```
composer require laravel/ui
```

```
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>composer require laravel/ui
Using version ^2.0 for laravel/ui
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Installing laravel/ui (v2.0.3): Downloading (100%)
Package jakub-onderka/php-console-color is abandoned, you should avoid using it.
Use symfony/console instead.
Package jakub-onderka/php-console-highlighter is abandoned, you should avoid using it.
Use symfony/console instead.
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/tinker
Discovered Package: laravel/ui
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
```

```
php artisan ui vue --auth
```

```
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>php artisan ui vue --auth
Vue scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.
Authentication scaffolding generated successfully.
```

Sprawdź czy system rozpoznaje polecenia `npm -v` oraz `node -v` (jeśli nie rozpoznaje to zainstaluj node.js):

```
m@DESKTOP-5KMPLE3 MINGW64 /c:/xampp/htdocs/git/cdv/2020/laravel/cdv (master)
$ php artisan ui vue --auth
Vue scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.
Authentication scaffolding generated successfully.

m@DESKTOP-5KMPLE3 MINGW64 /c:/xampp/htdocs/git/cdv/2020/laravel/cdv (master)
$ npm -v
6.14.4

m@DESKTOP-5KMPLE3 MINGW64 /c:/xampp/htdocs/git/cdv/2020/laravel/cdv (master)
$ node -v
v12.16.3

m@DESKTOP-5KMPLE3 MINGW64 /c:/xampp/htdocs/git/cdv/2020/laravel/cdv (master)
$
```

Uruchom serwer w celu weryfikacji instalacji autoryzacji:

```
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Wed Apr 29 21:08:42 2020] 127.0.0.1:59000 [200]: /favicon.ico
```



Wybierz hiperłącze [Login](#):

[Laravel](#)

- [Login](#)
- [Register](#)

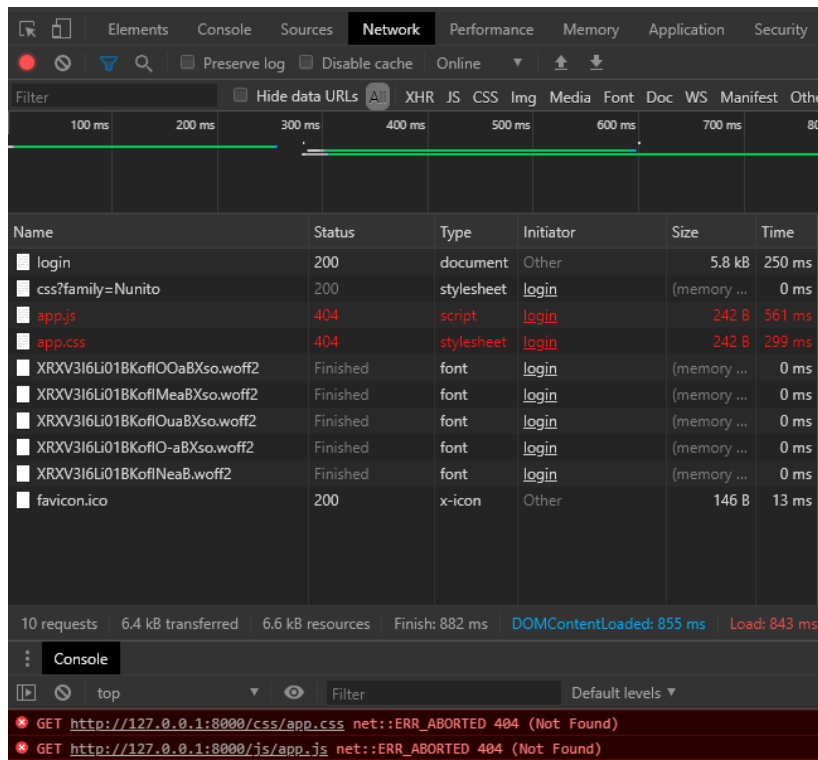
Login

E-Mail Address

Password

☐ Remember Me

[Login](#) [Forgot Your Password?](#)



Wpisz w konsoli:

```

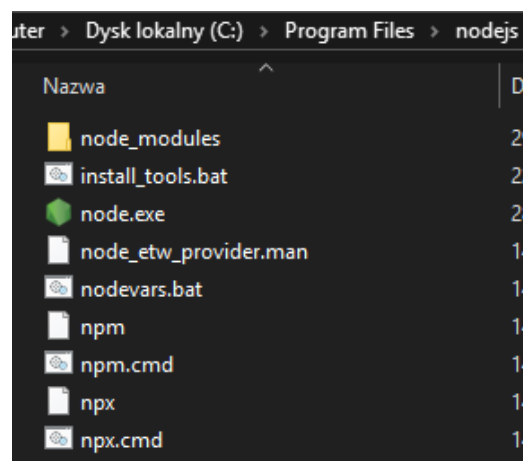
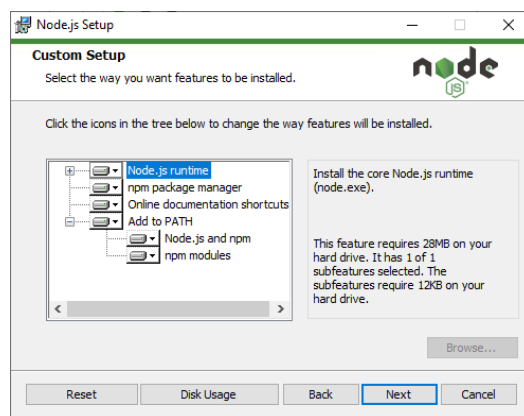
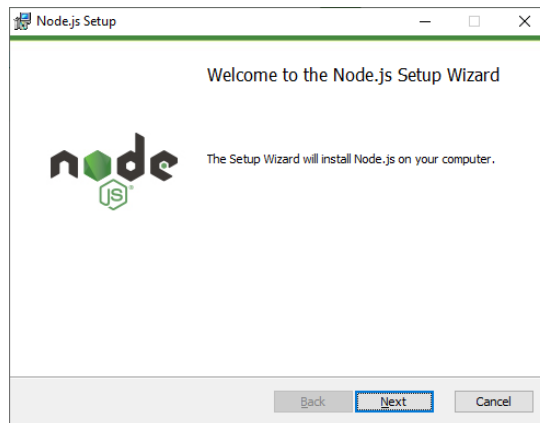
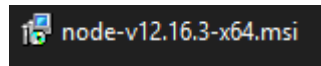
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>npm install && npm run dev
'npm' is not recognized as an internal or external command,
operable program or batch file.
  
```

Npm (manager pakietów) **npm** – domyślny manager pakietów dla środowiska **Node.js**, może być także używany do zarządzania warstwą front-end aplikacji WWW.

W przypadku błędu powyżej pobierz ze strony następujący plik:

The screenshot shows the Node.js download page. The navigation bar includes links for HOME, ABOUT, DOWNLOADS, DOCS, GET INVOLVED, SECURITY, and NEWS. The main heading is "Downloads". Below it, it says "Latest LTS Version: 12.16.3 (includes npm 6.14.4)". A paragraph encourages downloading the source code or a pre-built installer. The page features two main sections: "LTS Recommended For Most Users" and "Current Latest Features". Under the LTS section, there are three options: "Windows Installer" (node-v12.16.3-x84.msi), "macOS Installer" (node-v12.16.3.pkg), and "Source Code" (node-v12.16.3.tar.gz).

Zainstaluj plik:



Sprawdzenie [node.js](#) (błąd):

```
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>node
'node' is not recognized as an internal or external command,
operable program or batch file.

C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>
```

```
C:\> Administrator: Wiersz polecenia

Microsoft Windows [Version 10.0.17763.194]
(c) 2018 Microsoft Corporation. Wszelkie prawa zastrzeżone.

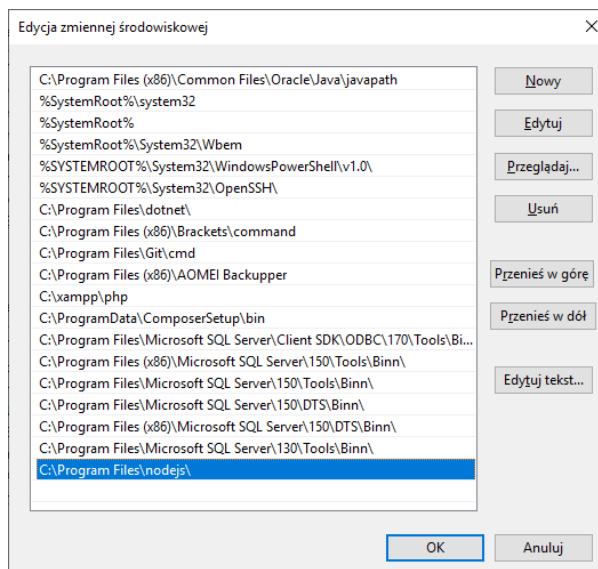
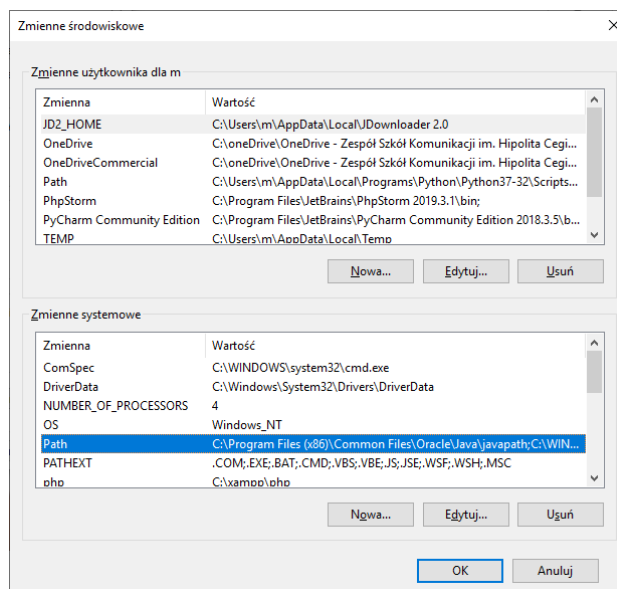
C:\WINDOWS\system32>cd C:\Program Files\nodejs

C:\Program Files\nodejs>node -v
v12.16.3

C:\Program Files\nodejs>npm -v
6.14.4
```

```
C:\Program Files\nodejs>node
Welcome to Node.js v12.16.3.
Type ".help" for more information.
> 2 + 3
5
```

Sprawdź zmienne środowiskowe:



Pamiętaj, aby zrestartować konsolę!

```
Administrator: Wiersz polecenia
Microsoft Windows [Version 10.0.17763.194]
(c) 2018 Microsoft Corporation. Wszelkie prawa zastrzeżone.

C:\WINDOWS\system32>node -v
v12.16.3

C:\WINDOWS\system32>npm -v
6.14.4

C:\WINDOWS\system32>
```

Wpisz w konsoli następujące polecenie:

npm install && npm run dev

```
npm
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>npm install && npm run dev
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this package is dedicated to the
legacy v1
[.....] / loadDep:lodash: sill resolveWithNewModule bootstrap@4.4.1 checking installable status
```

```
Administrator: Wiersz polecenia
DONE Compiled successfully in 9826ms 22:09:17

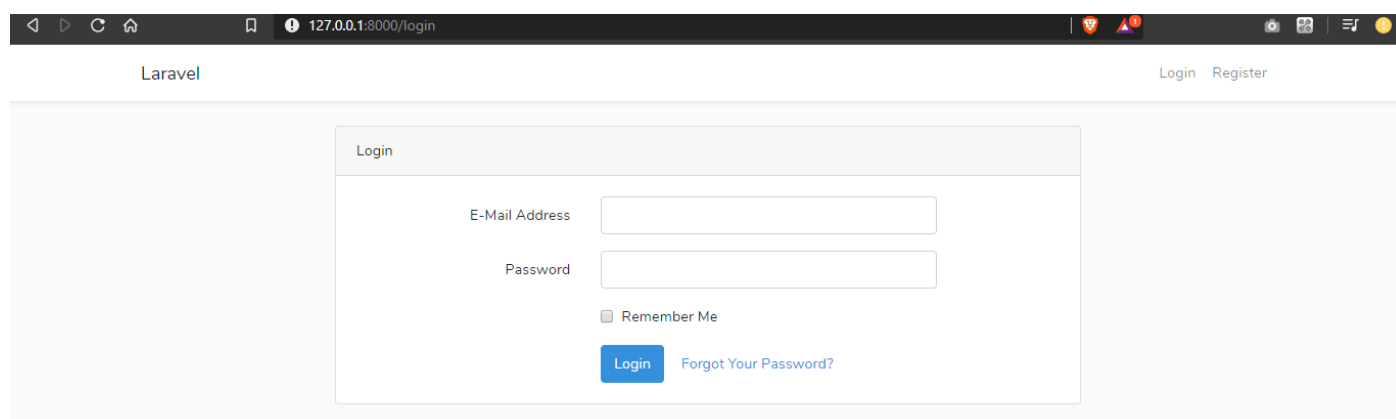
Asset      Size  Chunks             Chunk Names
/css/app.css 177 KiB /js/app [emitted] /js/app
/js/app.js  1.4 MiB /js/app [emitted] /js/app
```

Uruchom serwer artisan:

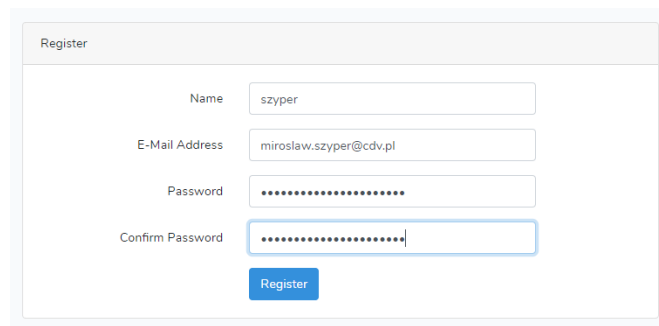
```
Administrator: Wiersz polecenia - php artisan serve
DONE Compiled successfully in 9826ms 22:09:17

Asset      Size  Chunks             Chunk Names
/css/app.css 177 KiB /js/app [emitted] /js/app
/js/app.js  1.4 MiB /js/app [emitted] /js/app

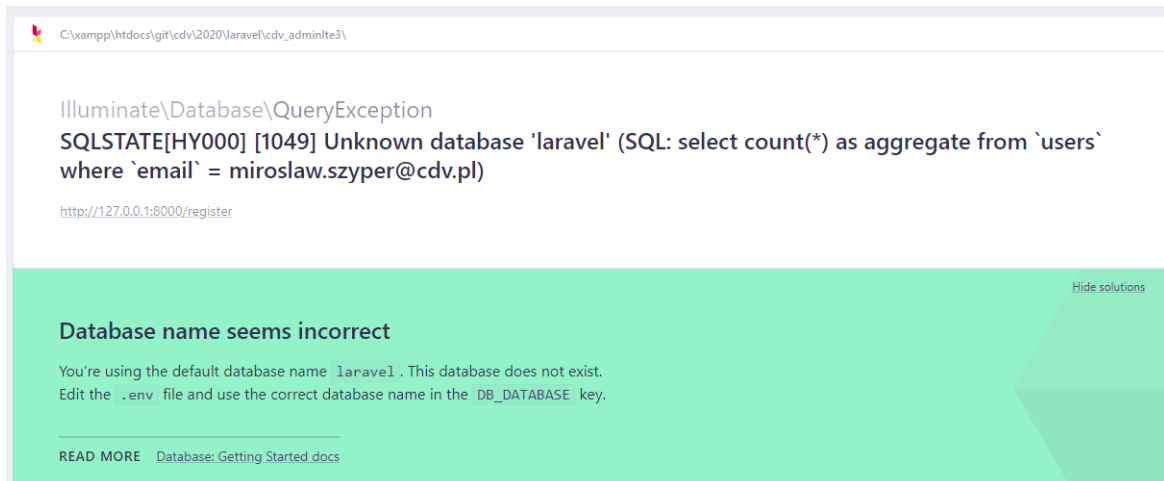
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Wed Apr 29 22:15:49 2020] 127.0.0.1:62418 [200]: /css/app.css
[Wed Apr 29 22:15:49 2020] 127.0.0.1:62419 [200]: /js/app.js
[Wed Apr 29 22:15:49 2020] 127.0.0.1:62422 [200]: /favicon.ico
```



Sprawdzenie logowania (rejestracja):



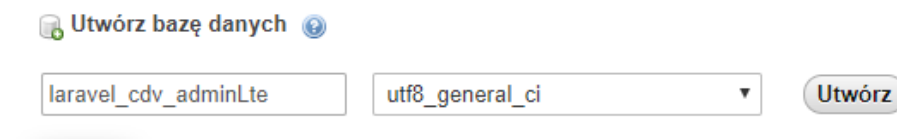
A screenshot of a web registration form titled "Register". It contains four input fields: "Name" with the value "szyper", "E-Mail Address" with "mirosław.szyper@cdv.pl", "Password" with masked characters, and "Confirm Password" with masked characters. A blue "Register" button is at the bottom right.



Naprawa błędów:

Dodanie nowej bazy danych:

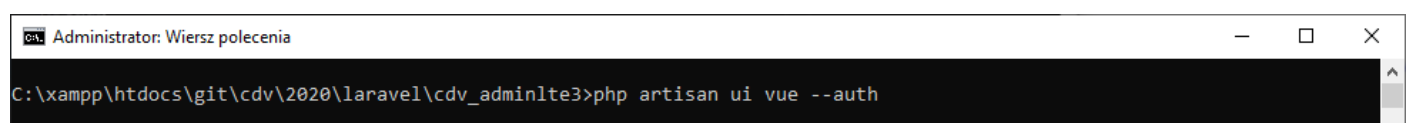
Bazy danych



A screenshot of a database creation interface. It features a button "Utwórz bazę danych" with a question mark icon. Below it are two input fields: the first contains "laravel_cdv_adminLte" and the second contains "utf8_general_ci" with a dropdown arrow. To the right is a button "Utwórz".

Modyfikacja pliku .env:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=laravel_cdv_adminLte
DB_USERNAME=root
DB_PASSWORD=
```



```
Administrator: Wiersz polecenia - php artisan ui vue --auth

C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>php artisan ui vue --auth
Vue scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.

The [auth/login.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/passwords/confirm.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
>

The [auth/login.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/passwords/confirm.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/passwords/email.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/passwords/reset.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/register.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [auth/verify.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [home.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [layouts/app.blade.php] view already exists. Do you want to replace it? (yes/no) [no]:
> yes

The [HomeController.php] file already exists. Do you want to replace it? (yes/no) [no]:
> yes

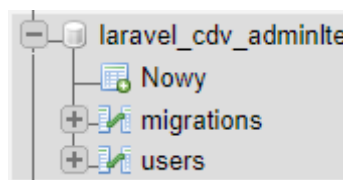
Authentication scaffolding generated successfully.
```

Wpisz polecenie w konsoli, aby utworzyć tabele w bazie danych:

```
php artisan migrate
```

```
Migrating: 2014_10_12_000000_create_users_table
```

Dodano tabele do bazy:



laravel_cdv_adminlte migrations
id : int(10) unsigned
migration : varchar(255)
batch : int(11)

laravel_cdv_adminlte users
id : bigint(20) unsigned
name : varchar(255)
email : varchar(255)
email_verified_at : timestamp
password : varchar(255)
remember_token : varchar(100)
created_at : timestamp
updated_at : timestamp

Wpisz w konsoli:

```
npm run dev
```

Błędy!

```
Administrator: Wiersz polecenia
> cross-env NODE_ENV=development node_modules/webpack/bin/webpack.js --progress --hide-modules --config=node_modules/lar
avel-mix/setup/webpack.config.js

'cross-env' is not recognized as an internal or external command,
operable program or batch file.
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! @ development: `cross-env NODE_ENV=development node_modules/webpack/bin/webpack.js --progress --hide-modules --
config=node_modules/laravel-mix/setup/webpack.config.js`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the @ development script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
npm WARN Local package.json exists, but node_modules missing, did you mean to install?

npm ERR! A complete log of this run can be found in:
npm ERR!     C:\Users\m\AppData\Roaming\npm-cache\_logs\2020-04-29T21_12_01_935Z-debug.log
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! @ dev: `npm run development`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the @ dev script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
npm WARN Local package.json exists, but node_modules missing, did you mean to install?

npm ERR! A complete log of this run can be found in:
npm ERR!     C:\Users\m\AppData\Roaming\npm-cache\_logs\2020-04-29T21_12_01_967Z-debug.log
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>
```

Naprawa błędów:

```
npm install cross-env
```

```
Administrator: Wiersz polecenia
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>npm install cross-env
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.12 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.12: wanted {"os":"darwin","arch":"an
y"} (current: {"os":"win32","arch":"x64"})

+ cross-env@7.0.2
added 1072 packages from 493 contributors and audited 17954 packages in 42.201s

36 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

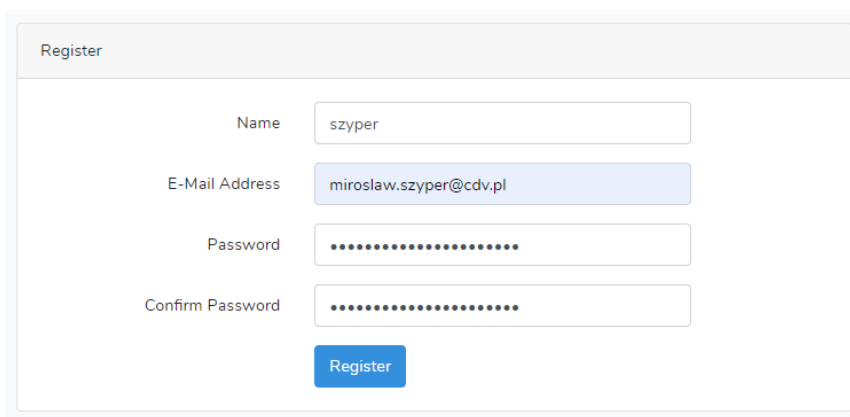
C:\xampp\htdocs\git\cdv\2020\laravel\cdv_adminlte3>
```

```
npm run dev
```

```
Administrator: Wiersz polecenia
DONE Compiled successfully in 9767ms 23:18:24

  Asset      Size  Chunks             Chunk Names
/css/app.css 177 KiB  /js/app  [emitted]  /js/app
/js/app.js   1.4 MiB  /js/app  [emitted]  /js/app
```

Uruchom serwer artisan a następnie zarejestruj użytkownika:



The screenshot shows a 'Register' form with the following fields: Name (szyper), E-Mail Address (mirosław.szyper@cdv.pl), Password (masked with dots), and Confirm Password (masked with dots). A blue 'Register' button is at the bottom.

Prawidłowa rejestracja:

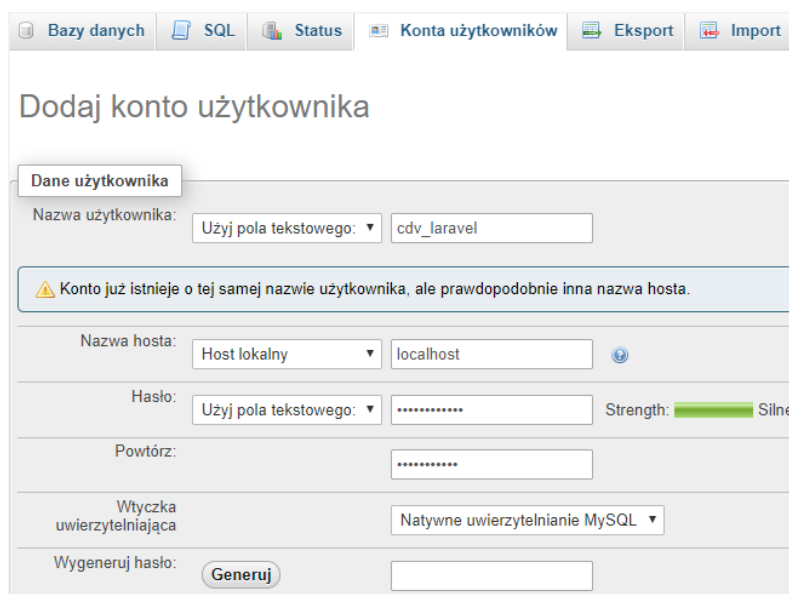


Zawartość tabeli `users` po prawidłowej rejestracji użytkownika:

	id	name	email	email_verified_at	password
	1	szyper	mirosław.szyper@cdv.pl	NULL	\$2y\$10\$ETS28EGHyLgUlb7aPzPHUOuNrtOC3kQYQyrV94.mzpD...

```
php artisan migrate:fresh
```

Dodanie nowego użytkownika do bazy danych za pomocą, którego można się połączyć z bazą:



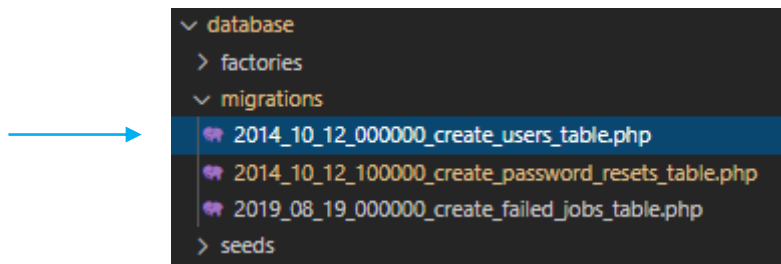
The screenshot shows a web interface for adding a new user account. The title is 'Dodaj konto użytkownika'. There are tabs for 'Bazy danych', 'SQL', 'Status', 'Konta użytkowników', 'Eksport', and 'Import'. The 'Konta użytkowników' tab is active. The form has the following sections: 'Dane użytkownika' with a 'Nazwa użytkownika' field (cdv_laravel), a warning message 'Konto już istnieje o tej samej nazwie użytkownika, ale prawdopodobnie inna nazwa hosta.', 'Nazwa hosta' field (localhost), 'Hasło' field (masked) with a strength indicator 'Strength: Silne', 'Powtórz' field (masked), 'Wtyczka uwierzytelniająca' dropdown (Natywne uwierzytelnianie MySQL), and a 'Wygeneruj hasło' button.

Solution

Usuń tabele z bazy danych laravel_cdv_adminlte

Zmień długości pola email podczas tworzenia oraz resetowania pola email w pliku:

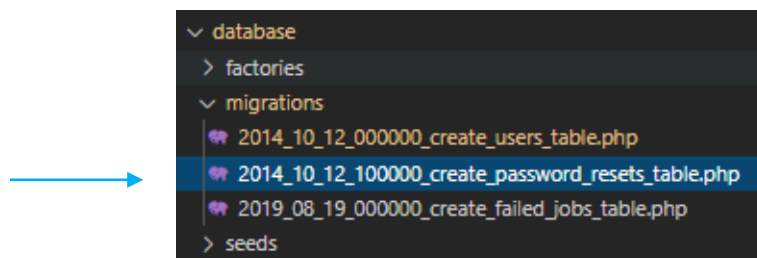
- `\database\migrations\2014_10_12_000000_create_users_table.php`



```
public function up()
{
    Schema::create('users', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->string('email',100)->unique();
        $table->timestamp('email_verified_at')->nullable();
        $table->string('password');
        $table->rememberToken();
        $table->timestamps();
    });
}
```

A diagram illustrating the change in the email field definition. It shows two lines of code. The first line is `$table->string('email')->unique();` and the second line is `$table->string('email',100)->unique();`. A blue arrow points from the first line to the second line, indicating the change. Another blue arrow points from the second line up to the code block above.

- `\database\migrations\2014_10_12_100000_create_password_resets_table.php`



```
public function up()
{
    Schema::create('password_resets', function (Blueprint $table) {
        $table->string('email',100)->index();
        $table->string('token');
        $table->timestamp('created_at')->nullable();
    });
}
```

A diagram illustrating the change in the email field definition. It shows a single line of code: `$table->string('email',100)->index();`. A blue arrow points from this line up to the code block above.

Wpisz ponownie polecenie w konsoli:

```
php artisan migrate
```

```
Migration table created successfully.  
Migrating: 2014_10_12_000000_create_users_table  
Migrated: 2014_10_12_000000_create_users_table (0.08 seconds)  
Migrating: 2014_10_12_100000_create_password_resets_table  
Migrated: 2014_10_12_100000_create_password_resets_table (0.07 seconds)  
Migrating: 2019_08_19_000000_create_failed_jobs_table  
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.03 seconds)
```

W bazie danych zostaną utworzone następujące tabele:

cdv_laravel_niest users <ul style="list-style-type: none">id : bigint(20) unsignedname : varchar(255)email : varchar(100)email_verified_at : timestamppassword : varchar(255)remember_token : varchar(100)created_at : timestampupdated_at : timestamp	cdv_laravel_niest failed_jobs <ul style="list-style-type: none">id : bigint(20) unsignedconnection : textqueue : textpayload : longtextexception : longtextfailed_at : timestamp
cdv_laravel_niest password_resets <ul style="list-style-type: none">email : varchar(100)token : varchar(255)created_at : timestamp	cdv_laravel_niest migrations <ul style="list-style-type: none">id : int(10) unsignedmigration : varchar(255)batch : int(11)