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Laravel Authentication Tutorial [Login, Logout, Register, Forgot Password & Remember Me Functionality]

By [tgugnani](#) [Laravel](#) [6 Comments](#)



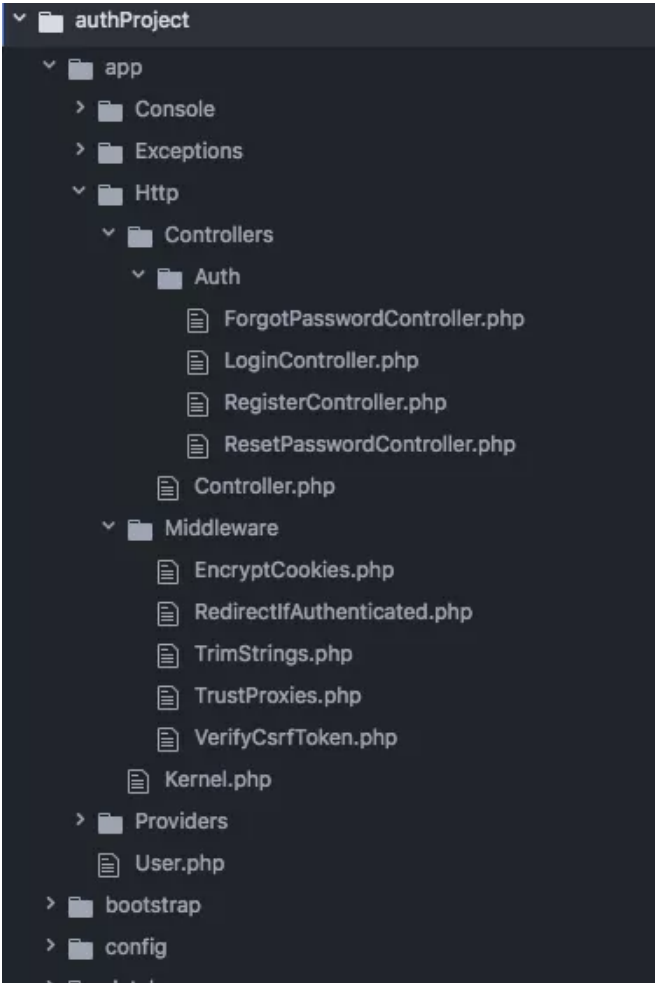
Laravel framework comes with an out of box working authentication functionality for your application that includes Login, Logout, Register, Forgot Password and Remember me functions.Laravel authentication tutorial shows you how you can enable the functionality in your application.

Requirements

- Working Laravel Framework (I am using Laravel 5.5)
- MySQL with database created to be used by your application.
- Configuration changes in .env file to set database properties.

STEP 1 : LARAVEL INSTALLATION

Make sure you have a working Laravel application on your machine. Also you have configured your .env file as per the database you are using. Once you have installed laravel. It should have the following folder structure.



As you can see Laravel application already have some classes that are specific to the Authentication functionality. Controller that are specific to the authentication module are under app > Controllers > Auth

STEP 2 : RUN MAKE:AUTH COMMAND

On your project root directory run following command.
php artisan make:auth



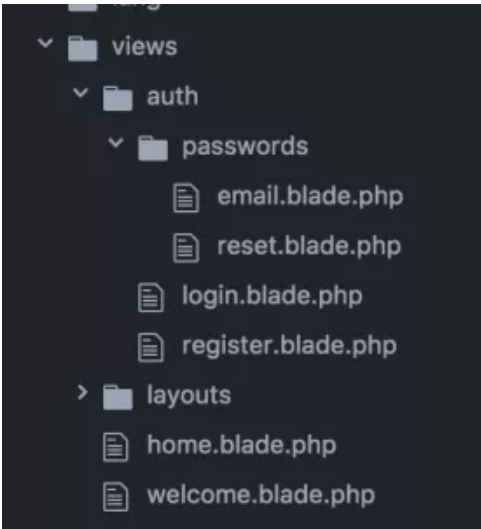


```
5
6 // Registration Routes...
7 $this->get('register', 'Auth\RegisterController@showRegistrationForm')->name('register');
8 $this->post('register', 'Auth\RegisterController@register');
9 // Password Reset Routes...
10 $this->get('password/reset', 'Auth\ForgotPasswordController@showLinkRequestForm')->name('password.reset');
11 $this->post('password/email', 'Auth\ForgotPasswordController@sendResetLinkEmail')->name('password.email');
12 $this->get('password/reset/{token}', 'Auth\ResetPasswordController@showResetForm')->name('password.reset');
13 $this->post('password/reset', 'Auth\ResetPasswordController@reset');
14
```

This command will create a `HomeController.php` file under `app > Http > Controllers` which is a basic controller and makes use of auth middleware to protect it's functions to be accessed without being logged in.

```
1
2 public function __construct()
3 {
4     $this->middleware('auth');
5 }
6
```

You can also see the view files generated by this command.



STEP 3 : RUN MIGRATE COMMAND

Next, we need to run the migrate command to create the tables required for authentication. Run the following command on project Root in your terminal.

php artisan migrate

```
[MacBook-Pro-2:authProject tgugnani$ php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
```

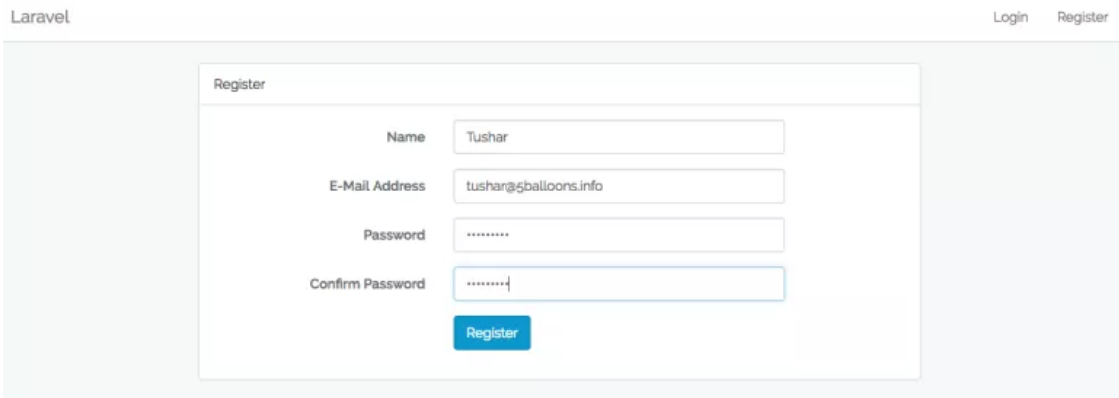
Once completed, it should create following tables in your database.

| Table | Action | Rows | Type | Collation | Size | Overhead |
|--|--|------|--------|--------------------|--------|----------|
| <input type="checkbox"/> migrations | Browse Structure Search Insert Empty Drop | 2 | InnoDB | utf8mb4_unicode_ci | 16 Kib | - |
| <input type="checkbox"/> password_resets | Browse Structure Search Insert Empty Drop | 0 | InnoDB | utf8mb4_unicode_ci | 16 Kib | - |
| <input type="checkbox"/> users | Browse Structure Search Insert Empty Drop | 0 | InnoDB | utf8mb4_unicode_ci | 16 Kib | - |
| 3 tables | Sum | 2 | InnoDB | latin1_swedish_ci | 48 Kib | 0 B |

That's It, Only these steps are required to enable the out of box authentication module provided by Laravel framework.

STEP 4 : TEST

Let's test the authentication to see if everything is working fine. Open `/register` page in your laravel application and you should see the following page.



Click on the **Register** button and it should create a entry into the **users** table with Hashed Password and a unique remember_token. You can now login into application by going to `/login` page.



This is out of the box authentication functionality provided by Laravel and should fit most of the applications. However there might be need for customisation and Laravel authentication module if highly customisable as per needs.Great Job on Learning to Implement the Laravel's Out of Box Authentication Functionality. Once you have the basic authentication ready on your application. You might find the following tutorials useful.

- [Tutorial – Simple CRUD Operations in Laravel 5.5](#)
- [Change Password Functionality with Laravel 5.5 Authentication](#)
- [Send Email on Registration with Laravel 5.5 Authentication](#)
- [Email Verification and account activation after Registration with Laravel 5.5 Authentication](#)

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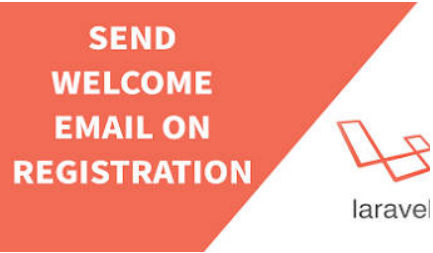
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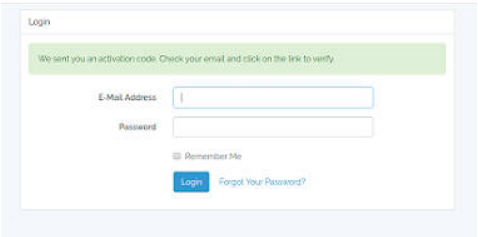
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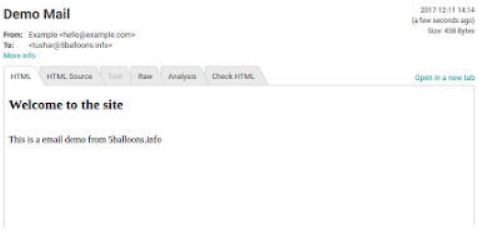
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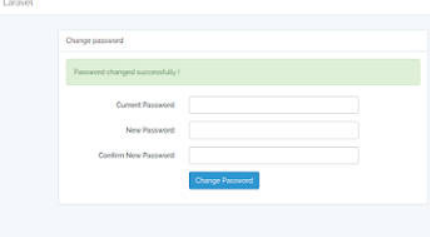
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Laravel 5.5 Send Email Example

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Change Password Functionality with Laravel Authentication

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Comments (6)



Nibin
Really helped me, tnxx

Reply

January 26, 2018 at 3:13 pm



Mattieu
It would be nice if you can customize the tutorial

Reply

March 27, 2018 at 11:56 pm



tgugnani
Mattieu,
How do you want the tutorial to be customized?

Reply

March 28, 2018 at 10:05 am



Bernard Ben
Nice one, it really help me alot.

Reply

May 10, 2018 at 7:14 am



bilal

Reply