**Creating Roles**

[**https://medium.com/@ezp127/laravel-5-4-native-user-authentication-role-authorization-3dbae4049c8a**](https://medium.com/@ezp127/laravel-5-4-native-user-authentication-role-authorization-3dbae4049c8a)

1. Create the **Role** model and respective migration (-m parameter):
   1. php artisan make:model Role –m
2. Edit **CreateRolesTable** class in the migrations folder:
   1. public function up()  
      {  
       Schema::create(‘roles’, function (Blueprint $table) {  
       $table->increments(‘id’);  
       $table->string(‘name’);  
       $table->string(‘description’);  
       $table->timestamps();  
       });  
      }
   2. public function down()  
      {  
       Schema::dropIfExists(‘roles’);  
      }
3. Create a new migration for the **role\_user** pivot table :
   1. php artisan make:migration create\_role\_user\_table
4. Now let’s provide a many-to-many relationship between **User** and **Role**. Open **User** model and add the following method:
   1. public function roles()  
      {  
       return $this->belongsToMany(Role::class);  
      }

Do the same with **Role** model:  
public function users()  
{  
 return $this->belongsToMany(User::class);  
}

1. It’s time to create some seeders to add roles and users in the database:
   1. $ php artisan make:seeder RoleTableSeeder
   2. $ php artisan make:seeder UserTableSeeder
2. Edit **RoleTableSeeder** class (database/seeds/ folder) adding the following code in **run()** method:

use Illuminate\Database\Seeder;  
**use App\Role;**

class RoleTableSeeder extends Seeder  
{  
 public function run()  
 {  
 $role\_employee = new Role();  
 $role\_employee->name = ‘employee’;  
 $role\_employee->description = ‘A Employee User’;  
 $role\_employee->save();

$role\_manager = new Role();  
 $role\_manager->name = ‘manager’;  
 $role\_manager->description = ‘A Manager User’;  
 $role\_manager->save();  
 }  
}

Do the same with **UserTableSeeder** class:

use Illuminate\Database\Seeder;  
**use App\User;  
use App\Role;**

class UserTableSeeder extends Seeder  
{  
 public function run()  
 {  
 **$role\_employee** = Role::where(‘name’, ‘employee’)->first();  
 **$role\_manager** = Role::where(‘name’, ‘manager’)->first();

$employee = new User();  
 $employee->name = ‘Employee Name’;  
 $employee->email = ‘[employee@example.com](mailto:user@componeto.com.br)’;  
 $employee->password = bcrypt(‘secret’);  
 $employee->save();  
 **$employee->roles()->attach($role\_employee);**

$manager = new User();  
 $manager->name = ‘Manager Name’;  
 $manager->email = ‘[manager@example.com](mailto:manager@componeto.com.br)’;  
 $manager->password = bcrypt(‘secret’);  
 $manager->save();  
 **$manager->roles()->attach($role\_manager);**  
 }  
}

Edit **DatabaseSeeder** class (database/seeds/ folder) adding the following code in **run()** method:

public function run()  
{  
 // Role comes before User seeder here.  
 **$this->call(RoleTableSeeder::class);**  
 // User seeder will use the roles above created.  
 **$this->call(UserTableSeeder::class);**  
}