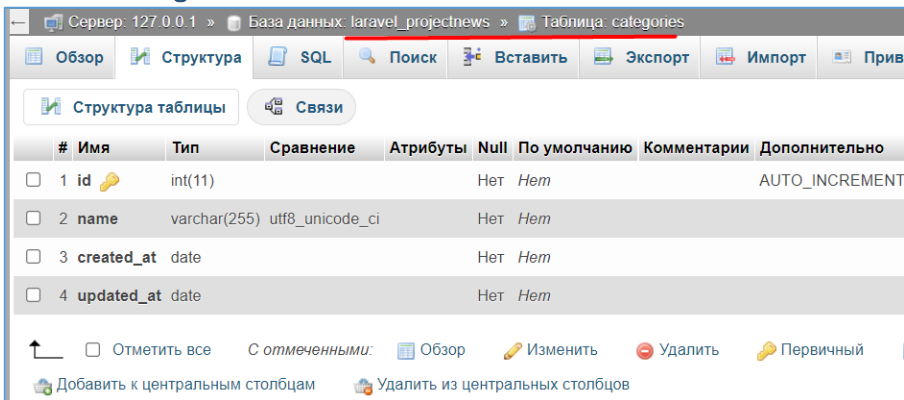


Проект Laravel ProjectNews

Часть 5. CategoryList CRUD - 2

DB table Categories

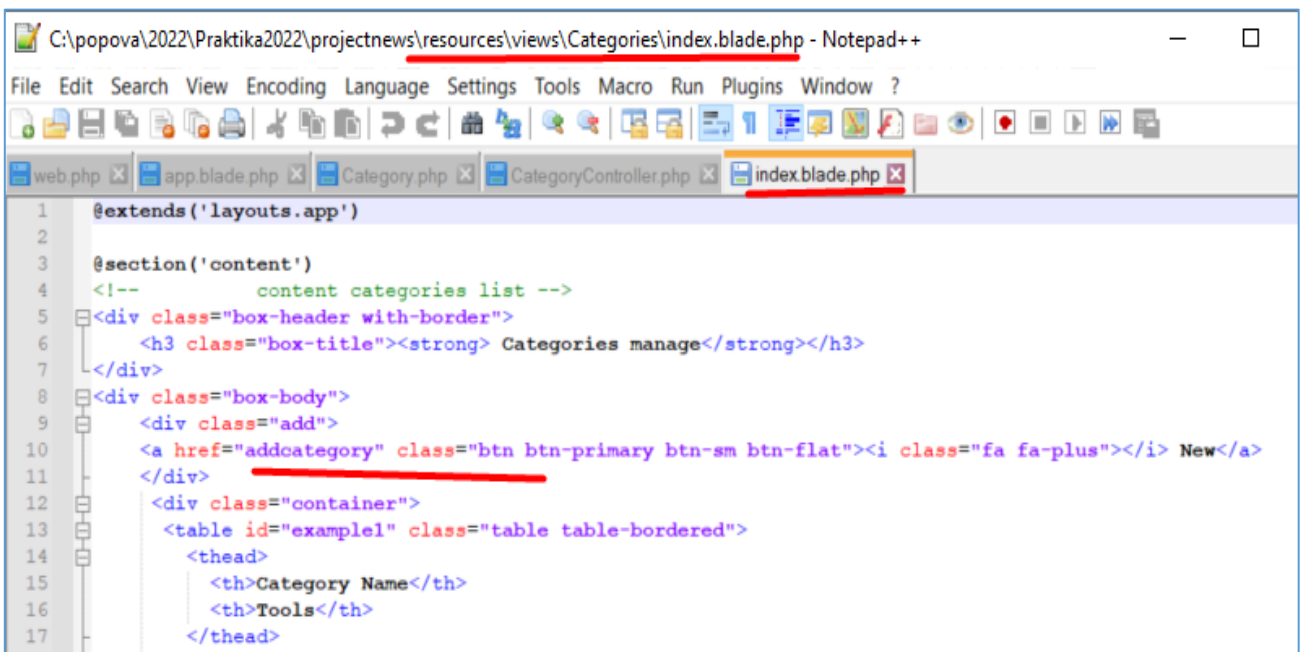


Сервер: 127.0.0.1 » База данных: laravel_projectnews » Таблица: categories

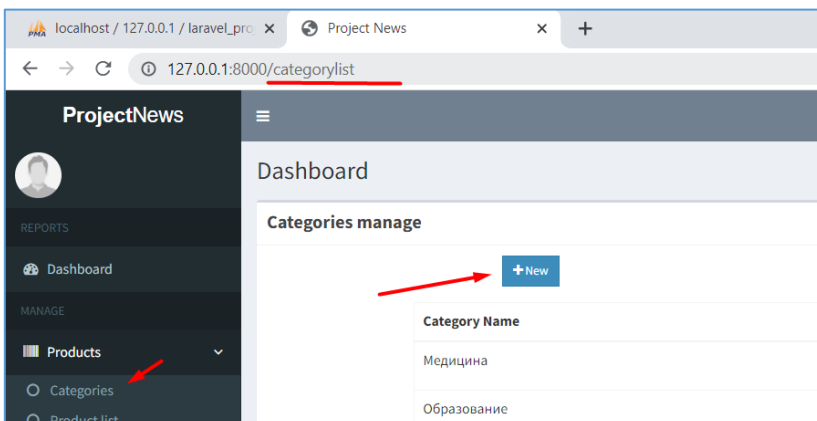
#	Имя	Тип	Сравнение	Атрибуты	Null	По умолчанию	Комментарии	Дополнительно
1	id	int(11)			Нет	Нет		AUTO_INCREMENT
2	name	varchar(255)	utf8_unicode_ci		Нет	Нет		
3	created_at	date			Нет	Нет		
4	updated_at	date			Нет	Нет		

A. Добавить категорию

Ссылка на маршрут **addcategory** в файле **resources/views/Categories/index.blade.php**



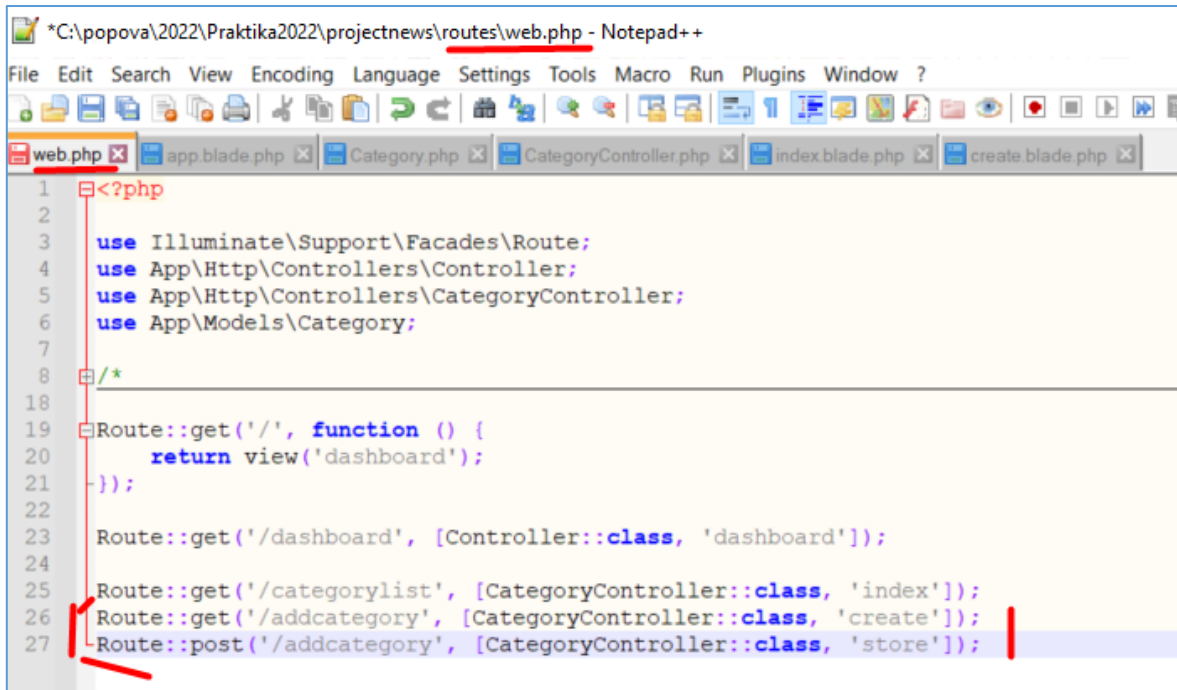
```
1 @extends('layouts.app')
2
3 @section('content')
4 <!-- content categories list -->
5 <div class="box-header with-border">
6   <h3 class="box-title"><strong> Categories manage</strong></h3>
7 </div>
8 <div class="box-body">
9   <div class="add">
10    <a href="addcategory" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>
11  </div>
12  <div class="container">
13    <table id="example1" class="table table-bordered">
14      <thead>
15        <th>Category Name</th>
16        <th>Tools</th>
17      </thead>
```



Создать файл `resources/views/Categories/create.blade.php`

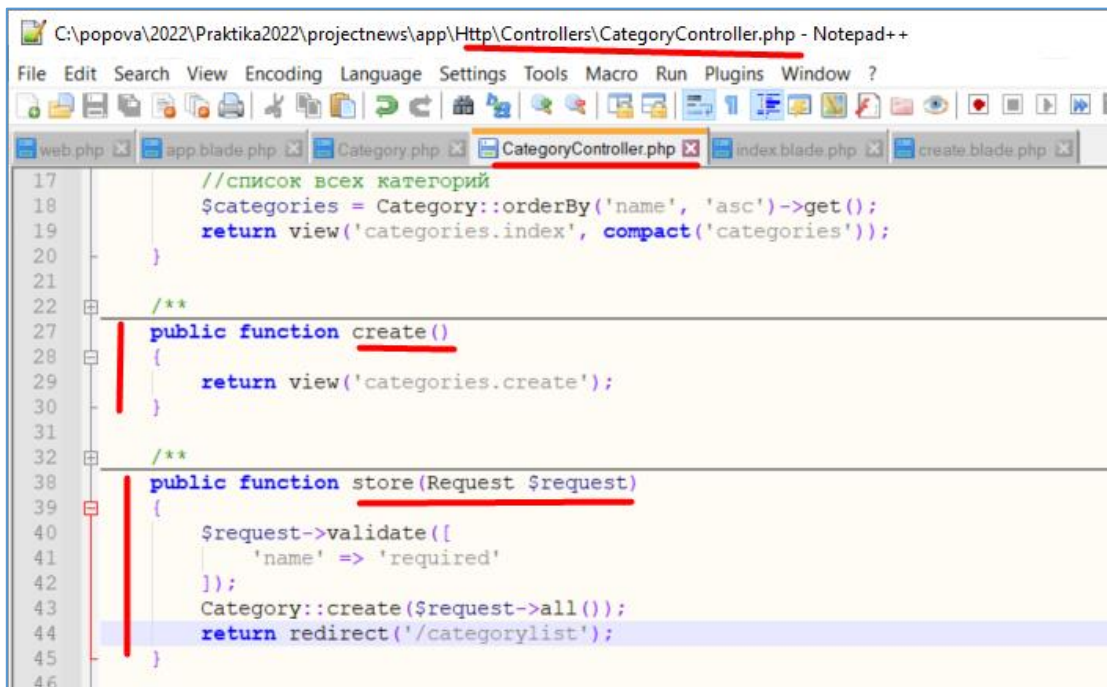
```
C:\popova\2022\Praktika2022\projectnews\resources\views\CATEGORIES\create.blade.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php app.blade.php Category.php CategoryController.php index.blade.php create.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4     <!-- content categories list -->
5     <div class="box-header with-border">
6         <h3 class="box-title"><strong> Categories manage - Add</strong></h3>
7     </div>
8     <div class="box-body">
9         <div class="add">
10             <a href="categorylist" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-backward"></i> Back</a>
11         </div>
12         <div class="container">
13             <!-- Display Validation Errors -->
14             @include('common.errors')
15             <!-- New Category Form -->
16             <form action="{{ url('addcategory') }}" method="POST" class="form-horizontal">
17                 {{ csrf_field() }}
18
19                 <!-- Category Name -->
20                 <div class="form-group">
21                     <label for="task-name" class="col-sm-3 control-label">Category</label>
22
23                     <div class="col-sm-6">
24                         <input type="text" name="name" id="category-name" class="form-control" value="">
25                     </div>
26                 </div>
27
28                 <!-- Add Category Button -->
29                 <div class="form-group">
30                     <div class="col-sm-offset-3 col-sm-6">
31                         <button type="submit" class="btn btn-default">
32                             <i class="fa fa-btn fa-plus"></i> Add Category
33                         </button>
34                     </div>
35                 </div>
36             </form>
37
38         </div>
39     </div>
40 @endsection
41
```

1. Файл `routes/web.php`



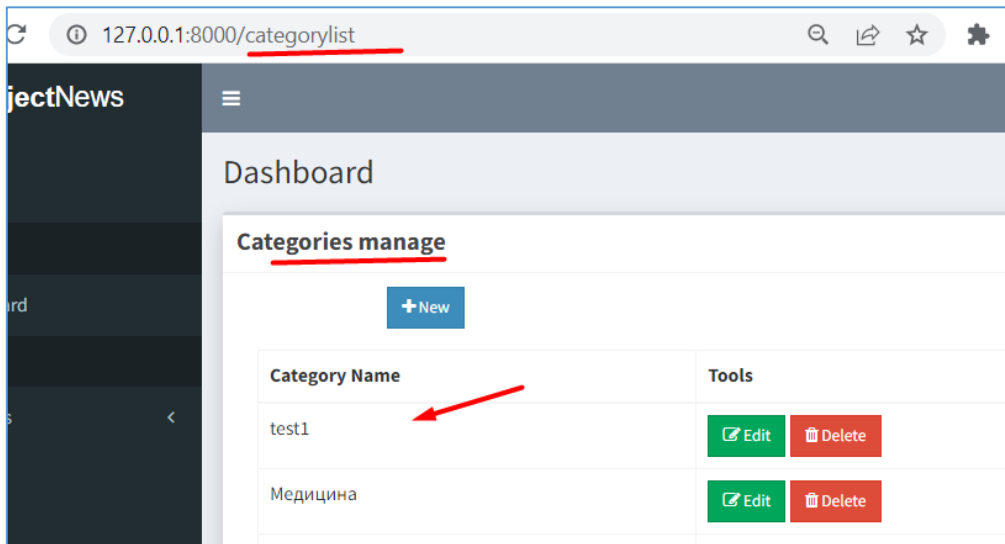
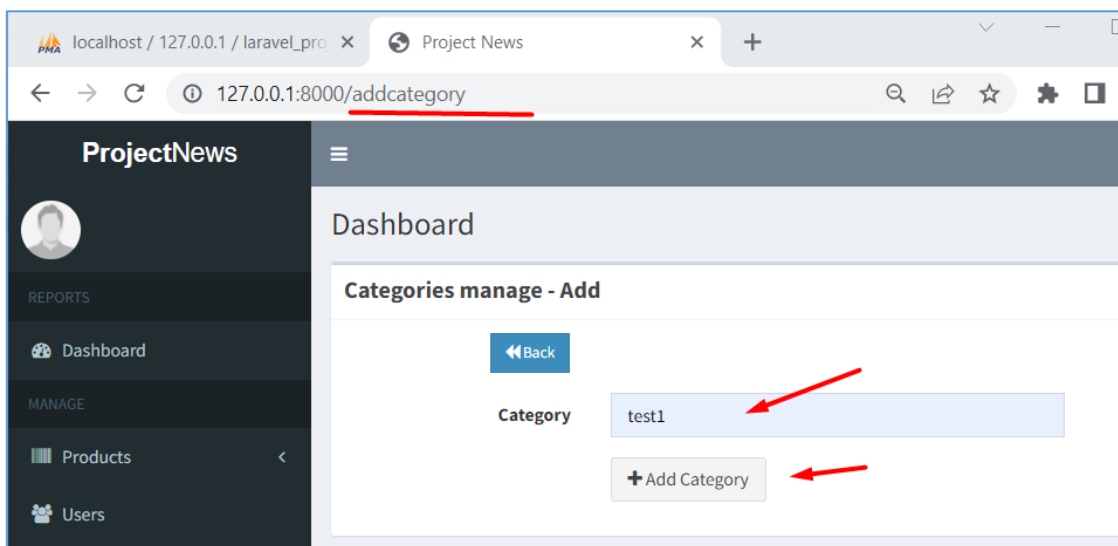
```
*C:\popova\2022\Praktika2022\projectnews\routes\web.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php app.blade.php Category.php CategoryController.php index.blade.php create.blade.php
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\Controller;
5 use App\Http\Controllers\CategoryController;
6 use App\Models\Category;
7
8 /*
18
19 Route::get('/', function () {
20     return view('dashboard');
21 });
22
23 Route::get('/dashboard', [Controller::class, 'dashboard']);
24
25 Route::get('/categorylist', [CategoryController::class, 'index']);
26 Route::get('/addcategory', [CategoryController::class, 'create']);
27 Route::post('/addcategory', [CategoryController::class, 'store']);
```

2. Файл `app/Http/Controllers/CategoryController.php` метод `create` – показать форму `add`
метод `store` – обработка формы `add` -добавление записи



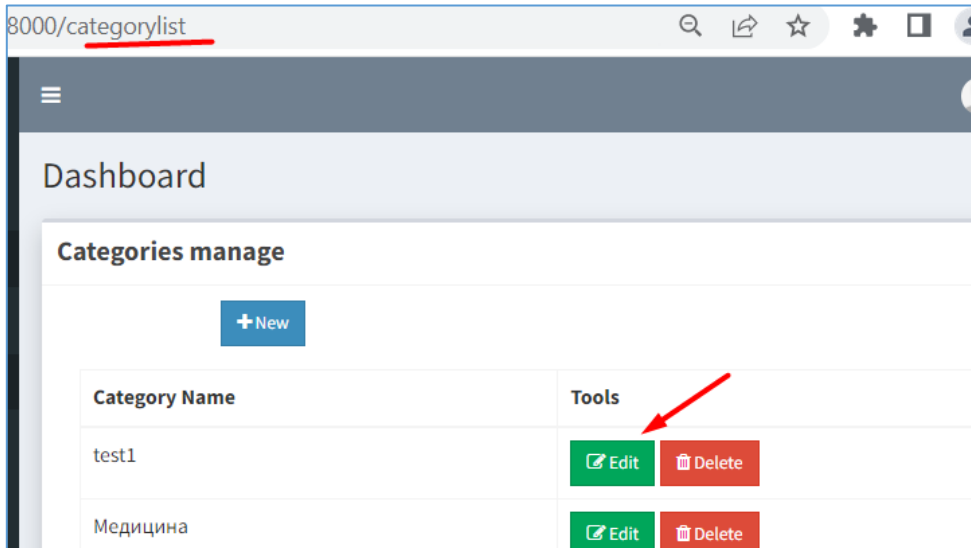
```
C:\popova\2022\Praktika2022\projectnews\app\Http\Controllers\CategoryController.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php app.blade.php Category.php CategoryController.php index.blade.php create.blade.php
17 //список всех категорий
18 $categories = Category::orderBy('name', 'asc')->get();
19 return view('categories.index', compact('categories'));
20 }
21
22 /**
27 public function create()
28 {
29     return view('categories.create');
30 }
31
32 /**
38 public function store(Request $request)
39 {
40     $request->validate([
41         'name' => 'required'
42     ]);
43     Category::create($request->all());
44     return redirect('/categorylist');
45 }
46
```

Результат:



В. Редактирование записи о категории - EDIT CATEGORY

```
C:\popova\2022\Praktika2022\projectnews\resources\views\Categories\index.blade.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php app.blade.php Category.php CategoryController.php index.blade.php create.blade.php
15 <th>Category Name</th>
16 <th>Tools</th>
17 </thead>
18 <tbody>
19     @foreach ($categories as $category)
20     <tr>
21         <td>{{ $category->name }}</td>
22         <td>
23             <!-- форма отправит на маршрут удаления записи -->
24             <form action="{{ url('deletecategory/' . $category->id) }}" method="POST">
25                 {{ csrf_field() }}
26                 {{ method_field('DELETE') }}
27             <!-- ссылка на маршрут редактирования -->
28             <a href="{{ url('editcategory/' . $category->id) }}" title="edit" type=
                "button" class="btn btn-success btn-sm edit btn-flat"><i class="fa fa-edit"
                ></i> Edit
                </a>
29             <button type="submit" class="btn btn-danger btn-sm delete btn-flat" >
30                 <i class="fa fa-trash"></i> Delete</button>
31             </form>
32         </td>
33     </tr>
34 @endforeach
35
```



3. Создать файл `resources/views/Categories/edit.blade.php` Редактирование записи

```
C:\popova\2022\Praktika2022\projectnews\resources\views\CATEGORIES\edit.blade.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

web.php x edit.blade.php x Category.php x CategoryController.php x index.blade.php x create.blade.php x

1 @extends('layouts.app')
2 @section('content')
3 <!-- content categories -->
4 <div class="box-header with-border">
5   <h3 class="box-title"><strong> Categories manage - Edit</strong></h3>
6 </div>
7 <div class="box-body">
8   <div class="add">
9     <a href="/categorylist" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-backward"></i> Back</a>
10  </div>
11   <div class="container">
12     <!-- Display Validation Errors -->
13     @include('common.errors')
14     <!-- Category EditForm -->
15     <form action="{{url('editcategory/' . $category->id)}}" method="POST" class="form-horizontal">
16       @csrf
17       <!-- Category Name -->
18       <div class="form-group">
19         <label for="category-name" class="col-sm-3 control-label">Category name</label>
20         <div class="col-sm-6">
21           <input type="text" name="name" value="{{ $category->name }}" class="form-control" placeholder="Category name">
22         </div>
23       </div>
24       <div class="form-group">
25         <div class="col-sm-offset-3 col-sm-6">
26           <button type="submit" class="btn btn-default">
27             <i class="fa fa-btn fa-edit"></i> Update Category
28           </button>
29         </div>
30       </div>
31     </form>
32   </div>
33 </div>
34 @endsection
```

4. Файл `routes/web.php`

```
C:\popova\2022\Praktika2022\projectnews\routes\web.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php x edit.blade.php x Category.php x CategoryController.php x index.blade.php x create.blade.php x
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\Controller;
5 use App\Http\Controllers\CategoryController;
6 use App\Models\Category;
7
8 /*
18
19 Route::get('/', function () {
20     return view('dashboard');
21 });
22
23 Route::get('/dashboard', [Controller::class, 'dashboard']);
24
25 Route::get('/categorylist', [CategoryController::class, 'index']);
26 Route::get('/addcategory', [CategoryController::class, 'create']);
27 Route::post('/addcategory', [CategoryController::class, 'store']);
28
29 Route::get('/editcategory/{category}', [CategoryController::class, 'edit']);
30 Route::post('/editcategory/{category}', [CategoryController::class, 'update']);
31
```

5. Файл `app/Http/Controllers/CategoryController.php` метод `edit(get)` – форма, `update(post)` – обработка. Параметр **Category \$category** – это **данные запроса**, переданные для заполнения формы `edit` для редактирования данных. **Запрос отдельно создавать не нужно**, только отправить все в представление

```
*C:\popova\2022\Praktika2022\projectnews\app\Http\Controllers\CategoryController.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
web.php x edit.blade.php x Category.php x CategoryController.php x index.blade.php x create.blade.php x
53 public function show(Category $category)
54 {
55     //
56 }
57
58 /**
64 public function edit(Category $category)
65 {
66     return view('categories.edit', compact('category'));
67 }
68
69 /**
76 public function update(Request $request, Category $category)
77 {
78     $request->validate([
79         'name' => 'required'
80     ]);
81     $category->update($request->all());
82
83     return redirect('/categorylist');
84 }
```


Результат:

Dashboard

Categories manage

+ New

Category Name	Tools
test1	Edit Delete
Медицина	Edit Delete

Categories manage - Edit

[Back](#)

Category name

[Update Category](#)

Categories manage - Edit

[Back](#)

Category name

[Update Category](#)

7.0.0.1:8000/categorylist

Dashboard

Categories manage

+ New

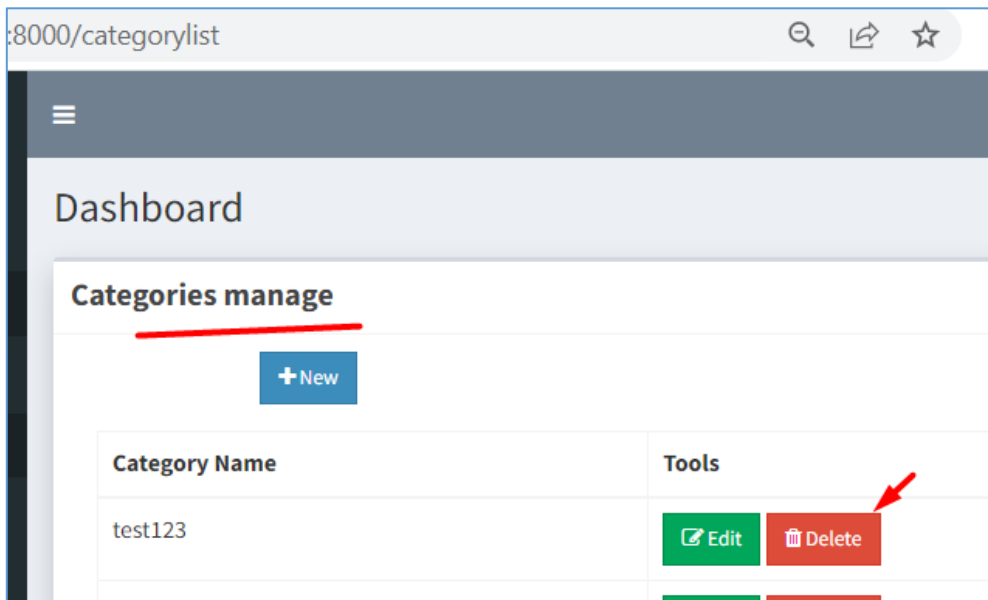
Category Name	Tools
test123	Edit Delete
Медицина	Edit Delete

C. Удаление записи о категории - DELETE CATEGORY

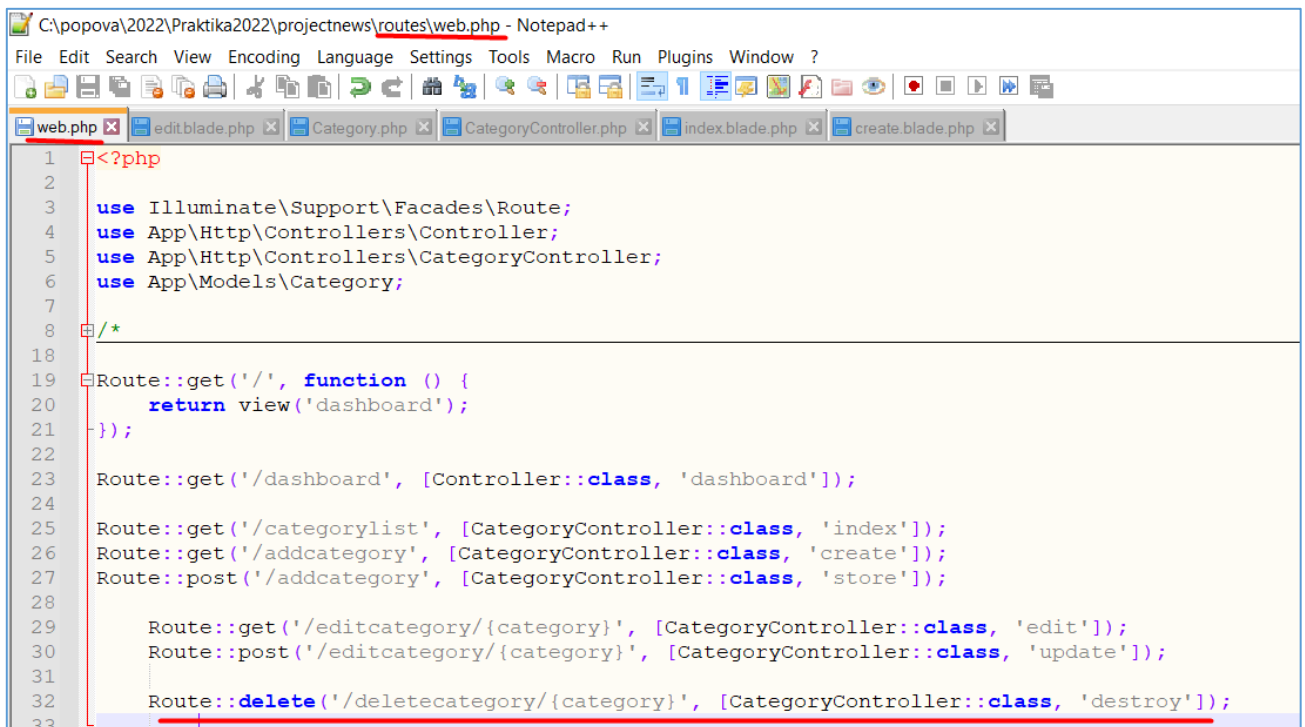
```
C:\popova\2022\Praktika2022\projectnews\resources\views\Categories\index.blade.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

web.php x edit.blade.php x Category.php x CategoryController.php x index.blade.php x create.blade.php x

15 <th>Category Name</th>
16 <th>Tools</th>
17 </thead>
18 <tbody>
19     @foreach ($categories as $category)
20         <tr>
21             <td>{{ $category->name }}</td>
22             <td>
23                 <!-- форма отправит на маршрут удаления записи -->
24                 <form action="{{ url('deletecategory/' . $category->id) }}" method="POST">
25                     {{ csrf_field() }}
26                     {{ method_field('DELETE') }}
27                 <!-- ссылка на маршрут редактирования -->
28                 <a href="{{ url('editcategory/' . $category->id) }}" title="edit" type="button"
29                     class="btn btn-sm btn-info edit"> Edit
30                 </a>
31                 <button type="submit" class="btn btn-danger btn-sm delete btn-flat" >
32                     <i class="fa fa-trash"></i> Delete</button>
33             </td>
34         </tr>
35     @endforeach
36 </tbody>
```

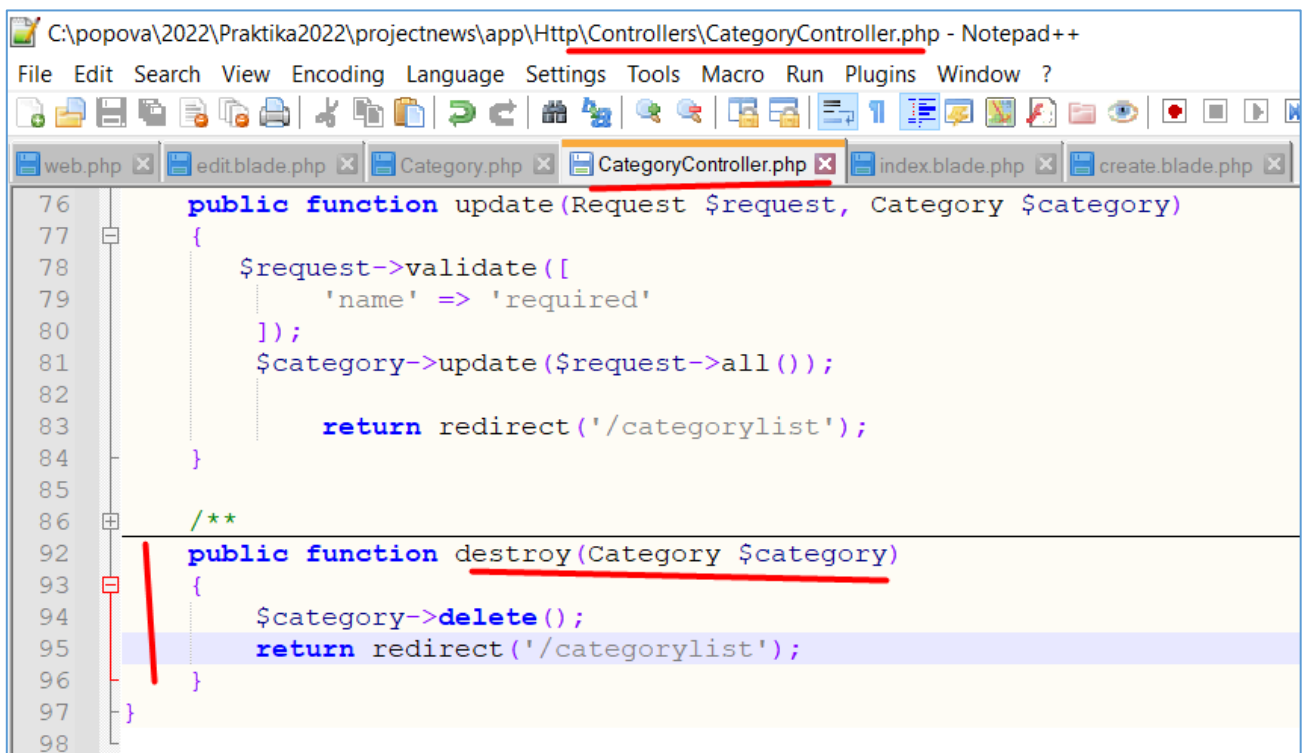


6. Файл `routes/web.php` – метод `delete`



```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\Controller;
5 use App\Http\Controllers\CategoryController;
6 use App\Models\Category;
7
8 /*
9
10
11
12
13
14
15
16
17
18
19 Route::get('/', function () {
20     return view('dashboard');
21 });
22
23 Route::get('/dashboard', [Controller::class, 'dashboard']);
24
25 Route::get('/categorylist', [CategoryController::class, 'index']);
26 Route::get('/addcategory', [CategoryController::class, 'create']);
27 Route::post('/addcategory', [CategoryController::class, 'store']);
28
29 Route::get('/editcategory/{category}', [CategoryController::class, 'edit']);
30 Route::post('/editcategory/{category}', [CategoryController::class, 'update']);
31
32 Route::delete('/deletecategory/{category}', [CategoryController::class, 'destroy']);
33
```

7. Файл `app/Http/Controllers/CategoryController.php` метод `destroy`



```
76 public function update(Request $request, Category $category)
77 {
78     $request->validate([
79         'name' => 'required'
80     ]);
81     $category->update($request->all());
82
83     return redirect('/categorylist');
84 }
85
86 /**
87
88
89
90
91
92 public function destroy(Category $category)
93 {
94     $category->delete();
95     return redirect('/categorylist');
96 }
97
98
```

Результат:

