

Stichwortverzeichnis

class AdminController.....	2
class File.....	2
class FileController.....	3
class Group.....	2
class GroupController.....	5
class User.....	2
\views\admin\g_create.....	6
\views\admin\g_edit.....	6
\views\admin\g_index.....	7
\views\admin\g_side.....	7
\views\admin\u_create.....	8
\views\admin\u_edit.....	8
\views\files\edit.....	9
\views\files\index.....	10
\views\files\index_admin.....	10
\views\files\index_group.....	11
\views\layouts\nav.....	11
\views\partials\groups.....	12

```

<?php
namespace MyWeb;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\SoftDeletes;
class File extends Model {
    use SoftDeletes;
    protected $dates = ['deleted_at'];
    protected $fillable =
['file_doc', 'file_name', 'file_spec', 'group_id', 'modification', 'owner'];
}

<?php namespace MyWeb;
use MyWeb\User;
use Illuminate\Database\Eloquent\Model;
class Group extends Model {
    public static function id() { User::group()->id; }
    public static function groupname() { User::group()->group_name; }
    public function user() { return $this->hasMany(User::class); }
}

<?php
namespace MyWeb;
use Illuminate\Notifications\Notifiable;
use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Foundation\Auth\User as Authenticatable;
class User extends Authenticatable {
    use Notifiable;
    protected $fillable =
    [ 'admin', 'email', 'group_admin', 'group_id', 'name', 'password', ];
    protected $hidden = [ 'password', 'remember_token', ];
    protected $casts = [ 'email_verified_at' => 'datetime', ];
    public function blog() { return $this->hasMany(Blog::class); }
    public function group() { return $this->hasOne(Group::class); }
    public function person() { return $this->hasOne(Person::class); }
    public function projects() { return $this->hasMany(Project::class, 'owner_id'); }
    public function publish(Blog $blog) { $this->blog()->save($blog); }
}

<?php
namespace MyWeb\Http\Controllers;
use MyWeb\Group;
use MyWeb\Person;
use MyWeb\PersonNotes;
use MyWeb\User;
use Illuminate\Http\Request;
class AdminController extends Controller {
    public function index() {
        $users = User::orderBy('name')->get();
        return view('admin.u_index', compact('users'));
    }
    public function create() {
        $groups = Group::orderBy('group_name')->get();
        $people = Person::orderBy('name')->get();
        $users = User::get();
        return view('admin.u_create', compact('groups', 'people', 'users'));
    }
    public function store(Request $request) {
        $this->validate(request(), [
            'name' => ['string', 'max:255'],
            'email' => ['string', 'email', 'max:255', 'unique:users'],
        ]);
        User::create([
            'admin' => request('admin') != null,
            'email' => request('email'),
            'group_admin' => request('group_admin') != null,
            'group_id' => request('group_id'),
            'name' => request('name'),
            'password' => \bcrypt(request('email'))
        ]);
        \Mail::send('admin.u_mail', [
            'name' => request('name'),
            'email' => request('email')
        ],
        function($message) {

```

¹ Liefert den Namen einer Gruppe.

² **hasMany**: Eine Gruppe kann mehrere Gruppenmitglieder haben.

```

$message->from('Web@FJKarli.ch');
$message->to('Web@FJKarli.ch', __('Register'))
->subject(config('app.name','') . ' - ' . __('Register'));
});
return \Redirect::route('admin.index');
}
public function show(User $user) { }
public function edit($id) {
    $groups = Group::orderBy('group_name')->get();
    $people = Person::orderBy('name')->get();
    $user = User::find($id);
    $users = User::orderBy('name')->get();
    return view('admin.u_edit', compact('groups', 'people', 'user', 'users'));
}
public function update(Request $request, $id) {
    $this->validate(request(), [
        'name' => ['string', 'min:4|max:255'],
    ]);
    User::find($id)->update([
        'admin' => request('admin') != null,
        'group_admin' => request('group_admin') != null,
        'group_id' => request('group_id'),
        'name' => request('name')
    ]);
    return \Redirect::route('admin.edit', $id);
}
public function destroy($id) {
    $user = User::find($id);
    $people = Person::get();
    foreach ($people as $person) {
        if ($person->user_id == $user->id) {
            $person->user_id = 0;
            Person::update($person);
        }
    };
    User::destroy($user->id);
    return \Redirect::route('admin.index');
}
protected function validateUser() {
    request()->validate([
        'name' => ['string', 'max:255'],
        'email' => ['string', 'email', 'max:255', 'unique:users'],
    ]);
    return [
        'name' => request('name'),
        'street' => request('street'),
        'town' => request('town'),
        'phone' => request('phone'),
        'email' => request('email'),
        'user_id' => request('user_id')
    ];
}
}
}

```

```

<?php
namespace MyWeb\Http\Controllers;
use Auth;
use MyWeb\File;
use MyWeb\Group;
use Illuminate\Http\Request;
class FileController extends Controller {
    public function __construct() { $this->middleware('auth'); }
    public function file_list() {
        if (Auth::user()->admin) {
            $files = File::orderBy('file_name')->get();
            $name = '';
        } else {
            $id = Auth::user()->group_id;
            $group_admin = Auth::user()->group_admin;
            $files = File::where('group_id', $id)->get();
            if (Group::count() < 1) {
                $name = 'Allgemein';
                $group = new Group;
                $group->group_name = $name;
            }
        }
    }
}

```

³ reserviert den Zugriff auf diesen Controller registrierten Usern

⁴ **list** liefert die Liste der Dateien aller Gruppe. Mit Klick auf einen Dateinamen, kann die entsprechende Datei dargestellt werden.

```

        $group->save();
    } else {
        $groups = Group::get();
        foreach ($groups as $group) {
            if ($group->id == $id) {
                $name = $group->group_name;
            }
        }
    }
    return view('files.index', compact('files', 'name'));
}
public function index() {
    if (Auth::user()->group_admin) {
        $id = Auth::user()->group_id;
        $files = File::where('group_id', $id)->orderby('file_name')->get();
        foreach (Group::get() as $group) {
            if ($group->id == $id) {
                $name = $group->group_name;
            }
        }
        return view('files.index_group', compact('id', 'files', 'name'));
    } elseif (Auth::user()->admin) {
        $files = File::orderby('file_name')->get();
        return view('files.index_admin', compact('files'));
    }
}
public function create() { }
public function store(Request $request) {
    $id = Auth::user()->group_id;
    $file = $request->file('uploadedfile');
    switch ($file->getClientOriginalExtension()) {
        case 'pdf': case 'txt': case 'PDF': case 'TXT':
            $name = $file->getClientOriginalName();
            //Move Uploaded File
            $destinationPath = 'storage/app/Group/'.$id.'/';
            $file->move($destinationPath, $name);
            if (File::where('file_name', $name)->exists()) {
                //update in group_files tabel
                File::where('file_name', $name)->update([
                    'file_doc' => request('file_doc')
                ]);
            } else {
                //save in files table
                File::create([
                    'group_id' => $id,
                    'file_name' => $name,
                    'file_spec' => 'Group/'.$id.'/'.$name,
                    'file_doc' => request('file_doc'),
                    'modification' => Auth::user()->email,
                    'owner' => Auth::user()->id
                ]);
            }
    }
    return back();
}
public function show(File $file) { }
public function edit($id) {
    $file = File::find($id);
    return view('files.edit', compact('file'));
}
public function update(Request $request, $id) {
    $file = File::find($id);
    $file->file_doc = $request->get('file_doc');
    $file->update();
    return \Redirect::route('file.index');
}
public function destroy($id) {
    File::findOrFail($id)->delete();
}

```

⁵ **index** liefert die Liste der Dateien der Gruppe. Mit Klick auf einen Dateinamen, kann die entsprechende Datei dargestellt werden.

⁶ Die erfassten Daten werden von der Funktion **store** in der Datenbank gespeichert.

⁷ **Edit**

⁸ **Update** führt die geänderten Daten in der Datenbank nach.

⁹ Löscht ein Gruppendokument.

```

        return \Redirect::route('file.index');
    }
}

<?php namespace MyWeb\Http\Controllers;
use MyWeb\Group;
use MyWeb\Person;
use MyWeb\User;
use Illuminate\Http\Request;
class GroupController extends Controller {
    public function __construct() { $this->middleware('auth'); }
    public function index() {
        $groups = Group::orderBy('group_name')->get();
        return view('admin.g_index', compact('groups'));
        $groups = Group::all();
        return view('group.g_index', compact('groups'));
    }
    public function create() {
        $groups = Group::orderBy('group_name')->get();
        return view('admin.g_create', compact('groups'));
        $groups = Group::all();
        return view('group.g_create', compact('groups'));
    }
    public function store(Request $request) {
        $this->validate(request(), [
            'group_name' => 'required'
        ]);
        $groups = Group::orderBy('group_name')->get();
        foreach ($groups as $group) {
            if ($group->group_name == '') {
                $group->update(['group_name' => request('group_name')]);
                return \Redirect::route('group.index');
            }
        }
        Group::create([
            'group_name' => request('group_name'),
            'id' => Group::count() + 1
        ]);
        return \Redirect::route('group.index');
        $this->validate(request(), [
            'group_name' => 'required'
        ]);
        Group::create([
            'group_name' => request('group_name'),
            'group_id' => Group::count() + 1
        ]);
        return \Redirect::route('group.index');
    }
    public function show(Group $group) {
        return view('admin.g_g_show', compact('group'));
    }
    public function edit(Group $group) {
        $groups = Group::orderBy('group_name')->get();
        $members = User::where('group_id', $group->id)->get();
        return view('admin.g_edit', compact('group', 'groups', 'members'));
        return view('group.g_edit', compact('group'));
    }
    public function update(Request $request, Group $group) {
        Group::find($group->id)->update(request(['group_name']));
        return \Redirect::route('user.index');
        Group::find($group->id)->update(request(['group_name', 'group_id']));
        return \Redirect::route('group.index');
    }
    public function destroy(Group $group) {
        $users = User::get();
        foreach ( $users as $user ) {
            if ($user->id == $group->id) {

```

¹⁰ Bildet die erfassten Gruppen ab.

¹¹ Erstellt eine neue Gruppe

¹² Speichert die erfasste Gruppe

¹³ Bildet einen Gruppenname ab

¹⁴ Gibt die Möglichkeit den Gruppennamen zu bearbeiten

¹⁵ Speichert den neuen Gruppenname ab

¹⁶ Löscht einen Gruppennamen und gibt die Gruppenmitglieder frei

```

        $user->update(['id' => 1]);
    }
}
$group->update(['group_name' => '']);
return \Redirect::route('group.index');
}
}

<!-- \resources\views\admin\g_create.blade.php -->
@extends('layouts.app')
@section('left')
<div class="row justify-content-center">
    <div class="col-md-10">
        <div class="card">
            <div class="card-header text-center">
                <b>{{ __('Create') }}: {{ __('Group') }}</b>
            </div>
            <div class="card-body">
                @include('layouts.session_message')
                <form method="POST" action="{{ route('group.store') }}">
                    @csrf
                    @include('partials.string', ['label' => __('Group Name'),
                    'value' => 'group_name', 'old'=> ''])
                    @include('partials.submit', ['label' => __('Save') ])
                </form>
                <hr>
                <div class="row">
                    <div class="col-md-2">
                        <form class="form" method="GET" action="{{ route('group.index') }}">
                            @csrf
                            @include('partials.submit', ['label' => __('Back')])
                        </form>
                    </div>
                </div>
                <div class="card-footer">
                    @include('partials.hint', [
                        'hints' => ['Guppennamen müssen eindeutig sein!']
                    ])
                </div>
            </div>
        </div>
    </div>
</div>
@endsection
@section('side')
@include('admin.g_side')
@endsection

<!-- \resources\views\admin\g_edit.blade.php -->
@extends('layouts.app')
@section('left')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-10">
            <div class="card">
                <div class="card-header text-center">
                    <b> {{ __('Edit') }}: {{ __('Group Name') }}</b>
                </div>
                <div class="card-body">
                    @include('layouts.session_message')
                    <form method="POST" action="{{ route('group.update', $group->id) }}">
                        @csrf
                        @method('PATCH')
                        @include('partials.string', ['label' => __('Group Name'),
                        'value' => 'group_name', 'old' => $group->group_name])
                        @include('partials.submit', ['label' => __('Save')])
                    </form>
                    @include('partials.hint', [
                        'hints' => ['Guppennamen müssen eindeutig sein!']
                    ])
                    <hr>
                    <div class="row">
                        <div class="col-md-2">
                            <form class="form" method="POST"
                                action="{{ route('group.destroy', $group->id) }}">
                                @csrf
                                @method('DELETE')
                                @include('partials.submit', ['label' => __('Delete')])
                            </form>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```
        </form>
    </div>
    <div class="col-md-2">
        <form class="form" method="GET"
            action="{{ route('group.index') }}">
            @csrf
            @include('partials.submit', ['label' => __('Back')])
        </form>
    </div>
</div>
<div class="card-header text-center">
    <b> {{ __('Member')}}</b>
</div>
<div class="card-body">
    <ul>
        @forelse($members as $member)
            <li>
                <a href="{{ route('admin.edit', $member->id) }}">{{ $member->name }}</a>
            </li>
            @empty
                {{ __('No Entry') }}
            @endforelse
        </ul>
    </div>
</div>
</div>
</div>
</div>
@endsection
@section('side')
@include('admin.g_side')
@endsection

<!-- \resources\views\admin\g_index.blade.php -->
@extends('layouts.app')
@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-11">
            <div class="card">
                <div class="card-header text-center"><b>{{ __('Groups') }}</b></div>
                <div class="card-body">
                    <ul>
                        @forelse($groups as $group)
                            @if ($group->group_name <> '')
                                <li>
                                    <a href="{{ route('group.edit', $group->id) }}">
                                        {{ $group->group_name }}
                                    </a>
                                </li>
                            @endif
                        @empty
                            {{ __('No entry') }}
                        @endforelse
                    </ul>
                    <hr>
                    <div class="row">
                        <div class="col-md-2">
                            <form class="form" method="GET"
                                action="{{ route('group.create') }}">
                                @csrf
                                @include('partials.submit', ['label' => __('Create')])
                            </form>
                        </div>
                    </div>
                </div>
            </div>
            <div class="card-footer">
                @include('partials.hint',
                    ['hints' => ['Daten können mit Klick auf die Gruppen ID bearbeitet werden']]
                )
            </div>
        </div>
    </div>
</div>
</div>
@endsection

<!-- \resources\views\admin\g_side.blade.php -->
<b>{{ __('Groups') }}</b>
```

```

<notel0>
  @forelse($groups as $group)
    @if ($group->group_name <> '')
      <li>
        <a href="{{ route('group.edit', $group->id) }}">{{ $group->group_name }}</a>
      </li>
    @endif
  @empty
    ( {{ __('No Entry') }} )
  @endforelse
</notel0>

<!-- \resources\views\admin\u_create.blade.php -->
@extends('layouts.app')
@section('left')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-10">
      <div class="card">
        <div class="card-header text-center ">
          <b>{{ __('User') }} {{ __('Register') }}</b>
        </div>
        <div class="card-body">
          <form method="POST" action="{{ route('admin.store') }}">
            @csrf
            @include('partials.string',
              ['label' => __('Name'), 'value'=>'name', 'old'=>''])
            @include('partials.email',
              ['label' => __('E-Mail Address'), 'old'=>''])
            @include('partials.check',
              ['label'=>__('Administrator'), 'value'=>'admin', 'checked'=>>false ])
            @include('partials.groups', ['groupid' => '1'])
            @include('partials.check', ['label'=>__('Group Administrator'),
              'value' => 'group_admin', 'checked'=>>false])
            @include('partials.submit', ['label'=>__('Register') ])
          </form>
          <hr>
          <div class="row">
            <div class="col-md-2">
              <form class="form" method="GET"
                action="{{ route('admin.index') }}">
                @csrf
                @include('partials.submit', ['label' => __('Back')])
              </form>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
@endsection
@section('side')
@include('admin.p_side')
@include('admin.u_side')
@endsection

<!-- \resources\views\admin\u_edit.blade.php -->
@extends('layouts.app')
@section('left')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-10">
      <div class="card">
        <div class="card-header text-center">
          <b>{{ $user->name }} {{ __('Edit') }}: {{ __('User') }}</b>
        </div>
        <div class="card-body">
          @include('layouts.session_message')
          <form method="POST" action="{{ route('admin.update', $user->id) }}">
            @csrf
            @method('PATCH')
            @include('partials.string', ['label'=>__('Name'),
              'value'=>'name', 'old'=>$user->name ])
            @include('partials.email', ['label'=>__('E-Mail Address'),
              'value'=>'email', 'old'=>$user->email ])
            @include('partials.check', ['label'=>__('Administrator'),
              'value' => 'admin', 'checked'=>$user->admin])
            @include('partials.groups', ['groupid' => $user->group_id])
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```



```

<!-- \resources\views\files\index.blade.php -->
@extends('layouts.app')
@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-12">
      <div class="card">
        <div class="card-header text-center">
          <b>{{ __('Files') }}: {{ __('Group') }} {{ $name }}</b>
        </div>
        <div class="card-body">
          @forelse($files as $file)
            <a href="{{ route('file.edit', $file->id) }}">
              <b>{{ $file->file_name }}</b>
            </a>: {{ $file->file_doc }}
            <br>
            @empty
              {{ __('No Entry') }}
            @endforelse
          </div>
          <div class="card-header text-center">
            <b>{{ __('Select File') }}</b>
          </div>
          <div class="card-body">
            <form method="POST" files="true" enctype="multipart/form-data"
              action="{{ route('file.store') }}">
              @csrf
              @include('partials.file', ['label' => __('Upload File')])
              @include('partials.memo', [
                'label' => __('Description'), 'value' => 'file_doc', 'old' => ''
              ])
              @include('partials.submit', ['label' => __('Upload File')])
            </form>
          </div>
          <div class="card-footer">
            @include('partials.hint', [
              'hints' => [
                'Es können nur PDF- und TXT-Dateien hochgeladen werden!',
                'Vorhandene Dateien werden überschrieben!',
                'Gross- und Kleinschreibung wird unterschieden!'
              ]
            ])
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
@endsection

<!-- \resources\views\files\index_admin.blade.php -->
@extends('layouts.app')
@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-12">
      <div class="card">
        <div class="card-header text-center">
          <b>{{ __('All') }} {{ __('Group Files') }}</b>
        </div>
        <div class="card-body">
          @forelse($files as $file)
            <a href="{{ route('file.edit', $file->id) }}">
              <b>{{ $file->file_name }}</b>
            </a>: {{ $file->file_doc }}
            <br>
            @empty
              {{ __('No Entry') }}
            @endforelse
          </div>
          <div class="card-footer">
            @include('partials.hint', [
              'hints' => [
                'Mit Klick auf einen Filename kann die Beschreibung bearbeitet oder
                die Datei gelöscht werden'
              ]
            ])
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
@endsection

```



```

    <a class="nav-link" href="{{ route('login') }}">{{ __('Login') }}</a>
  </li>
  @if (Route::has('register'))
    <li class="nav-item">
      <a class="nav-link"
        href="{{ route('register') }}">{{ __('Register') }}
      </a>
    </li>
  @endif
  @else
  <!-- Authentication Links -->
  <li class="nav-item dropdown">
    <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#"
      role="button" data-toggle="dropdown" aria-haspopup="true"
      aria-expanded="false" v-pre>
      {{ Auth::user()->name }} <span class="caret"></span>
    </a>
    <ul class="dropdown-menu">
      <li>
        <a class="dropdown-item" href="{{ route('project.index') }}">
          {{ __("Projects") }}
        </a>
      </li>
      @if (Auth::user()->group_admin)
        <li>
          <a class="dropdown-item" href="{{ route('file.index') }}">
            {{ __('Documents') }} {{ __('Edit') }}
          </a>
        </li>
      @endif
      @if (Auth::user()->admin)
        <li>
          <a class="dropdown-item" href="{{ route('file.index') }}">
            {{ __('Documents') }} {{ __('Edit') }}
          </a>
        </li>
      </li>
      <hr>
      <li>
        <a class="dropdown-item" href="{{ route('group.index') }}">
          {{ __('Groups') }}
        </a>
      </li>
      <li>
        <a class="dropdown-item" href="{{ route('person.index') }}">
          {{ __('People') }}
        </a>
      </li>
      <li>
        <a class="dropdown-item" href="{{ route('admin.index') }}">
          {{ __('User') }}
        </a>
      </li>
    @endif
  </ul>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="{{ route('logout') }}"
      onclick="event.preventDefault();
      document.getElementById('logout-form').submit();"
      {{ __('Logout') }}
    </a>
    <form id="logout-form" action="{{ route('logout') }}"
      method="POST" style="display: none;"
      @csrf
    </form>
  </li>
  @endguest
</ul>
</div>
</div>
</nav>

<!-- \resources\views\partials\groups.blade.php -->
<div class="row">
  <div class="col-md-4 text-md-right">{{ __('Group') }}</div>
  <div class="col-md-6">
    <select name='group_id' class="form-control">
      @forelse($groups as $group)
        <option value='{{ $group->id }}'

```

```
        @if ($group->id == $groupid)
            {{ ' selected' }}
        @endif>
        {{ $group->group_name }}
    </option>
    @empty
        <option value="1">Allgemein</option>
    @endforelse
</select>
</div>
</div>
```