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**Modelle**

```

<?php
namespace FJKarli;
use FJKarli\PersonNotes;
use FJKarli\User;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\SoftDeletes;
class Person extends Model {
    use SoftDeletes;
    protected $dates = ['deleted_at'];
    protected $fillable = ['email', 'name', 'phone', 'street', 'town', 'user_id'];
    public function addNote($note) { $this->note()->create(compact('note')); }
    public function note() { return $this->hasMany(PersonNotes::class); }
    public function user() { return $this->hasOne(User::class); }
}

```

```

<?php
namespace FJKarli;
use FJKarli\Person;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\SoftDeletes;
class PersonNotes extends Model {
    use SoftDeletes;
    protected $dates = ['deleted_at'];
    protected $fillable = ['person_id', 'note'];
    public function person() { return $this->belongsTo(Person::class); }
}

```

```

<?php namespace FJKarli;

```

```

use FJKarli\Blog;
use FJKarli\Person;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Notifications\Notifiable;
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', ];
    public function blog() { return $this->hasMany(Blog::class); }
    public function publish(Blog $blog) { $this->blog()->save($blog); }
    public function person() { return $this->hasOne(Person::class); }
}

```

## Controller

```

<?php
namespace FJKarli\Http\Controllers;
use FJKarli\Group;
use FJKarli\Person;
use FJKarli\PersonNotes;
use FJKarli\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() {
        $selections = $this->names();
        $groups = Group::orderBy('group_name')->get();
        $people = Person::orderBy('name')->get();
        $users = User::get();
        return view('admin.u_create',
            compact('groups', 'people', 'selections', 'users'));
    }
    public function store(Request $request) {
        $name = $request->get('group_id');
        $group_id = $this->groupid($name);
        $this->validate($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' => $group_id,
            'name' => request('name'),
            'password' => \bcrypt(request('email'))
        ]);
        \Mail::send('admin.u_mail',
            [ 'name' => request('name'), 'email' => request('email') ],
            function($message) {
                $message->from(config('app.webadmin', ''));
                $message->to(config('app.webadmin', ''), __('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) {
        $admin = $request->get('admin') != NULL ? 1 : 0;
        $group_admin = $request->get('group_admin') != NULL ? 1 : 0;
        User::find($id)->update([
            'admin' => $admin,
            'group_admin' => $group_admin,
            'group_id' => request('group_id'),
            'name' => request('name')
        ]);
        return \Redirect::route('admin.index', $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($user->id);
        return \Redirect::route('admin.index');
    }
    protected function groupid($name) {
        $groups = Group::get();
        foreach($groups as $group) {
            if ($group->group_name == $name) {
                return $group->id;
            }
        };
        return -1;
    }
    protected function names() {
        $groups = Group::get();
        foreach($groups as $group) { $selections[] = $group->group_name; }
        return $selections;
    }
    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 FJKarli\Http\Controllers;
use FJKarli\Person;
use FJKarli\PersonNotes;
use FJKarli\User;
use Illuminate\Http\Request;
class PersonController extends Controller {
    public function note($id) {
        $this->validate(request(), [
            'note' => 'required'
        ]);
        PersonNotes::create([
            'note' => request('note'),
            'person_id' => $id
        ]);
        return back();
    }
    public function index() {
        $people = Person::orderBy('name')->get();
        return view('admin.p_index', compact('people'));
    }
    public function create() {
        $people = Person::orderBy('name')->get();
        $users = User::orderBy('name')->get();
        return view('admin.p_create', compact('people', 'users'));
    }
    public function store(Request $request) {
        Person::create($this->validatePerson());
        return \Redirect::route('person.index');
    }
    public function show(Person $person) {
        $people = Person::orderBy('name')->get();
        $users = User::orderBy('name')->get();
        return view('admin.p_show', compact('person', 'people', 'users'));
    }
    public function edit(Person $person) {
        $people = Person::orderBy('name')->get();

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        $users = User::orderBy('name')->get();
        return view('admin.p_edit', compact('person', 'people', 'users'));
    }
    public function update(Request $request, Person $person) {
        $person->update($this->validatePerson());
        return \Redirect::route('person.index');
    }
    public function destroy(Person $person) {
        $people = Person::get();
        $notes = PersonNotes::get();
        foreach ($notes as $note) {
            if ($note->person_id == $person->id) {
                PersonNotes::destroy($note->id);
            }
        }
        Person::destroy($person->id);
        return \Redirect::route('person.index');
    }
    protected function validatePerson() {
        request()->validate([
            'name' => ['max:255'],
            'street' => ['max:255'],
            'town' => ['max:255'],
            'phone' => ['max:255'],
            'email' => ['email', 'max:255', 'string']
        ]);
        return [
            'name' => request('name'),
            'street' => request('street'),
            'town' => request('town'),
            'phone' => request('phone'),
            'email' => request('email'),
            'user_id' => request('user_id')
        ];
    }
}

<?php
namespace FJKarli\Http\Controllers;
use FJKarli\Person;
use FJKarli\PersonNotes;
use Illuminate\Http\Request;
class PersonNotesController extends Controller {
    public function index() { }
    public function create() { }
    public function store($id) {
        $this->validate(request(), [ 'note' => 'required' ]);
        PersonNotes::create([ 'note' => request('note'), 'person_id' => $id ]);
        return \Redirect::route('person.index');
    }
    public function show(PersonNotes $personComment) { }
    public function edit($id) {
        $note = PersonNotes::find($id);
        return view('admin.n_edit', compact('note'));
    }
    public function update(Request $request, $id) {
        $note = $request->note;
        PersonNotes::find($id)->update(['note' => $note]);
        return \Redirect::route('person.index');
    }
    public function destroy($id) {
        PersonNotes::destroy($id);
        return \Redirect::route('person.index');
    }
}

<?php
namespace FJKarli\Http\Controllers;
use FJKarli\Person;
use Illuminate\Http\Request;
class RegisterController extends Controller {
    public function create() { return view('admin.r_create'); }
    public function store(Request $request) {
        $this->validate(request(), [
            'name' => ['required', 'min:3'],
            'street' => ['required', 'min:3'],
            'town' => ['required', 'min:3'],
            'phone' => ['required', 'min:3'],
            'email' => ['required', 'string', 'email', 'max:255'],

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        'user_msg' => ['required', 'min:3']
    });
    \Mail::send('admin.r_mail', [
        'name' => $request->get('name'),
        'street' => $request->get('street'),
        'town' => $request->get('town'),
        'phone' => $request->get('phone'),
        'email' => $request->get('email'),
        'user_msg' => $request->get('user_msg')
    ],
    function($message) {
        $message->from(config('app.webadmin', ''));
        $message->to(config('app.webadmin', ''), 'Admin')
        ->subject('Antrag für '. config('app.name', ''));
    }
    );
    $person = Person::create([
        'user_id' => 0,
        'name' => $request->get('name'),
        'street' => $request->get('street'),
        'town' => $request->get('town'),
        'phone' => $request->get('phone'),
        'email' => $request->get('email')
    ]);
    \Session::flash('flash_message', __('Request mailed'));
    return \Redirect::route('register');
}
}

```

## Views

```

<!-- \resources\views\admin\n_edit.blade.php -->
@extends('layouts.app')
@section('content')
    <div class="card">
        <div class="card-header text-center"><b>{{ __('Edit') }}</b></div>
        <div class="card-body">
            @include('layouts.session_message')
            <form method="POST" action="{{ route('person_n.update', $note) }}">
                @csrf @method('PATCH')
                @include('partials.memo', ['label' => __('Note'), 'value' => 'note',
                    'old' => $note->note])
                @include('partials.submit', ['label' => __('Save') ])
            </form>
            <div class="row">
                <div class="col-md-1">
                    <a href="{{ route('person_n.delete', $note) }}">
                        <b>{{ __('Delete') }}</b>
                    </a>
                </div>
                <div class="col-md-1">
                    <a href="{{ route('person.index') }}"><b>{{ __('Back') }}</b></a>
                </div>
            </div>
        </div>
    </div>
</section>

<!-- \resources\views\admin\p_create.blade.php -->
@extends('layouts.app')
@section('left')
    <div class="card">
        <div class="card-header text-center"><b>{{ __('Create') }}</b></div>
        <div class="card-body">
            @include('layouts.session_message')
            <form method="POST" action="{{ route('person.store') }}">
                @csrf
                @include('partials.string', ['label' => __('Name'), 'value' => 'name'])
                @include('partials.string', ['label' => __('Street'), 'value' => 'street'])
                @include('partials.string', ['label' => __('Town'), 'value' => 'town'])
                @include('partials.string', ['label' => __('Phone'), 'value' => 'phone'])
                @include('partials.email')
                @include('partials.number', ['label'=>__('User ID'),'value'=>'user_id',
                    'old'=>0])
                @include('partials.submit', ['label'=>__('Save')])
            </form>
        </div>
        <div class="card-footer">
            @include('partials.hint', [
                'hints' => ['Die Mail-Adresse muss eindeutig sein!'],
            ])
        </div>
    </div>
</section>

```

```

        'Personendaten können mit der Eingabe der User ID mit
        der Tabelle der registrierten Benutzer verknüpft werden.'])
        <a href="{{ route('person.index') }}"><b>{{ __('Back') }}</b></a>
    </div>
</div>
@endsection
@section('side')
@include('admin.p_side')
@include('admin.u_side')
@endsection

<!-- \resources\views\admin\p_edit.blade.php -->
@extends('layouts.app')
@section('left')
    <div class="card">
        <div class="card-header text-center"><b>{{ __('Edit') }}</b></div>
        <div class="card-body">
            @include('layouts.session_message')
            <form method="POST" action="{{ route('person.update', $person->id) }}">
                @csrf
                @method('PATCH')
                @include('partials.string', ['label'=>__('Name'), 'value'=>'name',
                'old'=>$person->name])
                @include('partials.string', ['label'=>__('Street'), 'value'=>'street',
                'old'=>$person->street])
                @include('partials.string', ['label'=>__('Town'), 'value'=>'town',
                'old'=>$person->town])
                @include('partials.string', ['label'=>__('Phone'), 'value'=>'phone',
                'old'=>$person->phone])
                @include('partials.email', ['old'=>$person->email])
                @include('partials.number', ['label'=>__('UserID'), 'value'=>'user_id',
                'old'=>$person->user_id])
                @include('partials.submit', ['label' => __('Save')])
            </form>
            <div class="row">
                <div class="col-md-2">
                    <a href="{{ route('person.index') }}"><b>{{ __('Back') }}</b></a>
                </div>
            </div>
            <div class="card-footer">
                @include('partials.hint',
                ['hints' => ['Personen können mit UserID mit einem registrierten
                Benutzer verknüpft werden']])
            </div>
        </div>
    @endsection
    @section('side')
    @include('admin.p_side')
    @include('admin.u_side')
    @endsection

<!-- \resources\views\admin\p_index.blade.php -->
@extends('layouts.app')
@section('content')
    <div class="card">
        <div class="card-header text-center"><b>{{ __('People')}}</b></div>
        <div class="card-body">
            @forelse($people as $person)
                <a href="{{ route('person.show', $person->id) }}">
                    <b>{{ $person->name }}</b>
                </a>
                @if ($person->user_id > 0)
                    <b> {{ __('registered') }}</b>
                @endif
                - {{ $person->street }} / {{ $person->town }}
                Tel: {{ $person->phone }} Mail:
                {{ $person->email }}
                <br>
            @empty
                {{ __('No Entry') }}
            @endforelse
            <div class="row">
                <div class="col-md-2">
                    <a href="{{ route('person.create') }}"><b>{{ __('Create') }}</b></a>
                </div>
            </div>
        </div>
    </div>
    <div class="card-footer">

```

```

        @include('partials.hint',
        ['hints' => ['Daten können mit Klick auf den Namen bearbeitet werden']])
    </div>
</div>
@endsection

<!-- \resources\views\admin\p_show.blade.php -->
@extends('layouts.app')
@section('content')
    <div class="card">
        <div class="card-header text-center"><b>{{ $person->name }}</b></div>
        <div class="card-body">
            <a href="{{ route('person.edit', $person) }}">
                <b>{{ $person->name }}</b>
            </a>
            {{ $person->street }}, {{ $person->town }}
            {{ $person->phone }}, {{ $person->email }}
            <div class="row">
                <div class="col-md-1">
                    <a href="{{ route('person.delete', $person->id) }}">
                        <b>{{ __('Delete') }}</b>
                    </a>
                </div>
                <div class="col-md-1">
                    <a href="{{ route('person.index') }}"><b>{{ __('Back') }}</b></a>
                </div>
            </div>
            <!-- List of personal notes -->
            @forelse($person->note as $note)
                <li>
                    <a href="{{ route('person_n.edit', $note->id) }}">
                        {{ $note->note }}
                    </a>
                </li>
            @empty
            @endforelse
            <!-- Form for notes -->
            @include('layouts.session_message')
            <form method="POST" action="{{ route('person.note', $person->id) }}">
                @csrf
                <div class="row">
                    <label class="col-md-2 col-form-label text-md-right">
                        {{ __('Note') }}
                    </label>
                    <div class="col-md-8">
                        <input class="form-control" name='note' type="text" required>
                        <button type="submit" class="btn btn-primary">
                            {{ __('Save') }}
                        </button>
                    </div>
                </div>
            </form>
        </div>
    </div>
@endsection

<!-- \resources\views\admin\p_side.blade.php -->
<b>Erfasste Personen</b>
<note10>
    @forelse($people as $person)
        <li>
            {{ $person->user_id }}:
            <a href="{{ route('person.edit', $person->id) }}"><b>{{ $person->name }}</b></a>
            - {{ $person->email }}, {{ $person->street }}, {{ $person->town }}
            Tel: {{ $person->phone }}
        </li>
    @empty
        {{ __('No Entry') }}
    @endforelse
</note10>

<!-- \resources\views\admin\r_create.blade.php -->
@extends('layouts.app')
@section('content')
    <div class="offset-2 col-md-8">
        <div class="card">
            <div class="card-header text-center">
                <b>{{ __('Propose Registration') }}</b>
            </div>

```

```

<div class="card-body">
  @include('layouts.session_message')
  <form method="POST" action="{ route('register.store') }">
    @csrf
    @include('partials.string', ['label'=>__('Name'), 'value'=>'name'])
    @include('partials.string', ['label'=>__('Address'), 'value'=>'street'])
    @include('partials.string', ['label'=>__('Town'), 'value'=>'town'])
    @include('partials.string', ['label'=>__('Phone'), 'value'=>'phone'])
    @include('partials.email')
    @include('partials.memo', ['label'=>__('Explanation'),
      'value'=>'user_msg'])
    @include('partials.submit', ['label' => __('Send Request') ])
  </form>
</div>
<div class="card-footer">
  @include('partials.hint', [
    'hints' => [
      'Eine Registrierung erfolgt auf Grund dieses Antrages.',
      'Weitere Angaben folgen per Mail!',
      'Unerwünschte Anträge werden ohne Rückmeldung gelöscht']]
  </div>
</div>
</div>
@endsection

<!-- \resources\views\admin\r_mail.blade.php -->
{{ $name }} <br>{{ $street }} , {{ $town }} <br>{{ $phone }} <br>{{ $email }}
<br><br>{{ $user_msg }}
<!-- \resources\views\admin\u_create.blade.php -->
@extends('layouts.app')
@section('left')
  <div class="card">
    <div class="card-header text-center "><b>{{ __('Register') }}</b></div>
    <div class="card-body">
      <form method="POST" action="{ route('admin.store') }">
        @csrf
        @include('partials.string', ['label' => __('Name'), 'value'=>'name'])
        @include('partials.email')
        @include('partials.check', ['label'=>__('Administrator'),
          'old' => '', 'value'=>'admin'])
        @include('partials.submit', ['label'=>__('Register') ])
      </form>
    </div>
    <div class="card-footer">
      <a href="{ route('admin.index') }"><b>{{ __('Back') }}</b></a>
    </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="card">
    <div class="card-header text-center"><b>{{ __('Edit') }}</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.check', ['label'=>__('Administrator'),
          'value' => 'admin', 'old'=>$user->admin])
        @include('partials.submit', ['label'=>__('Save')])
      </form>
    </div>
    <div class="card-footer">
      @include('partials.hint', [
        'hints' => ['Die Mail-Adresse kann nicht verändert werden!']
      ])
      <a href="{ route('admin.index') }"><b>{{ __('Back') }}</b></a>
      <br>
      <a href="{ route('admin.delete', $user->id) }"><b>{{ __('Delete') }}</b></a>
    </div>
  </div>
@endsection

```



```

@section('side')
@include('admin.p_side')
@include('admin.u_side')
@include('admin.g_side')
@endsection

<!-- \resources\views\admin\u_index.blade.php -->
@extends('layouts.app')
@section('content')
    <div class="card">
        <div class="card-header text-center"><b>User</b></div>
        <div class="card-body">
            @forelse($users as $user)
                <a href="{{ route('admin.edit', $user->id) }}"><b>{{ $user->name }}</b></a>
                / {{ $user->email }}
                <br>
                @empty
                    {{ __('No Entry')}}
                @endforelse
                <a href="{{ route('admin.create') }}"><b>{{ __('Create') }}</b></a>
            </div>
            <div class="card-footer">
                @include('partials.hint',
                    ['hints' => ['Daten können mit Klick auf den Namen bearbeitet werden']])
            </div>
        </div>
    @endsection

<!-- \resources\views\admin\u_mail.blade.php -->
<b>{{ $name }} wurde registriert!</b>
<br>- Wählen Sie <b>Anmelden</b>
<br>- Wählen Sie <b>Passwort vergessen</b>
<br>- Fordern Sie für <b>{{ $email }}</b> einen Reset-Link an.
<br>- Melden Sie sich mit diesem Link an
<br>- Geben Sie Ihr gewünschtes Passwort ein
<br>Viel Erfolg Gruss FJK

<!-- \resources\views\admin\u_side.blade.php -->
<b>Registrierte Benutzer</b>
<note10>
    @forelse($users as $user)
        <li>
            {{ $user->id }}:
            @if ($user->admin)
                <span class="fa fa-key"></span>
            @endif
            <a href="{{ route('admin.edit', $user->id) }}">
                <b>{{ $user->name }}</b>
            </a>
            - {{ $user->email }}
        </li>
    @empty
        {{ __('No Entry')}}
    @endforelse
</note10>

```