

IPA - BeeRes

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Inhalt

Einleitung

- Ausgangslage
- Aufgabenstellung

Mittelteil

- Ablauf nach IPERKA

Abschluss

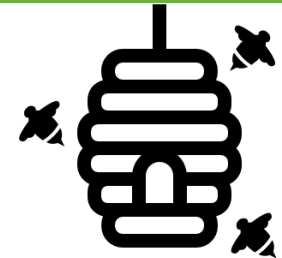
- Reflexion
- Fragen

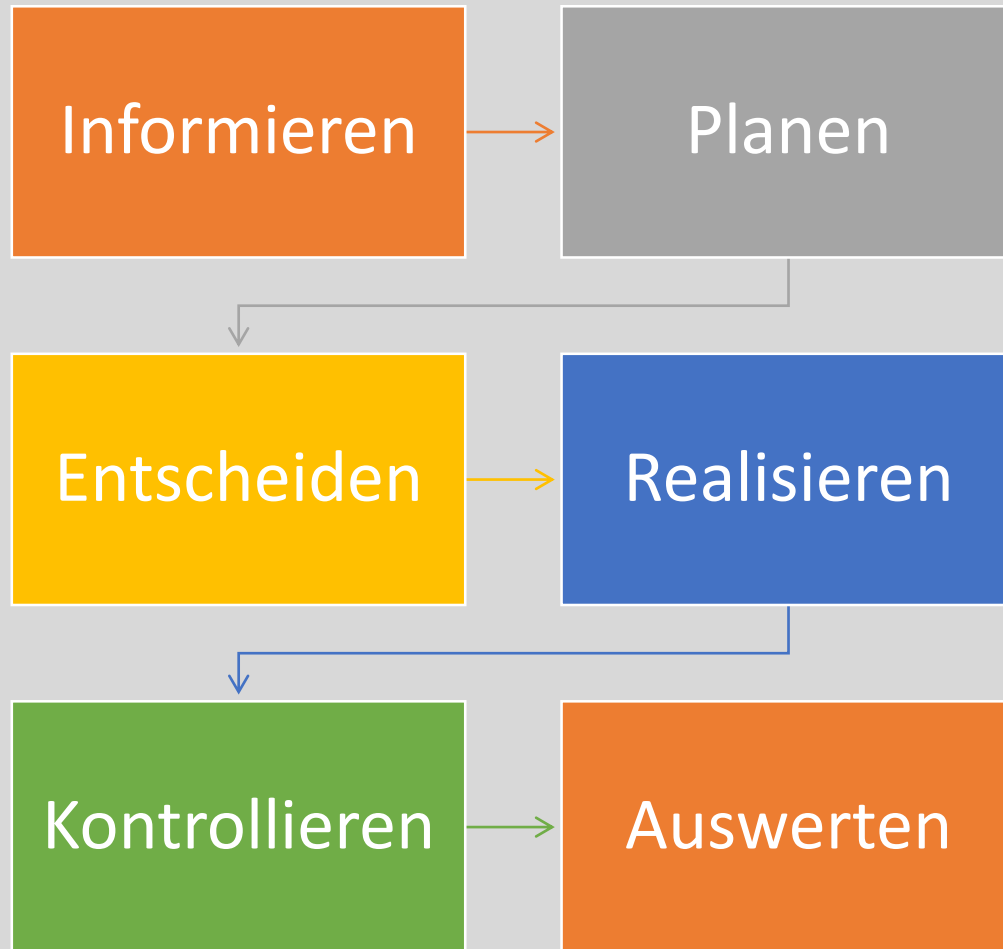
Einleitung

Ausgangslage



Aufgaben





Ablauf

Informieren

Aufgabenstellung

Externe Schnittstellen

- Nominatim (PLZ)
- Vonage (Nexmo)
- GoogleMaps Pin

Planen

Mockups

Index ①

Imker Search

PLZ

1. Imker	Vorname E-Mail	Name Tel.
2. Imker	Vorname E-Mail	Name Tel.
3. Imker		
⋮		

↗
Search Result

Login

@!auth

E-Mail

Tel.

← Tabs

Error Notification

E-Mail

PW

Login → 1)

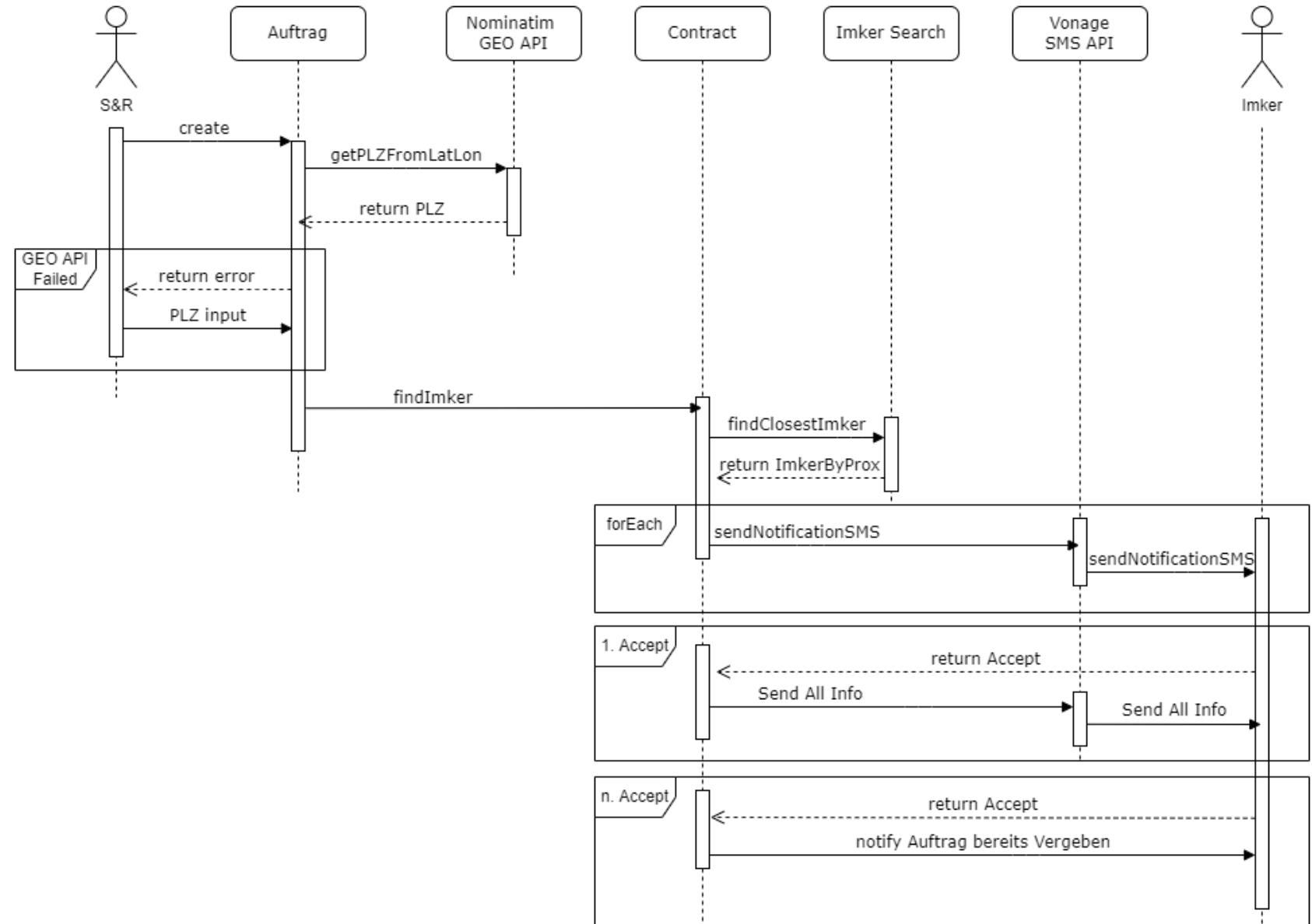
Register → 2)

PW vergessen?

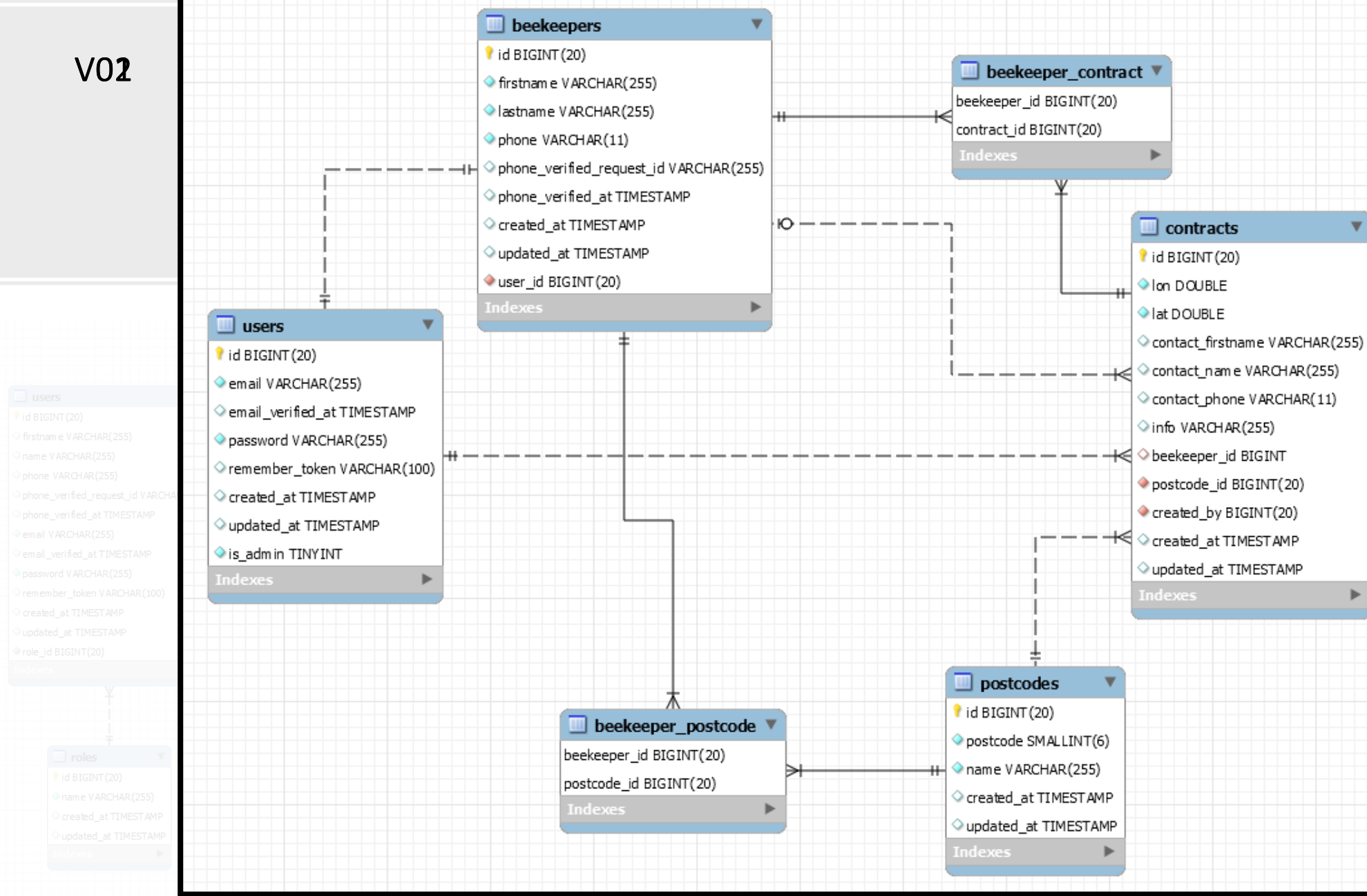
1) Redirect

- Admin (S&R) → Auftragerstellung ⑤
- Imker → Profil ④

Sequenzdiagramm



V02





Entscheiden

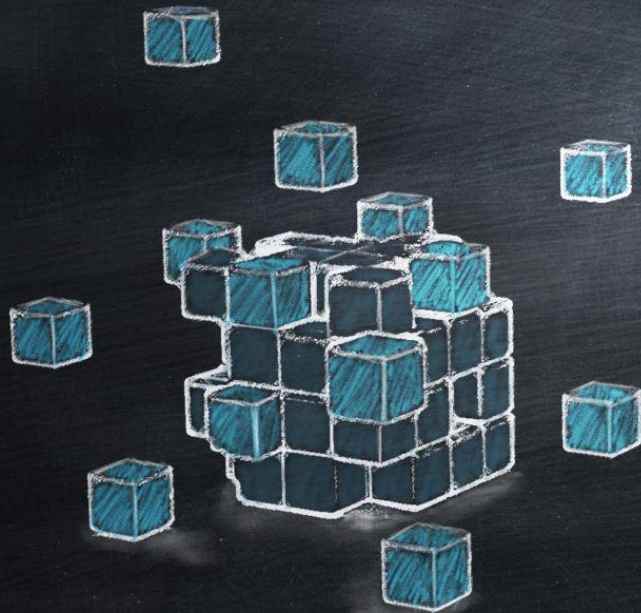
Entscheiden

Massnahmen der Risiken

- Nominatim (PLZ)
- Mailtrap

ImkerSearch

- PLZ +/- 5
- Alle Imker sortieren



Realisieren

Components

Übersichtlichere Formulare

Auslagerung der:

- Fehlermeldungen
- HTML- / CSS-Eigenschaften

1.Funktionalität > Design

1.Änderungsfreundlich

Formularvergleich mit/ohne Component

register.blade.php

```
1 layouts.app')
2
3 content')
4 ="container">
5 lass="card col-md-6 offset-md-3">
6
7 div class="card-header text-center">
8 <h4>Beekeeper-Register</h4>
9 div>
10 div class="card-body">
11
12 <form method="POST" action="{{ route('register') }}">
13     @csrf
14     @method('POST')
15
16     <x-forms.input type="text" name="firstname" title="Firstname" value="{{ old('firstname') }}" />
17     <x-forms.input type="text" name="lastname" title="Lastname" value="{{ old('lastname') }}" />
18     <x-forms.input type="text" name="phone" title="Phone" value="{{ old('phone') }}"
19         placeholder="076 581 35 96" />
20     <x-forms.input type="email" name="email" title="E-Mail" value="{{ old('email') }}" />
21     <x-forms.password confirm="true" />
22
23     <input class="btn btn-block btn-primary mt-3" type="submit" value="Register" />
24 </form>
25
26 div>
27
28
29
30
```

register.blade.php

```
8 <div class="card">
9     .ass="card-header h2 text-center">Registrieren</div>
10
11     .ass="card-body">
12
13     <form method="POST" action="{{ route('register') }}" enctype="multipart/form-data">
14         @csrf
15         @method('POST')
16
17         <div class="form-group row">
18             <label for="name" class="col-md-3 col-form-label text-md-right">
19                 Vorname <span class="text-danger">*</span>
20             </label>
21             <div class="col-md-6">
22                 <input id="firstname" type="text" class="form-control @error('firstname') is-invalid @enderror"
23                     name="firstname" value="{{ old('firstname') }}" required autocomplete="firstname"
24                     autofocus>
25                 @error('firstname')
26                 <span class="invalid-feedback" role="alert">
27                     <strong>{{ $message }}</strong>
28                 </span>
29                 @enderror
30             </div>
31         </div>
32         <div class="form-group row">
33             <label for="name" class="col-md-3 col-form-label text-md-right">
34                 Name <span class="text-danger">*</span>
35             </label>
36             <div class="col-md-6">
37                 <input id="name" type="text" class="form-control @error('name') is-invalid @enderror"
38                     name="name" value="{{ old('name') }}" required autocomplete="name">
39                 @error('name')
40                 <span class="invalid-feedback" role="alert">
41                     <strong>{{ $message }}</strong>
42                 </span>
43                 @enderror
44             </div>
45         </div>
46         <div class="form-group row">
```


Eingabe-Validierung



```
$validator = Validator::make($request->all(), [  
    'lat'          => ['required', 'numeric', 'min:47' , 'max:48'],  
    'lon'          => ['required', 'numeric', 'min:8'   , 'max:9'],  
    'plz'          => ['nullable', 'numeric', 'min:8000', 'max:9000', 'exists:App\Models\Postcode,postcode'],  
    'contact_phone' => ['nullable', 'regex:/^(?:0041|0|\+41)(\d{9})$/'],  
], [  
    'contact_phone.regex' => 'Not a valid Format, please use: +41, 0041, 07x or 04x'  
]);  
  
if($validator->fails()) { return back()->withErrors($validator)->withInput(); }
```

Rollenberechtigungen - Middleware

```
Route::group(['middleware' => 'auth'], function() {  
  
    Route::group(['middleware' => 'beekeeperOnly'], function() {  
        // Beekeepers  
    });  
  
    Route::group(['middleware' => 'adminOnly'], function() {  
        // S&R  
    });  
    // Beekeepers & S&R  
});  
// Public
```

Proximity Search

```
1 • SELECT beekeepers.id, beekeepers.lastname, min(abs(8700 - postcodes.postcode)) AS mindiff FROM beekeepers
2 JOIN beekeeper_postcode ON beekeeper_postcode.beekeeper_id = beekeepers.id
3 JOIN postcodes ON beekeeper_postcode.postcode_id = postcodes.id
4 GROUP BY beekeepers.id
5 ORDER BY mindiff;
```

<			
Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: 			
	id	lastname	mindiff
▶	21	Doe	0
	19	Wyman	2
	6	Toy	6
	3	Wintheiser	65
	2	Legros	66
	11	Pouros	84
	18	Crist	90



Kontrollieren

Kontrollieren

```
graph LR; A[Kontrollieren] --- B[Testing]; A --- C[IPA - Kriterien];
```

Testing

IPA - Kriterien



Abschluss

Aufgetretene Probleme

Neue Bootstrap Version

PHP switch

Role based Login redirect

Notifikationen

Zeitverzug

Reflexion

Zu Beginn zu viel vorgenommen

Ungenau informiert

Teilweise grosse Teilaufgaben

Zeitmanagement

A row of wooden figures, with one red figure standing out from a group of white ones.

Danksagung

Fragen