

LEEEZE TEIL 3

SIGN UP / SIGN IN

TASKBOARD

Inbox	In Progress	In Review	Complete
		<p>Ein Besucher soll Touren anlegen können, ...</p> <p>Ein Besucher soll Touren nach Kategorie filtern können, ...</p> <p>Ein Anwendung soll über ein einfaches Styling verfügen</p>	<p>Ein Besucher soll Touren anlegen können, ...</p> <p>Ein Besucher soll Touren nach Kategorie filtern können, ...</p> <p>Ein Anwendung soll über ein einfaches Styling verfügen</p>

TASKBOARD

Inbox

Ein Nutzer soll sich registrieren können

In Progress

Ein Nutzer soll sich registrieren können

In Review

Ein Nutzer soll sich ein- und ausloggen können

Complete

Ein Besucher soll Touren anlegen können, ...

Ein Besucher soll Touren nach Kategorie filtern können, ...

Ein Anwendung soll über ein einfaches Styling verfügen

USER STORY 4

Ein Nutzer soll sich registrieren
können

RUGBYGEMS

- ▶ Offizielles Paketsystem für Programmiersprache Ruby
- ▶ Stellt folgendes zur Verfügung:
 - ▶ Paketformat
 - ▶ Werkzeug zur Verwaltung von Paketen
 - ▶ Repostorium für deren Verteilung
- ▶ Ermöglicht Verwaltung mehrerer Versionen eines Pakets
- ▶ Offizielles Verzeichnis: <http://rubygems.org/>

(Rails/Ruby) Anwendung

Rubygems

Native Pakete



Betriebssystem

DEVISE

- ▶ Rubygem mit Funktionen zur Nutzerauthentifizierung
- ▶ De-facto-Standard für Rails-Applikationen
 - ▶ Sehr gute Integration in Rails
 - ▶ Gem enthält eine eigene kleine Rails-Applikation (Rails-Engine)
 - ▶ Controller
 - ▶ Views
 - ▶ Routen
 - ▶ ...

DEVISE

- ▶ Funktionen:
 - ▶ Nutzerregistrierung
 - ▶ Versand von Registrierungsbestätigungen
 - ▶ Login, Logout
 - ▶ „Passwort vergessen“-Funktion
 - ▶ Nutzer sperren
 - ▶ ...
- ▶ Funktionen sind in Modulen umgesetzt
 - ▶ Module lassen sich nach Bedarf aktivieren und deaktivieren

DEVISE INSTALLIEREN

```
29  
30 | gem 'devise'  
31 | gem 'devise-bootstrap-views'  
32 |
```

DEVISE INSTALLIEREN

- ▶ Im Terminal
 - ▶ \$ bundle install
 - ▶ \$ bundle exec rails generate devise:install
 - ▶ \$ bundle exec rails generate devise:views:bootstrap_templates
- ▶ In /assets/stylesheets/application.css
 - ▶ \$ *= require devise_bootstrap_views

DEVISE INSTALLIEREN

- ▶ config/environments/development.rb anpassen

```
37 config.assets.raise_runtime_errors = true
38
39 # Raises error for missing translations
40 # config.action_view.raise_on_missing_translations = true  [
41 config.action_mailer.default_url_options = { host: 'localhost', port: 3000 }
```

DEVISE EINRICHTEN

- ▶ Devise speichert Nutzer als ActiveRecord-Model
- ▶ Erzeugtes Model ist konfigurierbar
- ▶ Erstellung eines Devise User-Models:
 - ▶ `$ bundle exec rails generate devise User`
- ▶ Ausführen der erzeugten Migration:
 - ▶ `$ bundle exec rake db:migrate`

1. tmux

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ bundle exec rails g devise User
  invoke  active_record
  create    db/migrate/20160118061002_devise_create_users.rb
  create    app/models/user.rb
  invoke    rspec
  create    spec/models/user_spec.rb
  invoke    factory_girl
  create    spec/factories/users.rb
  insert    app/models/user.rb
  route    devise_for :users
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ bundle exec rake db:migrate
== 20160118061002 DeviseCreateUsers: migrating =====
-- create_table(:users)
 -> 0.0026s
-- add_index(:users, :email, {:unique=>true})
 -> 0.0009s
-- add_index(:users, :reset_password_token, {:unique=>true})
 -> 0.0005s
[...]
== 20160118061002 DeviseCreateUsers: migrated (0.0040s) =====
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ [ruby-2.3.0p0]
```

RAKE ROUTES

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ clear  
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ [ruby-2.3.0p0]  
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ rake routes  
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ rake routes  

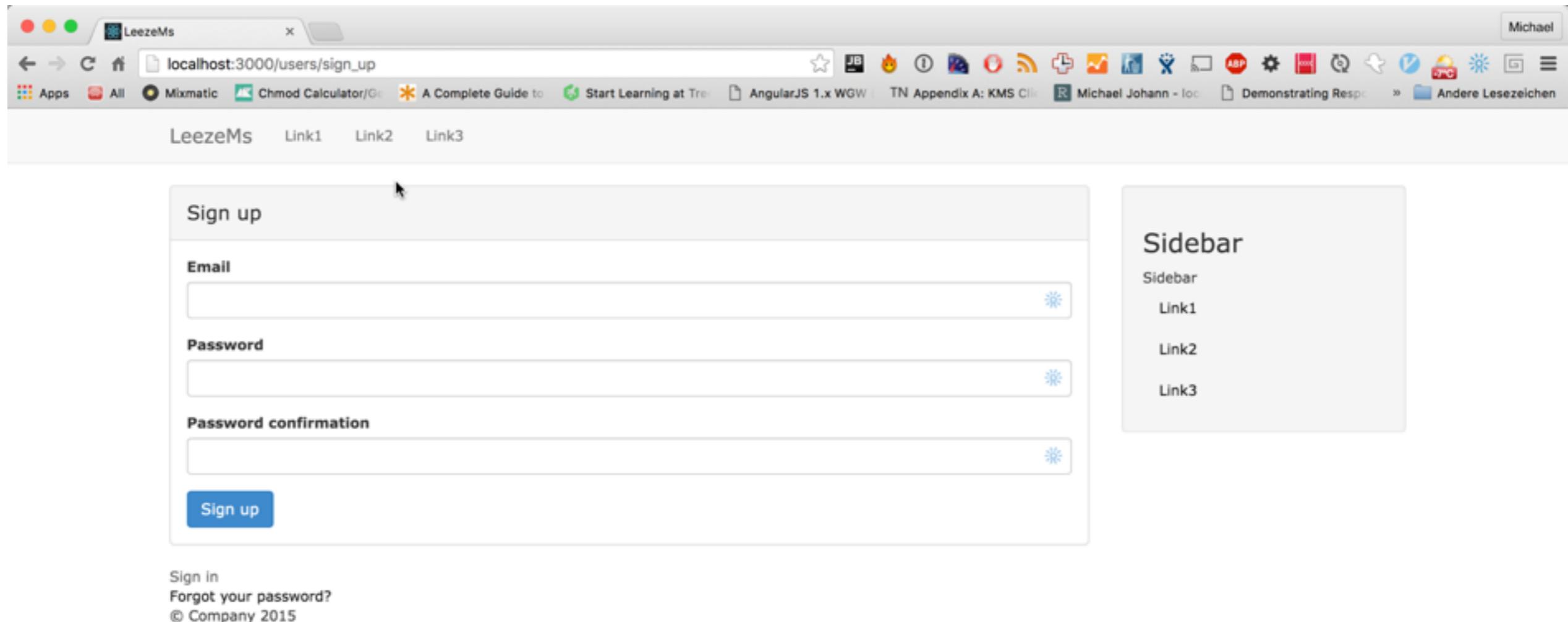

| Prefix                   | Verb   | URI Pattern                    | Controller#Action            |
|--------------------------|--------|--------------------------------|------------------------------|
| new_user_session         | GET    | /users/sign_in(.:format)       | devise/sessions#new          |
| user_session             | POST   | /users/sign_in(.:format)       | devise/sessions#create       |
| destroy_user_session     | DELETE | /users/sign_out(.:format)      | devise/sessions#destroy      |
| user_password            | POST   | /users/password(.:format)      | devise/passwords#create      |
| new_user_password        | GET    | /users/password/new(.:format)  | devise/passwords#new         |
| edit_user_password       | GET    | /users/password/edit(.:format) | devise/passwords#edit        |
|                          | PATCH  | /users/password(.:format)      | devise/passwords#update      |
|                          | PUT    | /users/password(.:format)      | devise/passwords#update      |
| cancel_user_registration | GET    | /users/cancel(.:format)        | devise/registrations#cancel  |
| user_registration        | POST   | /users(.:format)               | devise/registrations#create  |
| new_user_registration    | GET    | /users/sign_up(.:format)       | devise/registrations#new     |
| edit_user_registration   | GET    | /users/edit(.:format)          | devise/registrations#edit    |
|                          | PATCH  | /users(.:format)               | devise/registrations#update  |
|                          | PUT    | /users(.:format)               | devise/registrations#update  |
|                          | DELETE | /users(.:format)               | devise/registrations#destroy |
| tours                    | GET    | /tours(.:format)               | tours#index                  |
|                          | POST   | /tours(.:format)               | tours#create                 |
| new_tour                 | GET    | /tours/new(.:format)           | tours#new                    |
| edit_tour                | GET    | /tours/:id/edit(.:format)      | tours#edit                   |
|                          | tour   | /tours/:id(.:format)           | tours#show                   |
|                          | PATCH  | /tours/:id(.:format)           | tours#update                 |
|                          | PUT    | /tours/:id(.:format)           | tours#update                 |
|                          | DELETE | /tours/:id(.:format)           | tours#destroy                |
| category_tours           | GET    | /:category_id(.:format)        | tours#index                  |
| root                     | GET    | /                              | tours#index                  |

  
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●)$ [ruby-2.3.0p0]  
□ prezto ▶ mjohann ▶ 1 ruby ▶ 2: zsh ▶ "MBP15.local" 07:12 18-Jan-16
```

STORY 4: NUTZERREGISTRIERUNG

- ▶ Unter `http://localhost:3000/users/sign_up` stellt Devise ein Registrierungsformular bereit.
- ▶ Registrierung funktioniert bereits!
- ▶ Daher: Akzeptanztest für dieses Formular schreiben

STORY 4: NUTZERREGISTRIERUNG

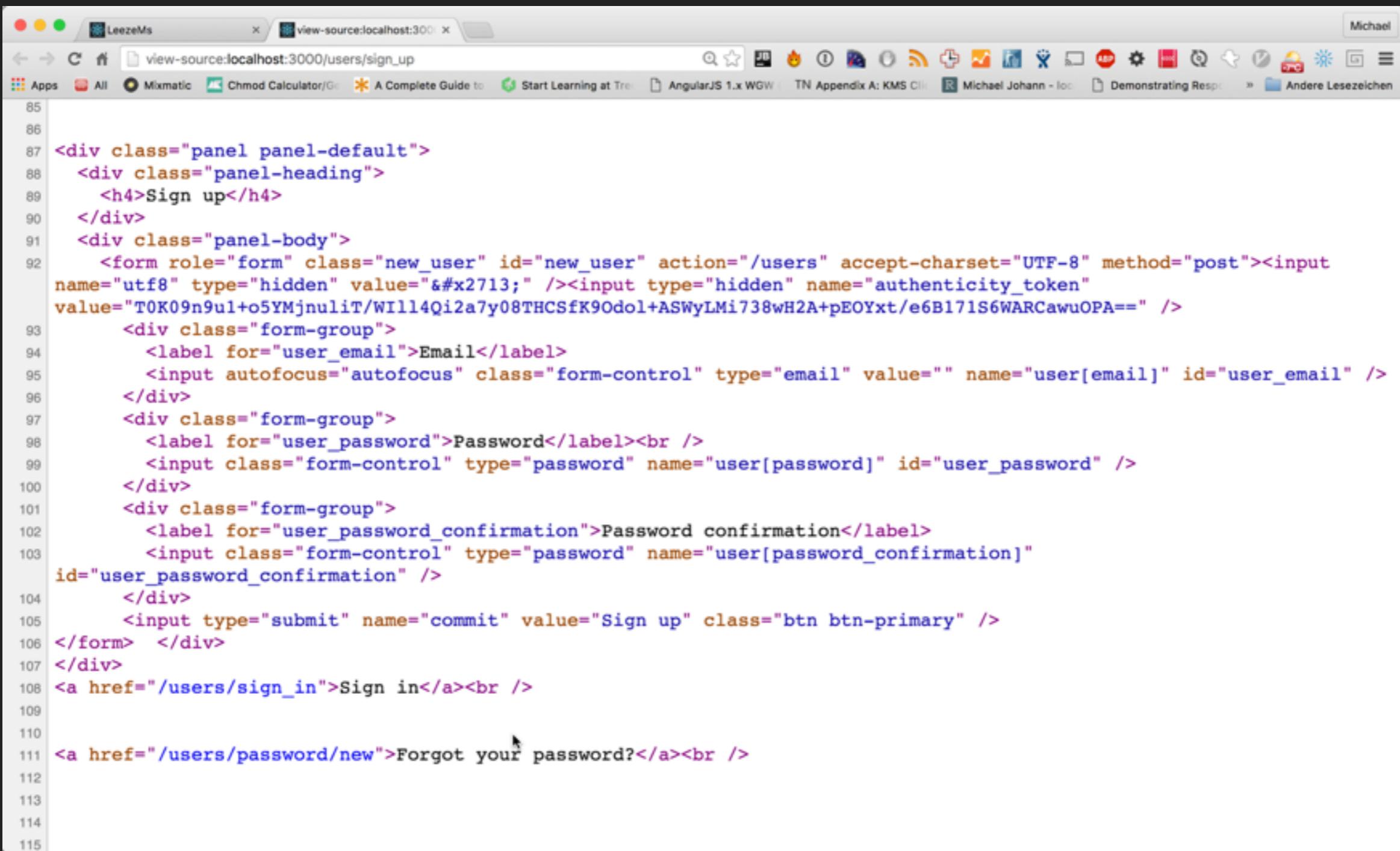


STORY 4: AKZEPTANZTEST

- ▶ Der Akzeptanztest könnte so ablaufen:
 - ▶ Klicke auf Link „Registrieren“
 - ▶ Fülle Formular aus
 - ▶ Klicke auf Button „Registrieren“
 - ▶ Es sollte ein Nutzer erstellt werden
 - ▶ Nutzer sollte eingeloggt sein
- ▶ Hierfür brauchen wir die Namen der Formularfelder und der Buttons

STORY 4: AKZEPTANZTEST

► Quelltext der Registrierungsseite



The screenshot shows a web browser window with the title "LeezeMs" and the URL "view-source:localhost:3000/users/sign_up". The browser's toolbar and menu bar are visible at the top. The main content area displays the HTML source code for a sign-up form. The code includes a panel heading "Sign up", a form with fields for email, password, and password confirmation, and links for sign-in and password recovery.

```
85
86
87 <div class="panel panel-default">
88   <div class="panel-heading">
89     <h4>Sign up</h4>
90   </div>
91   <div class="panel-body">
92     <form role="form" class="new_user" id="new_user" action="/users" accept-charset="UTF-8" method="post"><input
name="utf8" type="hidden" value="✓" /><input type="hidden" name="authenticity_token"
value="T0K09n9u1+o5YMjnulit/WI1l4Qi2a7y08THCSfK9Odol+ASWyLMi738wH2A+pEOYxt/e6B171S6WARCawuOPA==" />
93       <div class="form-group">
94         <label for="user_email">Email</label>
95         <input autofocus="autofocus" class="form-control" type="email" value="" name="user[email]" id="user_email" />
96       </div>
97       <div class="form-group">
98         <label for="user_password">Password</label><br />
99         <input class="form-control" type="password" name="user[password]" id="user_password" />
100      </div>
101      <div class="form-group">
102        <label for="user_password_confirmation">Password confirmation</label>
103        <input class="form-control" type="password" name="user[password_confirmation]"
id="user_password_confirmation" />
104      </div>
105      <input type="submit" name="commit" value="Sign up" class="btn btn-primary" />
106    </form> </div>
107  </div>
108  <a href="/users/sign_in">Sign in</a><br />
109
110
111 <a href="/users/password/new">Forgot your password?</a><br />
112
113
114
115
```

LEEZE TEIL 3

```
3 RSpec.feature 'Sign up',
4   'As a "user",
5     I want to sign up
6       so that I can manage my own tours' do
7     context 'at start page' do
8       scenario 'sign up' do
9         visit root_path
10
11       click_link 'Sign up'
12       fill_in 'user_email', with: 'helge@schneider.de'
13       fill_in 'user_password', with: '12345678'
14       fill_in 'user_password_confirmation', with: '12345678'
15
16       expect { click_button 'Sign up' }.to change { User.count }.by(1)
17       expect(page).to have_content 'Welcome, helge@schneider.de'
18     end
19   end
20 end
```

LEEZE TEIL 3

```
● ● ●
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_up_spec.rb [ruby-2.3.0p0]
F

Failures:

1) Sign up As a "user",
   I want to sign up
   so that I can manage my own tours at start page sign up
Failure/Error: click_link 'Sign up'
Capybara::ElementNotFound:
  Unable to find link "Sign up"
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:43:in `block in find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/base.rb:84:in `synchronize'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:32:in `find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/actions.rb:26:in `click_link'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/session.rb:698:in `block (2 levels) in <class:Session>'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/dsl.rb:51:in `block (2 levels) in <module:DSL>'
# ./spec/features/sign_up_spec.rb:11:in `block (3 levels) in <top (required)>'

Finished in 1.61 seconds (files took 4.05 seconds to load)
1 example, 1 failure

Failed examples:

rspec ./spec/features/sign_up_spec.rb:8 # Sign up As a "user",
  I want to sign up
  so that I can manage my own tours at start page sign up

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ [ruby-2.3.0p0]
```

STORY 4: AKZEPTANZTEST

- ▶ Navigation in ein Partial auslagern

```
38     </head>
39   <body>
40
41     <%= render 'shared/navigation' %>
42
43   <div class="container">
44     <div class="row">
45       <div class="col-lg-9">
46         <%= bootstrap_flash %>
47         <%= yield %>
48       </div>
49       <div class="col-lg-3">
50         <div class="well sidebar-nav">
51           <h3>Sidebar</h3>
52           <ul class="nav nav-list">
53             <li class="nav-header">Sidebar</li>
54             <li><%= link_to "Link1", "/path1" %></li>
55             <li><%= link_to "Link2", "/path2" %></li>
56             <li><%= link_to "Link3", "/path3" %></li>
57           </ul>
58         </div><!--/.well -->
59       </div><!--/span-->
60     </div><!--/row-->
```

STORY 4: AKZEPTANZTEST

- ▶ Navigation in ein Partial auslagern

```
1 <div class="navbar navbar-default navbar-static-top">
2   <div class="container">
3     <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
4       <span class="icon-bar"></span>
5       <span class="icon-bar"></span>
6       <span class="icon-bar"></span>
7     </button>
8     <a class="navbar-brand" href="#">LeezeMs</a>
9     <div class="navbar-collapse collapse navbar-responsive-collapse">
10    <ul class="nav navbar-nav">
11      <% Category.all.each do |category| %>
12        <li><%= link_to category.name, category_tours_path(category) %></li>
13      <% end %>
14      <li><%= link_to 'Sign up', new_user_registration_path %></li>
15    </ul>
16  </div>
17</div>
18</div>
```

LEEZE TEIL 3

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_up_spec.rb [ruby-2.3.0p0]
F

Failures:

1) Sign up As a "user",
   I want to sign up
   so that I can manage my own tours at start page sign up
Failure/Error: expect(page).to have_content 'Welcome, helge@schneider.de'
expected to find text "Welcome, helge@schneider.de" in "LeezeMs Sign up xWelcome! You have signed up successfully. Welcome!
You have signed up successfully. Listing Tours Title New Tour Sidebar Sidebar Link1 Link2 Link3 © Company 2015"
# ./spec/features/sign_up_spec.rb:17:in `block (3 levels) in <top (required)>'

Finished in 0.74507 seconds (files took 1.73 seconds to load)
1 example, 1 failure

Failed examples:

rspec ./spec/features/sign_up_spec.rb:8 # Sign up As a "user",
   I want to sign up
   so that I can manage my own tours at start page sign up

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ [ruby-2.3.0p0]

□ prezto ➤ mjohann ➤ 1: ruby ➤ 2 ruby
"MBP15.local" 08:27 18-Jan-16
```

STORY 4: AKZEPTANZTEST

- ▶ Devise stellt eine `current_user` Methode bereit
 - ▶ Nutzer eingeloggt \Leftrightarrow `current_user` enthält Instanz von `User`
- ▶ Nutzer nicht eingeloggt \Leftrightarrow `current_user == nil`
 - ▶ Daher: Falls `current_user` gesetzt ist, zeige die Mailadresse an. Falls nicht, zeige einen Registrierungs-Link an.

STORY 4: AKZEPTANZTEST

► Schritt 3: Mailadresse des Nutzers anzeigen

```
1 <div class="navbar navbar-default navbar-static-top">
2   <div class="container">
3     <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#"
4       <span class="icon-bar"></span>
5       <span class="icon-bar"></span>
6       <span class="icon-bar"></span>
7     </button>
8     <a class="navbar-brand" href="#">LeezeMs</a>
9     <div class="navbar-collapse collapse navbar-responsive-collapse">
10    <ul class="nav navbar-nav">
11      <% Category.all.each do |category| %>
12        <li><%= link_to category.name, category_tours_path(category) %></li>
13      <% end %>
14      <% if current_user.present? %>
15        <li>Welcome, <%= current_user.email %></li>
16      <% else %>
17        <li><%= link_to 'Sign up', new_user_registration_path %></li>
18      <% end %>
19    </ul>
20  </div>
21</div>
22</div>
```

LEEZE TEIL 3

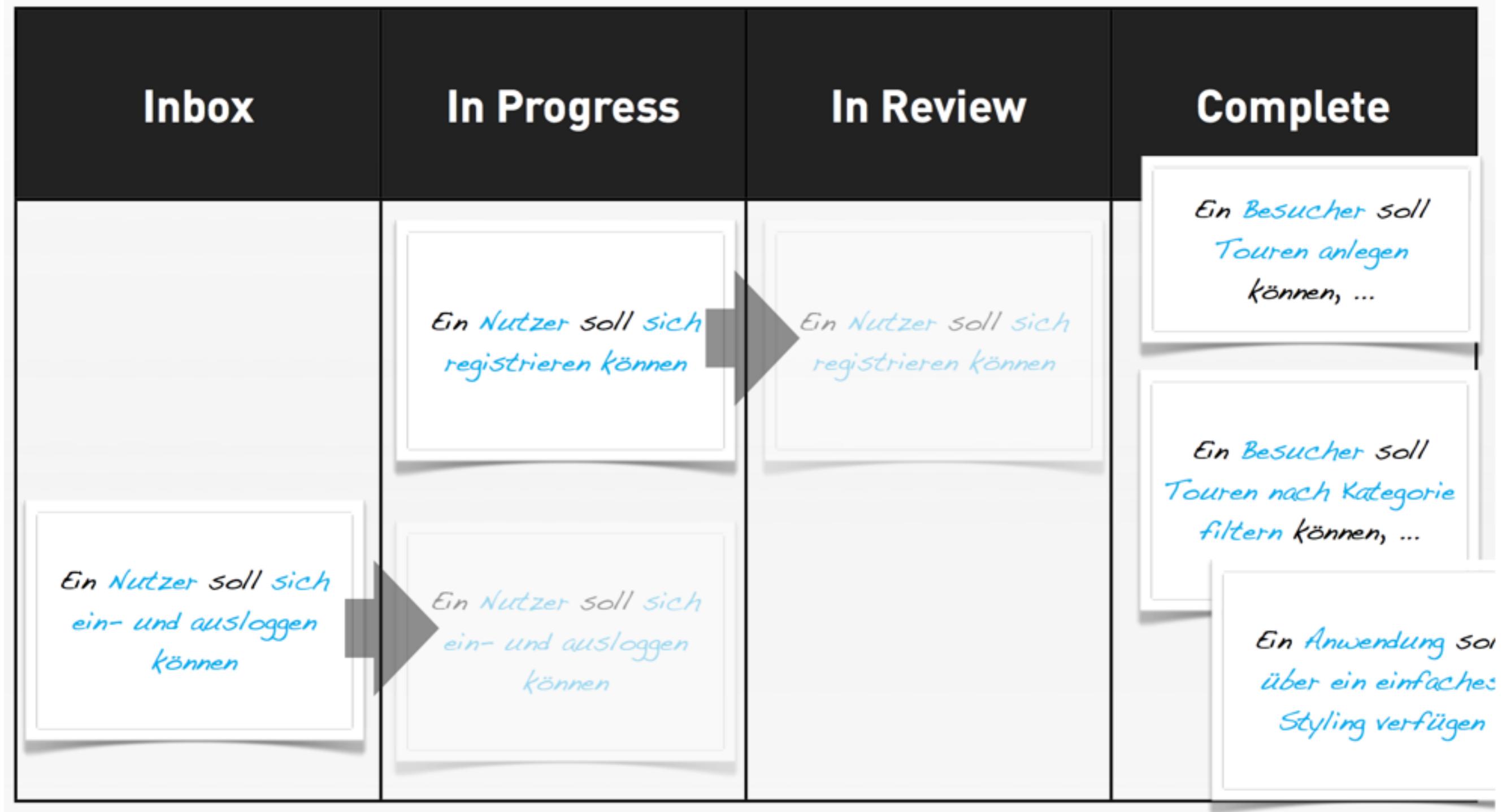
```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●●)$ bundle exec rspec spec/features/sign_up_spec.rb [ruby-2.3.0p0]
.

Finished in 0.67211 seconds (files took 2.34 seconds to load)
1 example, 0 failures

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●●)$
```

I

TASKBOARD



USER STORY 5: EINLOGGEN UND AUSLOGGEN

Ein Nutzer soll sich ein- und ausloggen können.

STORY 5: EINLOGGEN

- ▶ Idee für einen Akzeptanztest:
 - ▶ Erstelle einen Nutzer in der Datenbank
 - ▶ Klicke auf Link „Einloggen“
 - ▶ Gebe Nutzerdaten ein
 - ▶ Klicke auf Button „Einloggen“
 - ▶ Nutzer sollte eingeloggt sein
 - ▶ Zur Erstellung von Test-Nutzern brauchen wir eine Factory
 - ▶ Hierfür nutzen wir factory_girl

SCHRITT 1: USER FACTORY ANLEGEN

```
1 FactoryGirl.define do
2   factory :user do
3     email { Faker::Internet.email }
4     password '12345678'
5     password_confirmation '12345678'
6   end
7 end
```

SCHRITT 2: AKZEPTANZTEST SCHREIBEN

```
1  require 'rails_helper'  
2  
3  RSpec.feature 'Sign in',  
4      'As a registered "user",  
5      I want to sign in  
6      so that I can manage my own tours' do  
7      context 'at start page' do  
8          let(:user) { FactoryGirl.create(:user) }  
9  
10     scenario 'sign in' do  
11         visit root_path  
12  
13         click_link 'Sign in'  
14         fill_in 'user_email', with: user.email  
15         fill_in 'user_password', with: '12345678'  
16  
17         click_button 'Sign in'  
18  
19         expect(page).to have_content "Welcome, #{user.email}"  
20     end  
21 end  
22 end
```

SCHRITT 3: AKZEPTANZTEST AUSFÜHREN

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
F

Failures:

1) Sign in As a registered "user",
   I want to sign in
      so that I can manage my own tours at start page sign up
Failure/Error: click_link 'Sign in'
Capybara::ElementNotFound:
  Unable to find link "Sign in"
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:43:in `block in find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/base.rb:84:in `synchronize'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:32:in `find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/actions.rb:26:in `click_link'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/session.rb:698:in `block (2 levels) in <class:Session>'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/dsl.rb:51:in `block (2 levels) in <module:DSL>'
# ./spec/features/sign_in_spec.rb:13:in `block (3 levels) in <top (required)>'

Finished in 0.22648 seconds (files took 1.55 seconds to load)
1 example, 1 failure

Failed examples:

rspec ./spec/features/sign_in_spec.rb:10 # Sign in As a registered "user",
   I want to sign in
      so that I can manage my own tours at start page sign up

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ [ruby-2.3.0p0]
```

SCHRITT 4: LOGIN-LINK IN NAVIGATION EINBAUEN

SCHRITT 5: AKZEPTANZTEST AUSFÜHREN

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
.
Finished in 0.75377 seconds (files took 1.53 seconds to load)
1 example, 0 failures

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ [ruby-2.3.0p0]
```

STORY 5: AUSLOGGEN

```
7   context 'at start page' do
8     let(:user) { FactoryGirl.create(:user) }
9
10    scenario 'sign in' do ... end
11
12    scenario 'sign out' do
13      visit root_path
14
15      click_link 'Sign in'
16      fill_in 'user_email', with: user.email
17      fill_in 'user_password', with: '12345678'
18
19      click_button 'Sign in'
20      click_link 'Sign out'
21
22      expect(page).to_not have_content "Welcome, #{user.email}"
23      expect(page).to have_content 'Sign in'
24
25    end
26
27  end
28
29
```

STORY 5: TESTLAUF

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
.F

Failures:

  1) Sign in As a registered "user",
     I want to sign in
     so that I can manage my own tours at start page sign out
Failure/Error: click_link 'Sign out'
Capybara::ElementNotFound:
  Unable to find link "Sign out"
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:43:in `block in find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/base.rb:84:in `synchronize'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:32:in `find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/actions.rb:26:in `click_link'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/session.rb:698:in `block (2 levels) in <class:Session>'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/dsl.rb:51:in `block (2 levels) in <module:DSL>'
# ./spec/features/sign_in_spec.rb:30:in `block (3 levels) in <top (required)>'

Finished in 1.21 seconds (files took 1.51 seconds to load)
2 examples, 1 failure

Failed examples:

rspec ./spec/features/sign_in_spec.rb:22 # Sign in As a registered "user",
  I want to sign in
  so that I can manage my own tours at start page sign out

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ [ruby-2.3.0p0]
```

STORY 5: LOGOUT-LINK IN NAVIGATION EINBAUEN

```
1 <div class="navbar navbar-default navbar-static-top">
2   <div class="container">
3     <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
4       <span class="icon-bar"></span>
5       <span class="icon-bar"></span>
6       <span class="icon-bar"></span>
7     </button>
8     <a class="navbar-brand" href="#">LeezeMs</a>
9     <div class="navbar-collapse collapse navbar-responsive-collapse">
10    <ul class="nav navbar-nav">
11      <% Category.all.each do |category| %>
12        <li><%= link_to category.name, category_tours_path(category) %></li>
13      <% end %>
14      <% if current_user.present? %>
15        <li>Welcome, <%= current_user.email %></li>
16        <li><%= link_to 'Sign out', destroy_user_session_path, method: :delete %></li>
17      <% else %>
18        <li><%= link_to 'Sign in', new_user_session_path %></li>
19        <li><%= link_to 'Sign up', new_user_registration_path %></li>
20      <% end %>
21    </ul>
22  </div>
23</div>
24</div>
```

STORY 5: TESTLAUF

```
● ● ●
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
..
Finished in 0.65882 seconds (files took 2.46 seconds to load)
2 examples, 0 failures

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ █
```

STORY 5: REFACTORING

- ▶ Login- und Logout-Test sind nicht DRY.
- ▶ Formular ausfüllen und abschicken sollte ausgelagert werden.
- ▶ Nutzerlogin ist wahrscheinlich für weitere Tests relevant, sollte in mehreren Tests verfügbar sein.
- ▶ Hierfür erstellen wir einen TestHelper

TESTHELPER

- ▶ Methoden, die von mehreren Tests genutzt werden, lagert man in TestHelper aus
 - ▶ Test-Helper...
 - ▶ ... sind einfache Ruby-Module mit Methoden
 - ▶ ... befinden sich in spec/support/
 - ▶ ... müssen explizit in RSpec eingebunden werden

STORY 5: TESTHELPER ERSTELLEN

```
1  module AcceptanceTestHelper
2    def sign_in(user)
3      visit root_path
4
5      click_link 'Sign in'
6      fill_in 'user_email', with: user.email
7      fill_in 'user_password', with: '12345678'
8
9      click_button 'Sign in'
10   end
11 end
```

STORY 5: TESTHELPER EINBINDEN IN SPEC_HELPER.RB

```
18  # See http://rubydoc.info/gems/rspec-core/RSpec/Core/Configuration
19  require 'support/acceptance_test_helper'
20
21 RSpec.configure do |config|
22   # rspec-expectations config goes here. You can use an alternate
23   # assertion/expectation library such as wrong or the stdlib/minitest
24   # assertions if you prefer.
25
26   config.include AcceptanceTestHelper, type: :feature
27
28   config.expect_with :rspec do |expectations|
```

STORY 5: TESTHELPER VERWENDEN

```
1  require 'rails_helper'  
2  
3  RSpec.feature 'Sign in',  
4      'As a registered "user",  
5      I want to sign in  
6      so that I can manage my own tours' do  
7    context 'at start page' do  
8      let(:user) { FactoryGirl.create(:user) }  
9  
10   before(:each) do  
11     sign_in user  
12   end  
13  
14   scenario 'sign in' do  
15     expect(page).to have_content "Welcome, #{user.email}"  
16   end  
17  
18   scenario 'sign out' do  
19     click_link 'Sign out'  
20  
21     expect(page).to_not have_content "Welcome, #{user.email}"  
22     expect(page).to have_content 'Sign in'  
23   end  
24 end  
25 end
```

STORY 5: TESTS AUSFÜHREN

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
..
Finished in 0.6064 seconds (files took 1.44 seconds to load)
2 examples, 0 failures

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users●●)$ █ [ruby-2.3.0p0]
```

█

ERGEBNIS: NAVIGATION FÄLLT AUSEINANDER

The screenshot shows a web application titled "LeezeMs" running on "localhost:3000". The top navigation bar includes links for "LeezeMs", "Radtour", "Mountainbiketour", and "Radwandern". The user is logged in as "admin@rails-experts.com". A green success message box displays the text "Signed in successfully." A sidebar on the right contains the heading "Sidebar" and three links: "Link1", "Link2", and "Link3". The main content area shows a list of tours with the following details:

Title	Show	Edit	Destroy
Geführte Tour von der FH zu "Burg Erking"	Show	Edit	Destroy

At the bottom left, there is a link for "New Tour". The footer of the page includes the copyright notice "© Company 2015".

STORY 5: REFACTORING - LOGOUT BEI KLICK AUF EMAIL

```
1  require 'rails_helper'  
2  
3  RSpec.feature 'Sign in',  
4      'As a registered "user",  
5      I want to sign in  
6      so that I can manage my own tours' do  
7      context 'at start page' do  
8          let(:user) { FactoryGirl.create(:user) }  
9  
10     before(:each) do  
11         sign_in user  
12     end  
13  
14     scenario 'sign in' do  
15         expect(page).to have_content "Welcome, #{user.email}"  
16     end  
17  
18     scenario 'sign out' do  
19         click_link user.email  
20  
21         expect(page).to_not have_content "Welcome, #{user.email}"  
22         expect(page).to have_content 'Sign in'  
23     end  
24   end  
25 end
```

STORY 5: TESTLAUF

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users•)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
.F

Failures:

  1) Sign in As a registered "user",
     I want to sign in
     so that I can manage my own tours at start page sign out
  Failure/Error: click_link user.email
  Capybara::ElementNotFound:
    Unable to find link "reese@pfeffer.name"
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:43:in `block in find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/base.rb:84:in `synchronize'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/finders.rb:32:in `find'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/node/actions.rb:26:in `click_link'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/session.rb:698:in `block (2 levels) in <class:Session>'
# /Users/mjohann/.gem/ruby/2.3.0/gems/capybara-2.5.0/lib/capybara/dsl.rb:51:in `block (2 levels) in <module:DSL>'
# ./spec/features/sign_in_spec.rb:19:in `block (3 levels) in <top (required)>'

Finished in 0.66751 seconds (files took 2.44 seconds to load)
2 examples, 1 failure

Failed examples:

rspec ./spec/features/sign_in_spec.rb:18 # Sign in As a registered "user",
  I want to sign in
  so that I can manage my own tours at start page sign out

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users•)$ [ruby-2.3.0p0]
```

STORY 5: NAVIGATION ANPASSEN

```
1 <div class="navbar navbar-default navbar-static-top">
2   <div class="container">
3     <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
4       <span class="icon-bar"></span>
5       <span class="icon-bar"></span>
6       <span class="icon-bar"></span>
7     </button>
8     <a class="navbar-brand" href="#">LeezeMs</a>
9     <div class="navbar-collapse collapse navbar-responsive-collapse">
10    <ul class="nav navbar-nav">
11      <% Category.all.each do |category| %>
12        <li><%= link_to category.name, category_tours_path(category) %></li>
13      <% end %>
14      <% if current_user.present? %>
15        <li><%= link_to "Welcome, #{current_user.email}", destroy_user_session_path, method: :post %></li>
16      <% else %>
17        <li><%= link_to 'Sign in', new_user_session_path %></li>
18        <li><%= link_to 'Sign up', new_user_registration_path %></li>
19      <% end %>
20    </ul>
21  </div>
22</div>
23</div>
```

STORY 5: TESTLAUF

```
mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users)$ bundle exec rspec spec/features/sign_in_spec.rb [ruby-2.3.0p0]
..
Finished in 0.6624 seconds (files took 1.46 seconds to load)
2 examples, 0 failures

mjohann@MBP15 ~/projects/fhms/ws2015/leeze.ms (3_add_users)$
```

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STORY 5: ERGEBNIS

Signed in successfully.

Listing Tours

- Radtour
- Mountainbiketour
- Radwandern

Title		Show	Edit	Destroy
Geführte Tour von der FH zu "Burg Erking"		Show	Edit	Destroy

New Tour
© Company 2015

TASKBOARD

