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ФАКУЛЬТЕТ ИНФОРМАТИКА И СИСТЕМЫ УПРАВЛЕНИЯ

КАФЕДРА КОМПЬЮТЕРНЫЕ СИСТЕМЫ И СЕТИ (ИУ6)

НАПРАВЛЕНИЕ ПОДГОТОВКИ 09.03.01 Информатика и вычислительная техника

**О Т Ч Е Т**  
**по зачетной работе**

**Название:** Футбольный обозреватель  
**Дисциплина:** Языки интернет-программирования

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**Цель работы** — продемонстрировать полученные знания в создании собственного веб-приложения.

**Задание:** Мой футбольный обозреватель предназначен для просмотра прошедших матчей, нахождения матчей по определенным условиям, просмотр статистики матча и информации о команде. На сайте реализован авторизация и регистрация пользователей. Так же на сайте есть профиль пользователя и некоторые его данные, такие как любимый клуб и фото профиля, а также изменение этих параметров.

**Решение:**

## 1. Измененные контроллеры

### 1. Контроллер matches\_controller.rb

```
class MatchesController < ApplicationController
  before_action :set_match, only: %i[ show edit update destroy ]

  # GET /matches or /matches.json
  def index
    @db = Match.all
    @teams = Team.all
    @teams_name = {}
    @teams.each do |team|
      @teams_name[team[:team_name]] = team[:id]
    end
  end

  # GET /matches/1 or /matches/1.json
  def show
    @match = Match.find(params[:id])
    @match_stat = @match[:statistic].split(", ")
    @sop1 = Team.find(@match[:sop1_id])
    @sop2 = Team.find(@match[:sop2_id])
    @vlad = @match_stat[0].split
    @udar_v_stvor = @match_stat[1].split
    @udar_mimo = @match_stat[2].split
    @ugol_udar = @match_stat[3].split
    @shtraf_udar = @match_stat[4].split
  end

  def filters
```

```

@teams = Team.all
@team_id = params[:team]
@team_id = 1 if @team_id
@team_name = Team.find(@team_id)[:team_name] if @team_id
@years = params[:year]
@league = params[:league]
@place = params[:place]
@need_matches = Match.all
right_year if @years
right_league if @league
if @place == 'home'
  search_home
else
  search_guest
end
end

private

def right_year
  @year = @years.split(' ')
  @year[0] = "#{@year[0]}-01-01"
  @year[1] = "#{@year[1]}-01-01"
end

def right_league
  leg = @league.split()
  @leag = ""
  leg.each do |word|
    @leag += word[0]
  end
end

def search_home
  @need_matches = @need_matches.where(sop1_id: @team_id) if @team_id
  search
end

def search_guest
  @need_matches = @need_matches.where(sop2_id: @team_id) if @team_id
  search
end

def search
  @need_matches = @need_matches.where(match_date: @year[0]..@year[1]) if @years
  @need_matches = @need_matches.where(style: @leag) if @league
end

```

## 2. Контроллер teams\_controller.rb

```
class TeamsController < ApplicationController
  before_action :set_team, only: %i[ show edit update destroy ]

  # GET /teams/1 or /teams/1.json
  def show
    @team = Team.find(params[:id])
    @team_name = @team[:team_name]
    @coach = @team[:coach]
    @capitan = @team[:capitan]
    @year = @team[:year_of_creation]
  end
end
```

## 3. Контроллер user\_abouts\_controller.rb

```
class UserAboutsController < ApplicationController
  before_action :set_user_about, only: %i[ show edit update destroy ]

  # GET /user_abouts or /user_abouts.json
  def index
    @user_abouts = UserAbout.all
  end

  # GET /user_abouts/1 or /user_abouts/1.json
  def show
  end

  # GET /user_abouts/new
  def new
    @user_about = UserAbout.new
  end

  # GET /user_abouts/1/edit
  def edit
    user_id = params[:user_id]
    team_id = params[:team_id]
  end

  # POST /user_abouts or /user_abouts.json
  def create
    @user_about = UserAbout.new(user_about_params)
  end
end
```

```

respond_to do |format|
  if @user_about.save
    format.html { redirect_to user_about_url(@user_about), notice: "User about was successfully created." }
    format.json { render :show, status: :created, location: @user_about }
  else
    format.html { render :new, status: :unprocessable_entity }
    format.json { render json: @user_about.errors, status: :unprocessable_entity }
  end
end
end

# PATCH/PUT /user_abouts/1 or /user_abouts/1.json
def update
  respond_to do |format|
    if @user_about.update(user_about_params)
      format.html { redirect_to root_path, notice: "User about was successfully updated." }
    else
      format.html { render :edit, status: :unprocessable_entity }
      format.json { render json: @user_about.errors, status: :unprocessable_entity }
    end
  end
end

# DELETE /user_abouts/1 or /user_abouts/1.json
def destroy
  @user_about.destroy

  respond_to do |format|
    format.html { redirect_to user_abouts_url, notice: "User about was successfully destroyed." }
  }
  format.json { head :no_content }
end

private
# Use callbacks to share common setup or constraints between actions.
def set_user_about
  @user_about = UserAbout.find(params[:id])
end

# Only allow a list of trusted parameters through.
def user_about_params
  params.require(:user_about).permit(:fav_club, :image)
end

```

#### 4. Контроллер user\_controller.rb

```

class UserController < ApplicationController
  def profile
    @curr_user = User.find(parrams[:id])
  end
end

```

```

@username = @curr_user.email.split('@')[0]
@curr_info = UserAbout.find_by(id: params[:id])
@avatar = @curr_info.image
@fav_club = @curr_info.fav_club
@fav_club_name = Team.find(@fav_club)[:team_name] if @fav_club
@guest = @curr_info.comments
end
end

```

## 2. Модели

### 1.match.rb

```

class Match < ApplicationRecord
  has_many :teams
  has_many :comments
end

```

### 2. team.rb

```

class Team < ApplicationRecord
end

```

### 3. user.rb

```

class User < ApplicationRecord
  # Include default devise modules. Others available are:
  # :confirmable, :lockable, :timeoutable, :trackable and :omniauthable
  devise :database_authenticatable, :registerable,
  :recoverable, :rememberable, :validatable
  has_many :comments
  has_one :user_about
  after_create :create_user_about

  def create_user_about
    UserAbout.create!(user_id: self.id)
  end
end

```

### 4.user\_about.rb

```

class UserAbout < ApplicationRecord
  belongs_to :user
  has_one_attached :image
end

```

## 3. Представления

## 1. application.html.erb

```
<!DOCTYPE html>

<html>
<head>
<title>Zachet</title>
<meta name="viewport" content="width=device-width,initial-scale=1">
<%= csrf_meta_tags %>
<%= csp_meta_tag %>

<%= stylesheet_link_tag "application", "data-turbo-track": "reload" %>
<%= stylesheet_link_tag "drop_down_menu" %>
<%= javascript_importmap_tags %>
</head>

<body>
<% if current_user %>
<nav class="navbar navbar-light">
<li class="nav-item active">
<%= link_to "En", root_path( :locale => 'en' ), class:"btn btn-outline-light"%> /
</li>
<li class="nav-item active">
<%= link_to "Ru", root_path( :locale => 'ru' ), class:"btn btn-outline-light"%>
</li>
<p class='user_username'><%= current_user.email.split('@')[0] %></p>
<div class="dropdown">
<button class="dropbtn"><%= image_tag "ampbil.jpeg", class:
"image_inside_btn"%></button>
<div class="dropdown-content">
<%= link_to "#{t('profile')}", "/user/profile?id=#{current_user.id}", method: :get %>
<%= link_to "#{t('matches')}", root_path%>
<%= button_to "#{t('exit')}", destroy_user_session_path, data: { turbo: false }, method:
:delete, class: "exit_btn" %>
</div>
</div>
</nav>
<% end %>
<%= yield %>
</body>
</html>
```

## 2. sessions/new.html.erb

```
<div class='login_form_container'>

<h2 class='login_text'><%= t('log_in') %></h2>

<%= stylesheet_link_tag "login.css" %>

<%= form_for(resource, as: resource_name, url: session_path(resource_name)) do |f| %>
<div class="field mb-3">
<%= f.label t('email'), class: 'login_text form-label' %><br />
```

```

<%= f.email_field :email, autofocus: true, autocomplete: "email", class: 'form-control' %>
</div>

<div class="field mb-3">
<%= f.label t('pass_word'), class: 'login_text form-label' %><br />
<%= f.password_field :password, autocomplete: "current-password", class: 'form-control' %>
</div>

<% if devise_mapping.rememberable? %>
<div class="field mb-3 form-check">
<%= f.check_box :remember_me, class: 'form-check-input login-text' %>
<%= f.label t('remember_me'), class: 'login_text', class: 'form-check-label' %>
</div>
<% end %>

<div class="actions">
<%= f.submit t('log_in'), class: 'btn btn-primary' %>
</div>

<%# <div class="video_with_link">
<input type="button" value="Бонус" class="PlayPauseVideo btn btn-primary">
<video class="video" width="380px" height="250px" src="/video/Ankara_Messi.mp4"
class="PlayPauseVideo"></video>
</div> %>
<% end %>

<%= render "devise/shared/links" %>
</div>

```

### 3. registrations/new.html.erb

```

<%= stylesheet_link_tag "signup.css" %>

<div class='login_form container'>
<h2 class='login_text'><%= "#{t('sign_up')}}" %></h2>

<%= form_for(resource, as: resource_name, url: registration_path(resource_name), data:
{turbo: false}) do |f| %>
<div class="field mb-3">
<%= f.label "#{t('email')}}" , class: 'login_text form-label' %><br />
<%= f.email_field :email, autofocus: true, autocomplete: "email", class: 'form-control' %>
</div>

<div class="field mb-3">
<%= f.label "#{t('pass_word')}}" , class: 'login_text form-label' %>
<% if @minimum_password_length %>
<em>(<%= @minimum_password_length %> characters minimum)</em>
<% end %><br />
<%= f.password_field :password, autocomplete: "new-password", class: 'form-control' %>
</div>

<div class="field mb-3">

```



```
<%= f.label "#{t('pass_conf')}", class: 'login_text form-label' %><br />
<%= f.password_field :password_confirmation, autocomplete: "new-password", class:
'form-control' %>
</div>
```

```
<%= render "devise/shared/links" %>
```

```
<div class="actions">
<%= f.submit "#{t('sign_up')}", class: 'btn btn-primary' %>
</div>
<% end %>
```

```
</div>
```

```
<%= render "devise/shared/error_messages", resource: resource %>
```

#### 4. registrations/edit.html.erb

```
<div class='login_form container'>
```

```
<h2 class='login_text'>Редактирование пользователя</h2>
<%= stylesheet_link_tag "edit_user.css" %>
```

```
<%= form_for(resource, as: resource_name, url: registration_path(resource_name), html:
{ method: :put, data: {turbo: false} }) do |f| %>
```

```
<div class="field mb-3">
<%= f.label "Почта", class: 'login_text form-label' %>Почта<br />
<%= f.email_field :email, autofocus: true, autocomplete: "email", class: 'form-control' %>
</div>
```

```
<% if devise_mapping.confirmable? && resource.pending_reconfirmation? %>
<div>Currently waiting confirmation for: <%= resource.unconfirmed_email %></div>
<% end %>
```

```
<div class="field">
<%= f.label "Пароль", class: 'login_text form-label' %> <br />
<%= f.password_field :password, autocomplete: "new-password", class: 'form-control' %>
<% if @minimum_password_length %>
<br />
<em><%= @minimum_password_length %> characters minimum</em>
<% end %>
</div>
```

```
<div class="field mb-3">
<%= f.label "Подтвердите пароль", class: 'login_text form-label' %>Подтвердите
пароль<br />
<%= f.password_field :password_confirmation, autocomplete: "new-password", class:
'form-control' %>
</div>
```

```
<div class="field mb-3">
```

```

<%= f.label "Текущий пароль", class: 'login_text form-label' %> <i>Старый
пароль</i><br />
<%= f.password_field :current_password, autocomplete: "current-password" %>
</div>
<% end %>
</div>

```

```

<div class='error'>
<%= render "devise/shared/error_messages", resource: resource %>
</div>

```

## 5. matches/index.html.erb

```

<h1><%= "# {t('matches')}}" %> </h1>

```

```

<%= stylesheet_link_tag "show_match.css" %>

```

```

<div class="filters">
<%= form_tag("/match/filters", :method => :get) do %>
<select name="team">
<option value="" disabled selected><%= "# {t('team')}}" %> </option>
<%= options_for_select(@teams_name)%>
</select>
<select name="year">
<option value="" disabled selected><%= "# {t('season')}}" %> </option>
<option value='2018-2019'>18/19</option>
<option value='2019-2020'>19/20</option>
<option value='2020-2021'>20/21</option>
<option value='2021-2022'>21/22</option>
<option value='2022-2023'>22/23</option>
</select>
<select name="league">
<option value="" disabled selected><%= "# {t('league')}}" %> </option>
<option value='Бауманская Футбольная Лига'><%= "# {t('league_b')}}" %> </option>
<option value='Измайловская Футбольная Лига'><%= "# {t('league_i')}}" %> </option>
</select>
<select name="place">
<option value='home'><%= "# {t('place_home')}}" %> </option>
<option value='guest'><%= "# {t('place_guest')}}" %> </option>
</select>
<%= submit_tag( "# {t('search')}}" , class: 'btn btn-success' ) %>
<% end %>
</div>

```

```

<div class='today_matches'>
<% @db.each do |zap| %>
<% id = zap.id %>
<div class='one_match' id='<%= zap.id %>'>
<p class='sop'><%= @teams.find(zap[:sop1_id]):team_name %> - <%=
@teams.find(zap[:sop2_id]):team_name %> </p>
<p class='style'><%= zap.style %> </p>

```

```

<p class='schet'><%= "#{t('schet')}}" %>: <%= zap.schet%></p>
<p class='date'><%= "#{t('date')}}" %>: <%= zap.match_date %></p>
<button><%= link_to "#{t('statistic')}", match_path(locale, id), method: :get, id:
'stat_button', :style=>'color: black; text-decoration: none' %></button>
</div>
<% end %>
</div>

```

## 6. matches/show.html.erb

```

<%= stylesheet_link_tag "show_stat.css" %>

```

```

<%= stylesheet_link_tag "comments.css" %>

```

```

<div class='match container-sm'>
<div class='statistic'>
<div class='sop'>
<span class='sop'><%= link_to @sop1[:team_name], team_path(locale, @sop1) %> <%=
link_to @sop2[:team_name], team_path(locale, @sop2) %></span>
</div>
</div>
<div class='statistic'>
<div class='schet'>
<p class='text-center st'><%= "#{t('schet')}}" %> <%= @match[:schet]%></p>
</div>
</div>
<div class='statistic'>
<p class='text-center st_title'><%= "#{t('statistic')}}" %> </p>
<p class='text-center'><%= "#{t('possession')}}" %> </p>
<span class='statik'><%= @vlad[0] %></span>
<span class='statik'><%= @vlad[1] %></span>
</div>
<div class='statistic'>
<p class='text-center'><%= "#{t('udar_v_stvor')}}" %></p>
<span class='statik'><%= @udar_v_stvor[0] %></span>
<span class='statik'><%= @udar_v_stvor[1] %></span>
</div>
<div class='statistic'>
<p class='text-center'><%= "#{t('udar_mimo')}}" %></p>
<span class='statik'><%= @udar_mimo[0] %></span>
<span class='statik'><%= @udar_mimo[0] %></span>
</div>
<div class='statistic'>
<p class='text-center'><%= "#{t('ugol_udar')}}" %></p>
<span class='statik'><%= @ugol_udar[0] %></span>
<span class='statik'><%= @ugol_udar[1] %></span>
</div>
<div class='statistic'>

```

```

<p class='text-center'><%= "#{t('shtraf_udar')}}" %></p>
<span class='statik'><%= @shtraf_udar[0] %></span>
<span class='statik'><%= @shtraf_udar[1] %></span>
</div>
<%= button_to "#{t('exit')}", root_path, class: "back_to_all btn btn-outline-primary",
method: :get %>
</div>

```

## 7. matches/filters.html.erb

```

<h1><%= "#{t('matches')}}" %></h1>

<%= stylesheet_link_tag "show_match.css" %>
<%= stylesheet_link_tag "filters.css" %>

<h1></h1>
<% if @team_name %>
<h1><%= "#{t('team_name')}}" %>: <%= @team_name %> </h1>
<% end %>
<% if @year %>
<h1><%= "#{t('season')}}" %>: <%= @years %> </h1>
<% end %>
<% if @league %>
<h1><%= "#{t('league')}}" %>: <%= @league %> </h1>
<% end %>
<%= button_to "#{t('back')}", root_path, method: :get %>

<% if @array < 180 %>
<div class='today_matches'>
<% @need_matches.each do |zap| %>
<% id = zap.id %>
<div class='one_match' id=<%= zap.id %>>
<p class='sop'><%= @teams.find(zap[:sop1_id]):team_name %> - <%=
@teams.find(zap[:sop2_id]):team_name %></p>
<p class='style'><%= zap.style %></p>
<p class='schet'><%= "#{t('schet')}}" %> <%= zap.schet %></p>
<p class='date'><%= "#{t('date')}}" %> <%= zap.match_date %></p>
<button><%= link_to "#{t('statistic')}", match_path(locale, id), method: :get, id:
'stat_button', :style=>'color: black; text-decoration: none' %></button>
</div>
<% end %>
</div>
<% else %>
<h1><%= "#{t('no_matches')}}" %> </h1>
<% end %>

```

## 8. teams/show.html.erb

```
<h1><%= "#{t('team_info')}}" %></h1>
```

```
<%= stylesheet_link_tag "show_team.css" %>
```

```
<div class='today_matches'>
<div class='one_match'>
<p class='name'><%= "#{t('team_name')}}" %>: <%= @team_name %></p>
<p class='coach'><%= "#{t('coach')}}" %>: <%= @coach %></p>
<p class='cap'><%= "#{t('cap')}}" %>: <%= @capitan %></p>
<p class='year'><%= "#{t('year_of_creation')}}" %>: <%= @year %></p>
<%= button_to "#{t('exit')}", root_path, class: "back_to_all btn btn-outline-primary",
method: :get %>
</div>
</div>
```

## 9. user/profile.html.erb

```
<%= stylesheet_link_tag "profile.css" %>
```

```
<h1><%= @username %></h1>
<div class='about'>
<table class="table table-hover" style="width: 540px">
<tr>
<td>
<%= "#{t('fav_club')}}" %>:
</td>
<td>
<span class='favsb'><%= @fav_club_name %></span>
</td>
</tr>
<tr>
<td>
<%= "#{t('comments_count')}}" %>:
</td>
<td>
<span class='guest'><%= @guest %></span>
```

```

</td>
</tr>
</table>
<% if @curr_info.image.attached? %>
<div class='image'>
<%= image_tag @avatar, class: "image", width: "40%" %>
</div>
<% else %>
<div class='image'>
<%= image_tag 'ampbil.jpeg', class: "image", width: "40%" %>
</div>
<% end %>

</div>
</br>
<%= button_to "#{t('update')}", edit_user_about_path(locale, current_user.id), method:
:get %>

```

## 10. user/edit\_profile.html.erb

```

<%= render "form", user_about: @user_about %>

<%= stylesheet_link_tag "signup.css" %>
<div class='login_form container'>
<h2 class='login_text'><%= "#{t('fav_club')}"%></h2>

<%= form_with(model: @user_dop_info, url: user_about_path) do |f| %>
<div class="field mb-3">
<%= f.label "#{t('fav_club')}", class: 'login_text form-label' %>
<% teams = Team.all %>
<% teams_name = {} %>
<% teams.each do |team| %>
<% teams_name[team[:team_name]] = team[:id] %>
<% end %>

<%= f.select(:favorsb, ["Клуб", *teams_name]) %>
</div>

<div class="field mb-3">
<%= f.label "#{t('picture')}", class: 'login_text form-label' %><br />
<%= f.file_field :image, class: 'add_image_url' %>
</div>

<div class="actions">
<%= f.submit "#{t('submit')}", class: 'btn btn-primary' %>
</div>
<% end %>
</div>

```

## 4. Маршруты

**Rails.application.routes.draw do**

```
scope '(:locale)', locale: /#{I18n.available_locales.join("|")}/ do
  resources :user_abouts
  resources :matches do
    resources :comments
  end
  get 'team/show'
  resources :team
  get 'user/profile'
  get 'match/show_stat'
  root 'matches#index'
  get 'match/filters'
  devise_for :users
  get 'user/edit_info'
end
```

*# Define your application routes per the DSL in <https://guides.rubyonrails.org/routing.html>*

*# Defines the root path route ("/")*

*# root "articles#index"*

**end**

## 5. Локали

### 1. en.yml

```
en:
  email: 'Email'
  log_in: "Login"
  log_in1: "Login"
  pass_word: "Password"
  remember_me: "Remember"
  sign_up: "Register"
  sign_up1: "Register"
  forgot_password: "Forgot password?"
  confirm_instr: "Didn't receive confirmation instructions?"
  unlock_instr: "Didn't receive unlock instructions?"
  user_name: "Username"
  pass_conf: "Confirm password"
```

```
characters_minimum: "minimum characters"
resend_conf_instr: "Resend confirmation instructions"
edit_user: "Change profile"
curr_pass: "Current password"
update: "Edit"
back: "Back"
submit: "Confirm"
show_button: "Open"
schet: "Score"
date: "Date"
statistic: "Statistics"
match: "Match"
team: 'Team'
season: 'Season'
league: 'League'
league_b: 'BFL'
league_i: 'IFL'
league_ch: 'WC'
place_home: 'Home'
place_guest: 'Guest'
search: 'Search'
profile: 'Profile'
matches: 'Matches'
exit: 'Exit'
fav_club: 'Favorite club'
comments_count: 'Comments count'
edit_user_about: 'Edit user_about'
possession: 'Possession'
udar_v_stvor: 'Shots on target'
udar_mimo: 'Shots off-target '
ugol_udar: 'Corner kicks'
shtraf_udar: 'Free kick'
team_name: 'Team name'
coach: 'Coach'
cap: 'Capitan'
year_of_creation: 'Year of creation'
team_info: 'Info about team'
no_matches: "No matches"
picture: "Picture"
advanced: 'Advanced options'
```

## 2. ru.yml

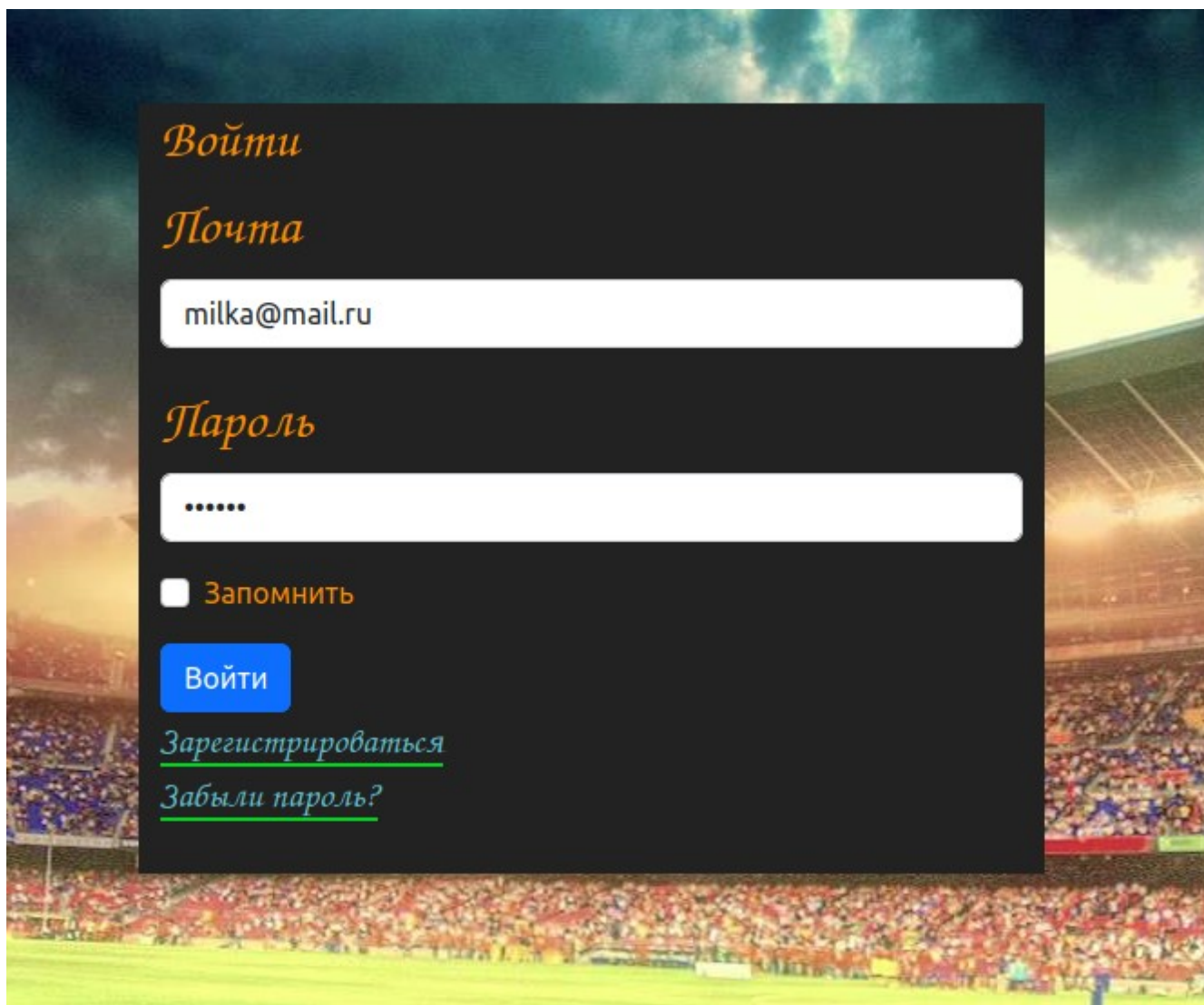
```
ru:
email: 'Почта'
log_in: "Войти"
log_in1: "Вход"
pass_word: "Пароль"
remember_me: "Запомнить"
sign_up: "Зарегистрироваться"
sign_up1: "Регистрация"
```



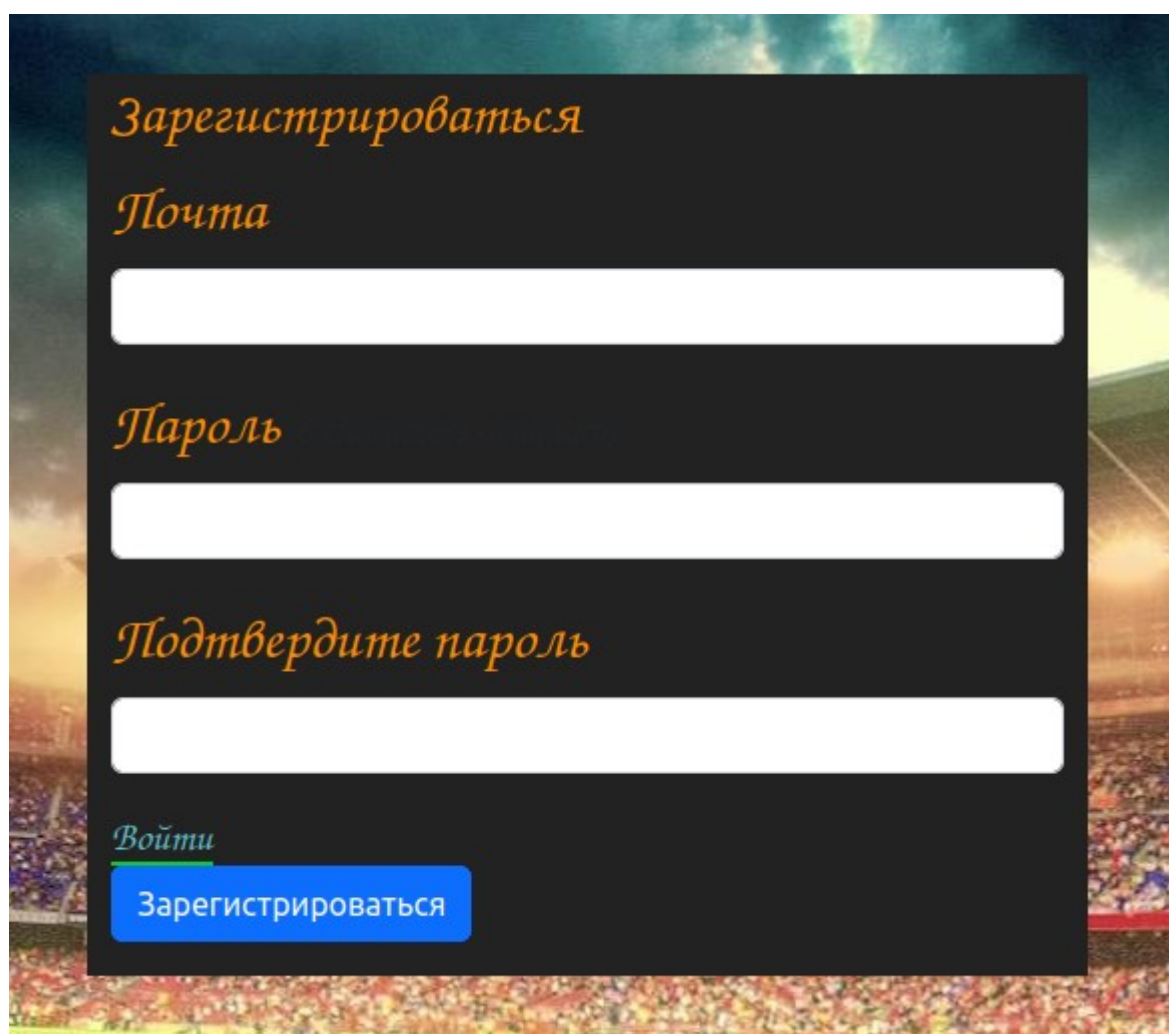
forgot\_password: "Забыли пароль?"  
confirm\_instr: "Не получили инструкции по подтверждению?"  
unlock\_instr: "Не получили инструкции по разблокировке?"  
user\_name: "Имя пользователя"  
pass\_conf: "Подтвердите пароль"  
characters\_minimum: "6 символов минимум"  
resend\_conf\_instr: "Повторно отправить инструкции по подтверждению"  
edit\_user: "Изменить профиль"  
curr\_pass: "Текущий пароль"  
update: "Изменить"  
cancel\_account: "Удалить аккаунт"  
back: "Назад"  
schet: "Счет"  
date: "Дата"  
statistic: "Статистика"  
match: "Матчи"  
team: 'Команда'  
season: 'Сезон'  
league: 'Лига'  
league\_b: 'БФЛ'  
league\_i: 'ИФЛ'  
league\_ch: 'ЧМ'  
place\_home: 'Дома'  
place\_guest: 'В гостях'  
search: 'Искать'  
profile: 'Профиль'  
matches: 'Матчи'  
exit: 'Выход'  
fav\_club: 'Любимый клуб'  
comments\_count: 'Всего комментариев'  
edit\_user\_about: 'Изменение дополнительных настроек пользователя'  
possession: 'Владение мячом'  
udar\_v\_stvor: "Удары в створ"  
udar\_mimo: "Удары мимо"  
ugol\_udar: "Угловые удары"  
shtraf\_udar: "Штрафные удары"  
team\_name: 'Название команды'  
coach: 'Тренер'  
cap: 'Капитан'  
year\_of\_creation: 'Год создания'  
team\_info: 'Информация о команде'  
no\_matches: "Нет матчей, удовлетворяющих данным требованиям ;("  
picture: "Картинка"  
advanced: 'Продвинутые изменения'

## 6. Интерфейс:

### 1. Входа



## 2. Регистрации

A registration form is displayed as a dark, semi-transparent overlay on a background image of a crowded stadium at sunset. The form contains the following elements:

- The title "Зарегистрироваться" (Register) in a stylized orange font.
- The label "Почта" (Email) in the same orange font, followed by a white rectangular input field.
- The label "Пароль" (Password) in the same orange font, followed by a white rectangular input field.
- The label "Подтвердите пароль" (Confirm password) in the same orange font, followed by a white rectangular input field.
- A link labeled "Войти" (Login) in a light blue font with a green underline.
- A blue button with the text "Зарегистрироваться" (Register) in white.

## 3. Все матчи

En

Ru

milka

# Матчи

Команда

Сезон

Лига

Дома

Искать


<div>Galatasaray - Borussia Dortmund</div> <div>БФЛ</div> <div>Счет: 4-0</div> <div>Дата: 2018-05-28</div> <div>Статистика</div>	<div>Liverpool - Benfica</div> <div>БФЛ</div> <div>Счет: 4-1</div> <div>Дата: 2018-04-02</div> <div>Статистика</div>	<div>AS Roma - Inter Milan</div> <div>БФЛ</div> <div>Счет: 3-0</div> <div>Дата: 2018-06-06</div> <div>Статистика</div>	<div>Borussia Dortmund - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 2-4</div> <div>Дата: 2018-03-16</div> <div>Статистика</div>	<div>Galatasaray - Inter Milan</div> <div>БФЛ</div> <div>Счет: 5-1</div> <div>Дата: 2018-01-23</div> <div>Статистика</div>	<div>Benfica - AS Roma</div> <div>БФЛ</div> <div>Счет: 2-1</div> <div>Дата: 2018-05-14</div> <div>Статистика</div>	<div>Liverpool - Benfica</div> <div>БФЛ</div> <div>Счет: 2-1</div> <div>Дата: 2018-02-04</div> <div>Статистика</div>	<div>Schalke 04 - Juventus</div> <div>БФЛ</div> <div>Счет: 3-0</div> <div>Дата: 2018-02-27</div> <div>Статистика</div>
<div>AS Roma - Inter Milan</div> <div>БФЛ</div> <div>Счет: 3-2</div> <div>Дата: 2018-03-20</div> <div>Статистика</div>	<div>Schalke 04 - Borussia Dortmund</div> <div>БФЛ</div> <div>Счет: 4-1</div> <div>Дата: 2018-05-31</div> <div>Статистика</div>	<div>AS Roma - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 1-3</div> <div>Дата: 2018-05-18</div> <div>Статистика</div>	<div>Galatasaray - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 1-3</div> <div>Дата: 2018-03-18</div> <div>Статистика</div>	<div>Schalke 04 - Inter Milan</div> <div>БФЛ</div> <div>Счет: 2-1</div> <div>Дата: 2018-05-16</div> <div>Статистика</div>	<div>Galatasaray - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 5-1</div> <div>Дата: 2018-01-23</div> <div>Статистика</div>	<div>Juventus - Liverpool</div> <div>БФЛ</div> <div>Счет: 5-4</div> <div>Дата: 2018-05-03</div> <div>Статистика</div>	<div>AS Roma - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 4-1</div> <div>Дата: 2018-03-15</div> <div>Статистика</div>
<div>LA Galaxy - Juventus</div> <div>БФЛ</div> <div>Счет: 5-0</div> <div>Дата: 2018-04-07</div> <div>Статистика</div>	<div>Benfica - Borussia Dortmund</div> <div>БФЛ</div> <div>Счет: 3-1</div> <div>Дата: 2018-06-04</div> <div>Статистика</div>	<div>Liverpool - LA Galaxy</div> <div>БФЛ</div> <div>Счет: 2-4</div> <div>Дата: 2018-04-07</div> <div>Статистика</div>	<div>Liverpool - Borussia Dortmund</div> <div>БФЛ</div> <div>Счет: 3-0</div> <div>Дата: 2018-03-06</div> <div>Статистика</div>	<div>AC Milan - Atletico Madrid</div> <div>ИФЛ</div> <div>Счет: 2-2</div> <div>Дата: 2018-04-28</div> <div>Статистика</div>	<div>Arsenal - Valencia CF</div> <div>ИФЛ</div> <div>Счет: 2-3</div> <div>Дата: 2018-04-26</div> <div>Статистика</div>	<div>Tottenham Hotspur - Arsenal</div> <div>ИФЛ</div> <div>Счет: 3-1</div> <div>Дата: 2018-02-22</div> <div>Статистика</div>	<div>Arsenal - Paris Saint Germain</div> <div>ИФЛ</div> <div>Счет: 1-4</div> <div>Дата: 2018-03-14</div> <div>Статистика</div>

4. Статистика матча

En

Ru

milka



Galatasaray

Inter Milan

Счет 5-1

Статистика

Владение мячом

Удары в створ

Удары мимо

Угловые удары

Штрафные удары

Выход

50

7

9

5

0

50

10

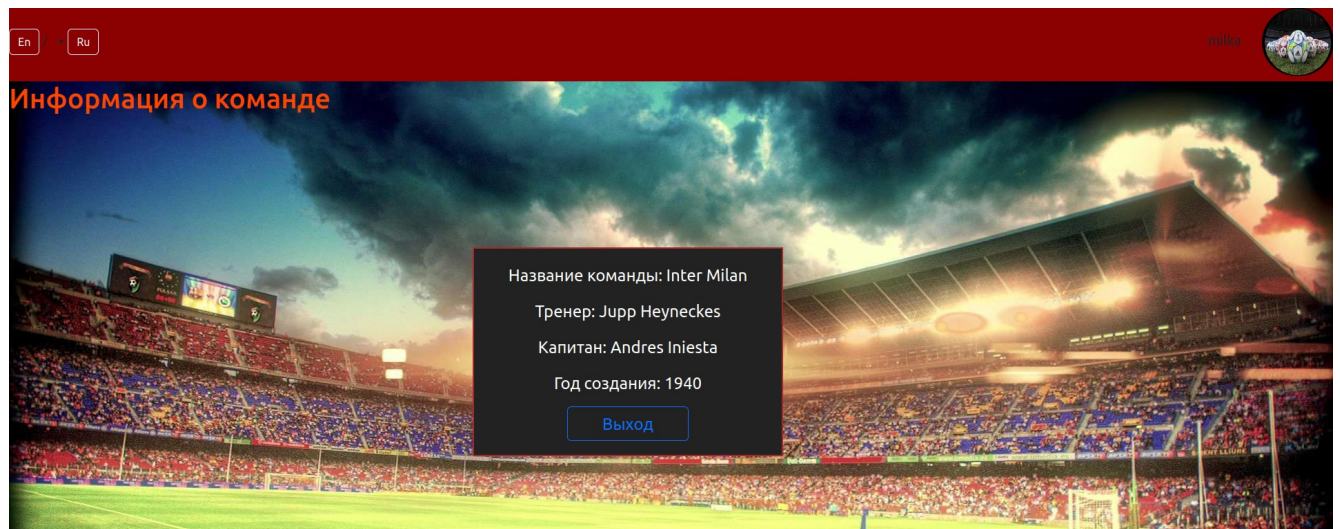
9

1

5

5. Информация о команде





## 6. Фильтры

### а) Устанавливаем фильтры



### б) Результат

**Матчи**  
 Название команды: Liverpool  
 Сезон: 2018-2019  
 Лига: Бауманская Футбольная Лига

[Назад](#)

Juventus - Liverpool БФЛ Счет 5-4 Дата 2018-05-03 <a href="#">Статистика</a>	Schalke 04 - Liverpool БФЛ Счет 1-0 Дата 2021-01-05 <a href="#">Статистика</a>	LA Galaxy - Liverpool БФЛ Счет 2-4 Дата 2019-03-30 <a href="#">Статистика</a>	Tottenham Hotspur - Liverpool БФЛ Счет 4-1 Дата 2020-08-25 <a href="#">Статистика</a>	Juventus - Liverpool БФЛ Счет 0-3 Дата 2020-05-17 <a href="#">Статистика</a>	Tottenham Hotspur - Liverpool БФЛ Счет 1-4 Дата 2019-04-07 <a href="#">Статистика</a>	Tottenham Hotspur - Liverpool БФЛ Счет 3-3 Дата 2022-01-26 <a href="#">Статистика</a>	Juventus - Liverpool БФЛ Счет 0-3 Дата 2018-11-22 <a href="#">Статистика</a>
--	--	---	---	--	---	---	--

## 7. Профиль пользователя

En


Ru

**milka**

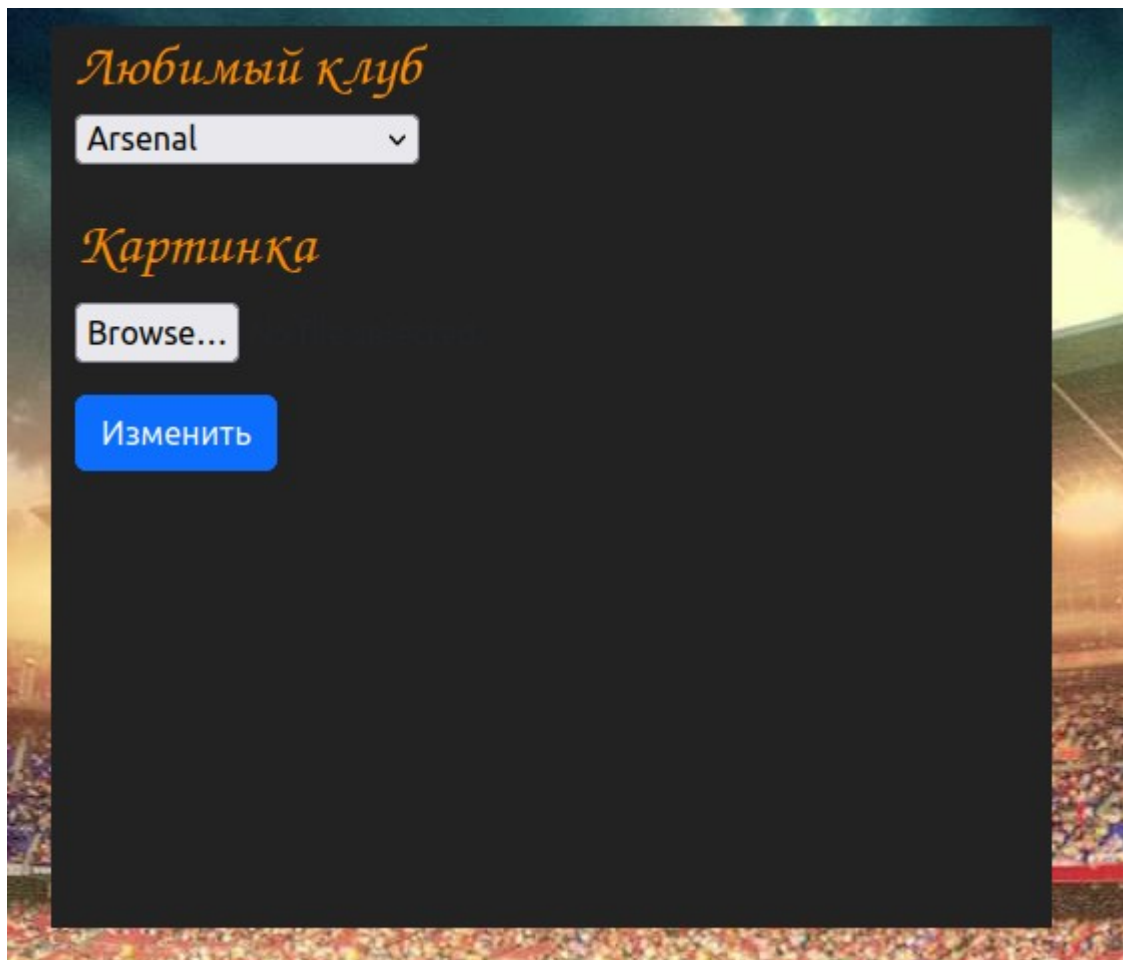
Любимый клуб: Arsenal

Всего комментариев:

[Изменить](#)



## 8. Изменение профиля пользователя



## 7. Тесты

### а) Функциональные

#### 1) Контроллеры

```
require_relative '../rails_helper'
```

```
RSpec.describe "Matches", type: :request do
  describe "GET / without login" do
    it "returns unauthorized" do
      get "/"
      expect(response).to have_http_status(302)
    end
  end
end
```

```
describe "GET matches/filters without login" do
  it "returns unauthorized" do
    get "/matches/filters"
    expect(response).to have_http_status(302)
  end
end
```

```
end
end

describe "GET matches/show without login" do
  it "returns unauthorized" do
    get "/matches"
    expect(response).to have_http_status(302)
  end
end
end
```

**RSpec.describe "Teams", type: :request do**

```
  describe "GET /show" do
    it "returns unauthorized" do
      get "/team/show"
      expect(response).to have_http_status(302)
    end
  end

end
```

**RSpec.describe "User", type: :request do**

```
  describe "GET /profile" do
    it "returns unauthorized" do
      get "/user/profile"
      expect(response).to have_http_status(302)
    end
  end

end
```

## 2) Модели



```
require_relative '../rails_helper'
```

```
RSpec.describe Team, type: :model do
  describe "adding" do
    it 'without arguments' do
      expect{Match.create!}.to raise_error(ActiveRecord::NotNullViolation)
    end

    it 'with arguments' do
      expect((Match.create!(sop1_id:1, sop2_id:2))[:id]).to eq(1)
    end
  end
end
```

```
RSpec.describe Team, type: :model do
```

```
  describe "adding" do
    it 'without team_name' do
      expect{Team.create!}.to raise_error(ActiveRecord::NotNullViolation)
    end
  end
end
```

```
RSpec.describe UserAbout, type: :model do
```

```
  describe 'adding user_about' do
    it 'without arguments' do
      expect{UserAbout.create!}.to raise_error(ActiveRecord::RecordInvalid)
    end

    it 'without user' do
      expect{UserAbout.create!(user_id:100)}.to raise_error(ActiveRecord::RecordInvalid)
    end

    it 'with user' do
      User.create!(email: 'a@d.com', password: '1234567')
      expect((UserAbout.create!(user_id:1))[:user_id]).to eq(1)
    end
  end
end
```

## б) Интеграционные

# 1) Регистрация

```
require 'selenium-webdriver'
```

```
require 'json'
describe 'Registrations' do
  before(:each) do
    @driver = Selenium::WebDriver.for :firefox
    @driver.manage.window.maximize
  end
  after(:each) do
    sleep(2)
    @driver.quit
  end
  it 'visit root_path before authorizing' do
    sleep(1)
    @driver.get('localhost:3000/')
    expect(@driver.find_element(:css, '.alert').text).to eq("translation missing: ru.devise.failure.user.unauthenticated")
  end

  it 'reg with incorrect passwords' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:css, ".sign_in").click
    sleep(1)
    @driver.find_element(:id, 'user_email').send_keys('gav@example.com')
    @driver.find_element(:id, 'user_password').send_keys('897654')
    @driver.find_element(:id, 'user_password_confirmation').send_keys('8976547')
    @driver.find_element(:name, 'commit').click
    expect(@driver.find_element(:xpath, '//li').text).to eq("Password confirmation не совпадает со значением поля Password")
  end

  it 'reg with taken email' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:css, '.sign_in').click
    sleep(1)
    @driver.find_element(:id, 'user_email').send_keys('gav2@example.com')
    @driver.find_element(:id, 'user_password').send_keys('8976')
    @driver.find_element(:id, 'user_password_confirmation').send_keys('8976')
    @driver.find_element(:name, 'commit').click
    expect(@driver.find_element(:xpath, '//li').text).to eq("Email уже существует")
  end

  it 'reg succesfull' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:css, '.sign_in').click
    sleep(1)
    @driver.find_element(:id, 'user_email').send_keys('gav100@example.com')
    @driver.find_element(:id, 'user_password').send_keys('123456')
    @driver.find_element(:id, 'user_password_confirmation').send_keys('123456')
    @driver.find_element(:name, 'commit').click
  end
end
```

```
sleep(4)
expect(@driver.find_element(:css, 'h1').text).to eq("Матчи")
end
end
```

## 2) Проверка функций матчей

```
describe 'Authorization and other' do

  before(:each) do
    @driver = Selenium::WebDriver.for :firefox
    @driver.manage.window.maximize
  end

  after(:each) do
    sleep(1)
    @driver.quit
  end

  it 'show_all_matches' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:id, 'user_email').send_keys('milka@mail.ru')
    @driver.find_element(:id, 'user_password').send_keys('123456')
    @driver.find_element(:name, 'commit').click
    sleep(4)
    expect(@driver.find_element(:xpath, '//h1').text).to eq("Матчи")
  end

  it 'show match_stat' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:id, 'user_email').send_keys('milka@mail.ru')
    @driver.find_element(:id, 'user_password').send_keys('123456')
    @driver.find_element(:name, 'commit').click
    sleep(4)
    @driver.find_element(:xpath, "(//a[contains(text(),'Статистика')])[2]").click
    sleep(1)
    expect(@driver.find_element(:css, '.st_title').text).to eq("Статистика")
  end

  it 'show match_filters' do
    @driver.get('localhost:3000/ru')
    @driver.find_element(:id, 'user_email').send_keys('milka@mail.ru')
    @driver.find_element(:id, 'user_password').send_keys('123456')
    @driver.find_element(:name, 'commit').click
    sleep(4)
    @driver.find_element(:css, 'select:nth-child(1) > option:nth-child(2)').click
    sleep(2)
    @driver.find_element(:name, "commit").click
    sleep(1)
    expect(@driver.find_element(:xpath, '//h1[3]').text).to eq("Название команды: Liverpool")
  end

  it 'show team' do
    @driver.get('localhost:3000/ru')
```

```

@driver.find_element(:id, 'user_email').send_keys('milka@mail.ru')
@driver.find_element(:id, 'user_password').send_keys('123456')
@driver.find_element(:name, 'commit').click
sleep(4)
@driver.find_element(:xpath, "(//a[contains(text(),'Статистика')])[2]").click
sleep(2)
@driver.find_element(:xpath, "//span/a[2]").click
sleep(1)
expect(@driver.find_element(:xpath, '//h1').text).to eq("Информация о команде")
end

it 'show user profile' do
@driver.get('localhost:3000/ru')
@driver.find_element(:id, 'user_email').send_keys('milka@mail.ru')
@driver.find_element(:id, 'user_password').send_keys('123456')
@driver.find_element(:name, 'commit').click
sleep(5)
@driver.find_element(:css, ".image_inside_btn").click
@driver.find_element(:xpath, "//a[contains(text(),'Профиль')]").click
sleep(2)
@driver.find_element(:xpath, "//body/form/button").click
sleep(2)
expect(@driver.find_element(:xpath, "//h2[contains(., 'Любимый клуб')]").text).to
eq("Любимый клуб")
end
end

```

## 8. Отчет Rubocop по всем контроллерам

```

mrdzhofik@mrdzhofik-VivoBook-ASUSLaptop-X512DK-X512DK:~/User/Dzhafarov/3 semester/IPL/La
b work/Zachet$ rubocop -A app/controllers
Inspecting 9 files
.....

9 files inspected, no offenses detected

```

