

TEAM NVC:

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Product Name: Engineering Gallery

Reading Plan:

- This code review will go over some of the Engineering Gallery's functionalities, which include signing up/logging in a user as well as creating project posts.
- Each user will have an account that they sign up with, which requires a username and password. Using this information, users will be able to log in to their account.
- Each user will be able to edit their account, and change the email and password that is associated with their account. Password resets are also available, and once the app is deployed, there will be an email server that sends an email with a reset link.

Test Cases:**1. Creating a User Account**

2. Upon creating a user account, certain fields are required as keys for the database.
3. Client must not be logged into an existing user account.
4. Valid username, email and matching passwords are entered into the fields.
 - a. Valid username -- does not already exist in the database, less than 15 characters
 - b. Valid email -- contains *@*.*
 - c. Valid password -- contains 5 or more characters and at least one number and one letter.
5. Prompted that user account has been successfully created.
6. Account is stored in the database.
4. Invalid username, email or password are entered into the fields.
 - a. invalid username -- already exists in the database, longer than 15 characters
 - b. invalid email -- does not have format *@*.*
 - c. invalid password -- does not contains 5 or more characters or at least one number and one letter.
5. Prompted that user account has invalid username, email, password or nonmatching passwords.
6. Account is not stored in the database.

Code To Be Reviewed:

- The code that has the following functions written are in the specified directories of the project:
 - View Layout of the Home Page
 - TeamNVCProject/app/views/layouts/application.html.erb
 - Views and features of authenticating user
 - TeamNVCProject/app/views/devise/foldername

Code Screenshots

Note: Not all code shown below, only a few code screenshots of related test case functions

```
application.html.erb
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>EngineeringGallery</title>
5     <%= csrf_meta_tags %>
6
7     <%= stylesheet_link_tag : 'application', media: 'all', 'data-turbolinks-track': 'reload' %>
8     <%= javascript_include_tag 'application', 'data-turbolinks-track': 'reload' %>
9   </head>
10
11   <body>
12     <div class="container-fluid">
13       <ul class="nav nav-tabs">
14         <li><%= link_to 'Home', root_path %></li>
15         <li><%= link_to 'About', about_path %></li>
16         <li><%= link_to 'Index', index_path %></li>
17         <li><%= link_to 'Contact Us', contact_path %></li>
18         <li><%= link_to 'Help', help_path %></li>
19         <%= if user_signed_in? %>
20         <li><%= link_to t('auth.sign_out'), destroy_user_session_path, method: 'delete' %></li>
21         <li><%= link_to t('auth.edit'), edit_user_registration_path %></li>
22         <%= else %>
23         <li><%= link_to t('auth.sign_in'), new_user_session_path %></li>
24         <li><%= link_to t('auth.sign_up'), new_user_registration_path %></li>
25         <%= end %>
26       </ul>
27       <header>
28         <%= link_to image_tag("Engr_Gal.png", alt: "home"), root_path %>
29       </header>
30
31       <p class="notice"><%= notice %></p>
32       <p class="alert"><%= alert %></p>
33       <%= yield %>
34     </div>
35   </body>
36 </html>
37
```

```
edit.html.erb
7 <%= f.label :email %><br />
8 <%= f.email_field :email, autofocus: true %>
9 </div>
10
11 <%= if devise_mapping.confirmable? && resource.pending_reconfirmation? %>
12 <div>Currently waiting confirmation for: <%= resource.unconfirmed_email %></div>
13 <%= end %>
14
15 <div class="field">
16   <%= f.label :password %> <i>(leave blank if you don't want to change it)</i><br />
17   <%= f.password_field :password, autocomplete: "off" %>
18   <%= if @minimum_password_length %>
19     <br />
20     <em><%= @minimum_password_length %> characters minimum</em>
21   <%= end %>
22 </div>
23
24 <div class="field">
25   <%= f.label :password_confirmation %><br />
26   <%= f.password_field :password_confirmation, autocomplete: "off" %>
27 </div>
28
29 <div class="field">
30   <%= f.label :current_password %> <i>(we need your current password to confirm your changes)</i><br />
31   <%= f.password_field :current_password, autocomplete: "off" %>
32 </div>
33
34 <div class="actions">
35   <%= f.submit "Update" %>
36 </div>
37 <%= end %>
38
39 <h3>Cancel my account</h3>
40
41 <p>Permanently delete your account? <%= button_to "Delete my account and all of my projects?", registration_path(
  resource_name), data: { confirm: "Are you sure? This cannot be undone." }, method: :delete %></p>
42
```

```

1 |<h2>Change your password</h2>
2
3 <%= form_for(resource, as: resource_name, url: password_path(resource_name), html: { method: :put }) do |f| %>
4   <%= devise_error_messages! %>
5   <%= f.hidden_field :reset_password_token %>
6
7   <div class="field">
8     <%= f.label :password, "New password" %><br />
9     <% if @minimum_password_length %>
10      <em>(<%= @minimum_password_length %> characters minimum)</em><br />
11    <% end %>
12    <%= f.password_field :password, autofocus: true, autocomplete: "off" %>
13  </div>
14
15  <div class="field">
16    <%= f.label :password_confirmation, "Confirm new password" %><br />
17    <%= f.password_field :password_confirmation, autocomplete: "off" %>
18  </div>
19
20  <div class="actions">
21    <%= f.submit "Change my password" %>
22  </div>
23 <% end %>
24
25 <%= render "devise/shared/links" %>
26

```

```

1 |<h2>Sign up</h2>
2
3 <%= form_for(resource, as: resource_name, url: registration_path(resource_name)) do |f| %>
4   <%= devise_error_messages! %>
5
6   <div class="field">
7     <%= f.label :email %><br />
8     <%= f.email_field :email, autofocus: true %>
9   </div>
10
11  <div class="field">
12    <%= f.label :password %>
13    <% if @minimum_password_length %>
14      <em>(<%= @minimum_password_length %> characters minimum)</em>
15    <% end %><br />
16    <%= f.password_field :password, autocomplete: "off" %>
17  </div>
18
19  <div class="field">
20    <%= f.label :password_confirmation %><br />
21    <%= f.password_field :password_confirmation, autocomplete: "off" %>
22  </div>
23
24  <div class="actions">
25    <%= f.submit "Sign up" %>
26  </div>
27 <% end %>
28
29 <%= render "devise/shared/links" %>
30

```

Page Screenshots

The top screenshot shows the login page of the Engineering Gallery. The navigation bar includes links for Home, About, Index, Contact Us, Help, Sign In, and Sign Up. The main heading is "Engineering Gallery". Below this, there is a "Log in" section with an "Email" field containing "vignesht.96@gmail.com", a "Password" field with masked characters, a "Remember me" checkbox, and a "Log in" button. Links for "Sign up" and "Forgot your password?" are also present.

The bottom screenshot shows the home page after a successful login. The navigation bar includes links for Home, About, Index, Contact Us, Help, Sign Out, and Edit. The main heading is "Engineering Gallery". Below this, a message states "Signed in successfully." followed by a large "Welcome Home!" heading and a paragraph: "Engineering Gallery -- A place to catalog and share your hard work."

Engineering Gallery

Forgot your password?

Email

[Log in](#)

[Sign up](#)

Engineering Gallery

Edit User

Email

Password *(leave blank if you don't want to change it)*

6 characters minimum

Password confirmation

Current password *(we need your current password to confirm your changes)*

Cancel my account

Permanently delete your account?

Engineering Gallery

Sign up

Email

y.thyagarajan@sjsu.edu

Password (6 characters minimum)

.....

Password confirmation

.....

[Log in](#)

Engineering Gallery

Welcome! You have signed up successfully.

Welcome Home!

Engineering Gallery -- A place to catalog and share your hard work.