

SoftUni Forum Workshop - Part 3

This application is created as a workshop for the [Angular Corse](#) @ [Software University](#)

Task Requirements

At this point the application has **forms**. Now it's the time to edit them so the given information is handled properly as expected. Implement the following **validation**, **notification** and **styling rules** for each form.

By default:

- The input fields are **neutral** (neither valid nor invalid). If some of the fields are **touched**, you should determinate the status of validation from the given data inside it
- Each input field is **required**

Notifications should be shown as paragraph ("`<p>`") elements **below** each input field or button.

The notification **below each button** should display the **status** of the **form validation**:

- If the status is **untouched** or **valid** the **left border** of the input field must be **green**, else **red**.
- If the status is **invalid**, use - "**You can't continue until you provide a valid data**" as text or the default text provided from the skeleton. **The color** inside that paragraph should be "**red**" and the **button** should be **disabled**.
- If the status is **valid** just **remove** the **notification** and **enable** the **button**.

Check the examples below each form for more clarity.

Invalid Cases

In case some of the input fields are invalid, the following **input field** should be styled with class **input-error**, which has the following style:

- "**border-left-color: red;**"

And **notification** should be shown with information about the validation. The text inside that paragraph also should be **red**.

Valid Cases

When the input field is filled with **valid** information, the class **input-error** should be **disabled / removed** so the left border should be **green** again.

Reactive Forms

Use the **model driven (reactive) approach** to build **login** and the **register** form.

Login

The login form expects as input: **email** and **password**.


Valid credentials in this case are:


- **Email address** must have at least **6 symbols**, after that the symbol "@" is followed. The valid **domain name** is only "**gmail**" again followed by ".". **Top level domain** can be "**bg**" or "**com**".
 - **Valid email addresses:** [testing@gmail.com](#), [testing@gmail.bg](#), [something.else@gmail.com](#)

- **Invalid** email addresses: gwe@gmail.com, 123@gmail.bg, somethingelse@abv.bg, another@abv.com
- **Password** should be at least **5 symbols** as well



Login Form






Login

Have an account? [Register](#)


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Login Form



Email is not valid!




Login

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Login Form





Login

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Register

The register form expects as input: **username**, **email**, **password**, **repeat password** and **telephone number** (not required).

Username validation here is:

- Should have at least **5 symbols** and is **required**.

Email validation here is the same as the login case:

- Should have at least **6 symbols**, after that the symbol of "@" is followed. The valid **domain name** is only "gmail" again followed by ".". **Top level domain** can be "bg" or "com".
 - **Valid** email addresses: [testing@gmail.com](#), [testing@gmail.bg](#), [something.else@gmail.com](#)
 - **Invalid** email addresses: [qwe@gmail.com](#), [123@gmail.bg](#), [somethingelse@abv.bg](#), [another@abv.com](#)

Both passwords should be grouped in "passwords" group. The validation here is:

- The given **password** should be at least **5 characters** (any English letter and digits are allowed)
- The given **repeat password** should be the **same** as the given **password**

Both fields are considered **invalid** if some of them **do not cover** the described validation. If that happens apply the **invalid stylization** for **both**. Otherwise, the **valid stylization** is applied.

Registration Form

Create Account

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Registration Form

Username is required!


Create Account


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Registration Form


 Johnny

 john.doe@gmail.com

 +359

 885131311





Create Account

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Template-driven Forms

Use the **template-driven approach** to build the **create new theme** and the **change user information** form.

New Theme

The new theme form expects as input: **theme name**, **post text**.

Valid data in this case is:

- Theme name - should be at **least 5 characters**
- Post text - should be at **least 10 characters** long

The **"Post"** button should be **disabled** if the inputs are **NOT** valid.

New Theme

Title *

Post *

Cancel

Post

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New Theme

Title *

Theme name is required.
Theme name must be at least 5 characters long.

Post *

The field with your post is required.
Post must be at least 10 characters long.

Cancel Post

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Change Profile Information

When you are logged in you can see your **profile information**.


User Info:Username: **Johny**Email: **john.doe@gmail.com**Phone: **+359 885 888 888**[Edit](#)

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By clicking the "**Edit**" button, the profile information should be turned into **form with editable fields**. The input fields should have the current information of the user.



User Info:

Username:

Email:

Phone:

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Username validation here is the same as the register case:

- Should have at least **5 symbols** and is **required**.

Email validation is the same as the login and register cases:

- Should have at least **6 symbols**, after that the symbol of "@" is followed. The valid **domain name** is only "gmail" again followed by ".". **Top level domain** can be "bg" or "com".
 - **Valid** email addresses: testing@gmail.com, testing@gmail.bg, somethingelse@gmail.com
 - **Invalid** email addresses: qwe@gmail.com, 123@gmail.bg, somethingelse@abv.bg, another@abv.com

If the validation passes, the "Save" button should be enabled, and the user can make a **post** request to change the information.

If the "Cancel" button is clicked all changes must be **reverted**, and the user information should be displayed **unchanged**.

Custom Directives

Think about for a second which logic can be isolated in custom directive so you avoid repeating part of the code.

Hint: Stylization / Validation

GOOD LUCK!