

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](#)


This site is designed to be used for training purposes at SoftUni.
 You can find the real SoftUni forum at this link:
<https://softuni.bg/forum> Angular course Copyright © 2020



Login Form



Email is not valid!




Login

Have an account? [Register](#)

This site is designed to be used for training purposes at SoftUni.
 You can find the real SoftUni forum at this link:
<https://softuni.bg/forum> Angular course Copyright © 2020

Login Form

 john.doe@gmail.com



Login

Have an account? [Register](#)

This site is designed to be used for training purposes at SoftUni.
You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

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

Have an account? [Log In](#)

This site is designed to be used for training purposes at SoftUni.
You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

Registration Form

Username is required!


Create Account


Have an account? [Log In](#)


This site is designed to be used for training purposes at SoftUni.
You can find the real SoftUni forum at this link:


<https://softuni.bg/forum> Angular course Copyright © 2020


Registration Form


 Johnny

 john.doe@gmail.com

 +359

 885131311





Create Account

Have an account? [Log In](#)

This site is designed to be used for training purposes at SoftUni.
You can find the real SoftUni forum at this link:
<https://softuni.bg/forum> Angular course Copyright © 2020

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

This site is designed to be used for training purposes at SoftUni.

You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

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

This site is designed to be used for training purposes at SoftUni.

You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

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](#)

This site is designed to be used for training purposes at SoftUni.

You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

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:

This site is designed to be used for training purposes at SoftUni.
You can find the real SoftUni forum at this link:

<https://softuni.bg/forum> Angular course Copyright © 2020

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!