

# UNIT 2

## Angular



### Exercise week 10

Client-side Web Development  
2nd course – DAW  
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# Index

Exercise.....	3
New product form validation.....	3
Refactor the application in modules.....	3

# Exercise

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From the last exercise (week 10), make the following additions:

## New product form validation

- Title is required and must be at least 5 characters long
- Description, price, and category are required. The photo is also required.
- Create a validator for the price and category that checks that the value is greater than 0. Call it **positiveValue**.
  - Convert the value to number in the validator and check if it's not NaN and also greater than (>) 0.
- For title and description fields (**ngModelGroup**) that checks that at least one of them is not empty (call it **oneRequired**).
- For every field in the form, add the class **is-invalid** (Bootstrap) when there's any error. Add the class **is-valid** when it's validated. Only do this if the field has also been visited (touched).
  - Show the corresponding error information below each form field (input, textarea, select,...) when it's been touched and it's still invalid.
- Disable the submit button until the form is valid.

## Refactor the application in modules

- **Menú** module: Will have a menu component with the top menu inside (The `<nav>` element currently inside `app.component`).
- **Products** module: All pages, components etc, related to products. With routing module (**--routing true**). The **ProductsModule** must be lazy loaded -> prefix: **'products'**.
- **Validators** module: The custom validators go here (import them in the products module).