

- I. (5 points) Based on your solution from Lab 10, in addition to the API, add a view/views based on Spring MVC and Thymeleaf that will allow the user to:
- create a link (both with and without a password)
 - display information about the link (after entering the correct name and password) and the ability to edit/delete it.

Add validation for (to both the API and the forms in the views):

- name
 - length min. 5 characters, max 20.
- URL
 - validate the correctness of the address
 - only HTTPS address
 - uniqueness of the URL in the system
- password
 - at least one lowercase letter
 - at least two uppercase letters
 - at least three digits
 - at least four special characters
 - minimum length of 10 characters

Ensure that errors displayed in both the API and the form are clear and precise.

For example, if the password is missing a lowercase letter, inform the user that a lowercase letter is missing, etc. Generalizing validation to a message like "The password does not meet the requirements" is not allowed.

Ensure the application is internationalized so that, depending on the region, the user receives messages in the following languages:

- English
- Polish
- German

Allow the user to choose the language on the page and in the API.

Ensure the correct functioning of the application and the handling of all errors, with appropriate messages for the user.

Use Bootstrap. Prepare an aesthetically pleasing appearance.

Use the knowledge acquired during the lecture and good programming practices.

Send the solution as a ZIP archive called *sXXXXX-TPO11.zip*, where *sXXXXX* is your index number.