

Lab 6: Forms

Objective

This lab aims to introduce the use of forms in a social network, allowing users to create and view new posts on the site's home page.

Activity Description

Add the link to the Bootstrap JavaScript file:

To include the latest version of the Bootstrap JavaScript file, which is required for the correct functioning of interactive components, insert the following code before the closing tag:

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.min.js"
integrity="sha384-FKyoEForCGlyvwx9Hj09JcYn3nv7wiPvlz7YYwJrWVcXK/BmnVDxM+D2scQbITxI"
crossorigin="anonymous"></script>
```

You can also copy the link directly from the Bootstrap website, below the CSS link that you had already copied previously.

This script is essential to ensure that dynamic components, such as the Bootstrap modal, work correctly.

Create the post through a modal:

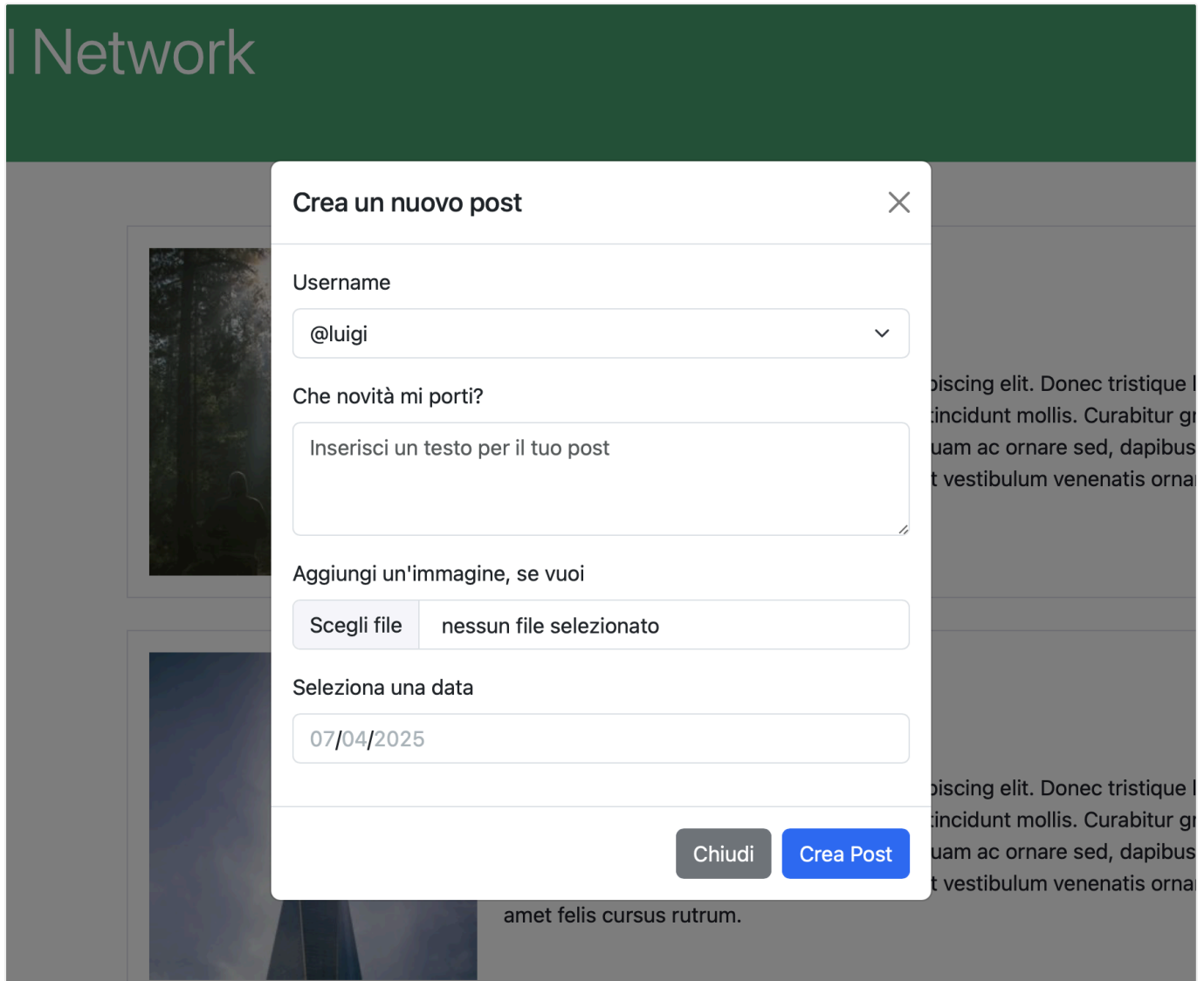
By clicking the “+” button, users will be able to create a new post. This will open a **Bootstrap modal** ([link to the official documentation](#)) containing a form with the following fields:

- A dropdown menu with the usernames currently present in the application's post list.
- A required text area for entering the post content, with a hint such as “Enter text for your post”. The text must have a minimum length of 30 characters and a maximum length of 200.
- An optional field for uploading the post image.
- A required field for selecting the post date.

Handle the data with Flask:

After submitting the form, the corresponding Flask route will take care of adding the new post to the dedicated data structure and updating the home page with the updated list of posts.

NOTE: all validations must be implemented to ensure the correctness of the data entered in the form.



The screenshot shows a modal form titled "Crea un nuovo post" (Create a new post) overlaid on a social network page. The form contains the following elements:

- Username:** A dropdown menu with the value "@luigi".
- Che novità mi porti?:** A text input field with the placeholder text "Inserisci un testo per il tuo post".
- Aggiungi un'immagine, se vuoi:** A file selection button labeled "Scegli file" and the text "nessun file selezionato".
- Seleziona una data:** A date selection field with the value "07/04/2025".
- Buttons:** "Chiudi" (Close) and "Crea Post" (Create Post).

Figure 1: Screenshot of the form.