

DMIT2025 – PHP/MYSQL

LAB 3: FORM WITH VALIDATION

Overview: Based on the lessons in Validation, create a well styled form using Bootstrap 4 with validation.

Please use the appropriate form elements for each piece of information you expect from the user.

Necessary form elements. “*” denotes a required field.:

- * Name: min and max length validated.
- * Email: required, and proper format must be validated.
- * Password: min and max length validated.
- Address: If filled out, must have appropriate min and max length.
- City: If filled out, must have appropriate min and max length.
- Province: Please include all provinces and territories.
- * Country : Please include at least 5 countries.
- Comments: If filled out, must have appropriate min and max length.
- * Website URL: proper format must be validated. `filter_var()` can be used. Please research this.
- Gender
- Newsletter

Any validated field must have a good user prompt (message) indicating what they need to change for the next submission attempt.

All form fields are prepopulated with previous values when we stop the user for validation errors.

The form should be within a 2 column layout using the Bootstrap 4 grid system. Please research and implement that.

Required fields should have an Asterix. This can be done using CSS only (no additional markup).

Please note: You cannot prepopulate a password field. It’s a security feature.

Marking:

- All form fields present and the appropriate form elements used: /3
- Validation works as expected. Messages are appropriate and positioned near the relevant field. All form fields are prepopulated with previous values. : /4
- Required elements marked with an Asterix (*). /1
- Bootstrap 4 layout with 2 columns: /1
- Correct submission shows some sort of SUCCESS message. /1

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PHP Form Validation

* Name:

Please enter a Username from 3 to 20 characters.

* Email address:

Please fill in a correct email address.

* Password:

Please enter a Password from 3 to 20 characters.

Address:

City:

Province:

* Country:

Please select your Country.

Comments:

* Website URL:

Please fill in a URL.

☐ Male

☐ Female

☐ Subscribe to Newsletter

Submit