



East West University
CSE480: Web Database Programming
Lab Manual: Lab 5 (Form Validation and MySQL)

Make a HTML Form, validate with PHP, and interact with MySQL database.

Form should contain following input field:

1. Name
2. Email
3. Password
4. IP address of your router (default: 192.168.0.1)
5. Personal web URL
6. Date of Birth
7. Gender (use radio button)
8. Mobile Number
9. Brief info (use text area with row = 30, column = 30)
10. Register Button

01) Validate the form with by following condition (Use regular expression)

- a. All input field is required. (Display error message with red color if empty).
- b. The length of “Name” must be 4-25 characters long. It should have a first name and last name. It may have middle name as well (optional). Should not contain more than one white space between two words. You have to make middle name optional.
- c. Must have a valid Email address.
- d. Password must contain an uppercase, a lowercase, a number, and no special character. This must be between 8-20 character.
- e. IP address should follow the standard IP address format.
- f. Personal web URL must be a valid URL.
- g. Calculate age from date of birth for storing in the database.
- h. Mobile number should be a valid Bangladeshi number.
- i. Brief info should not contain more than 50 words. Again, you have to keep your database safe from any kind of offensive words. So, you must change those offensive words. The following string should be converted as like same as the converted text of table 1.

Original Text	Converted Text
Damn	*****
Kill	*****
Death	*****
Liar	*****

Table 1

- 02) After validation, stores information in a MySQL database. Assume that you have a database entitled “spring2022” and a table in the database entitled “user”.
- 03) Retrieve the results and show the data in a HTML table order by the mobile in descending order.
- 04) Search can be done with specific information in a separate FORM

Example:

search

karim

Output:

User Name: karim

Username	Email	IP address	Web Address	Age	Gender	Mobile	Information
karim	karim@gmail.com	192.13.213.0	karim.com	18	male	01734300000	Hi I am karim. I don't like *****.