



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

Make a Form using HTML, and Validate with PHP, MySQL.

Form must 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)
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. middle name and last name. It may have middle name as well. Should not contain any more than one white space between two words. You have to made 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 15 words. Suppose, you want to keep your database clean from any kind of offensive words. So, you must change those offensive words. The following string should be converted to the following string.

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

- 02) After validation, stores information in a MySQL database. Assume that you have a database entitled “fall2020” and a table in the database entitled “user”.
- 03) Retrieve the results and show the data in a HTML table order by the name in ascending order.
- 04) You can search a specific information. (Make a separate Form for searching)

Ex: search

karim

Output:

User Name: Anna

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