COMP 322   Internet Systems   Assignment 4

(10pt) Write an HTML document (form.html) that has the following inputs. Add "validation.js" for a validation check into the HTML document.

Username: [   ]

Email: [   ]

Phone number: [   ]

Enter Password: [   ]

Confirm Password: [   ]

Gender: ○ Female ○ Male ○ Other

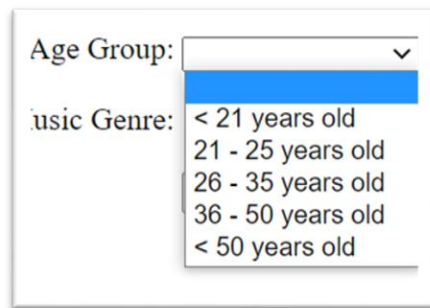Age Group: [▾]

Favorite Music Genre: ☐ Pop ☐ Hiphop ☐ Jazz ☐ Rock ☐ Classical Music ☐ Country

[submit] [clear]

1. Username:
   a. Type: text
   b. A username should only contain lowercase letters or numbers. It cannot be shorter than 4 characters and longer than 12 characters*
2. Email:
   a. Type: text
   b. An email address must contain "@" and end in .net, .com, .org or .edu.*
3. Phone number:
   a. type: text
   b. A phone number must be 10 digits with hyphens and the three first numbers are in parentheses.*
      i. e.g. (123)-456-7890

4. Password: type: password
   a. Type: password
   b. A password should contain lowercase letters, uppercase letters, numbers or underscores. It has to be longer than 8 characters. *
      i. (+1 bonus point)

1. A password should contain at least 1 uppercase character, 1 lowercase character, 1 number and 1 special character.
5. Confirm Password: type: password
    a. Type: password
    b. The confirm password should be same as the password in #4.
6. Gender:
    a. Type: radio button
    b. male, female and other
7. Age Group:
    a. Type: dropdown menu
    b. Options:
        i. The first value is blank
        ii. < 21 years old
        iii. 21 – 25 years old
        iv. 26 – 35 years old
        v. 36 – 50 years old
        vi. < 50 years old

8. Music Genre
    a. Type: checkbox
    b. Pop, Hiphop, Jazz, Rock, Classical Music and Country

9. Submit:
    a. Type: button
    b. When the submit button is clicked:
        i. Check validation of #1, #2, #3, #4, #5, #6, and #7 fields
        ii. If some fields are empty, print the filed names in red below the form:

Please Enter **Username**

Please Enter **Email**

Please Enter **Phone Number**

Please Enter **Password**

Please Select **Gender**

Please Select **Age Group**

        iii. If the inputs are not valid, print the filed names in orange:

Username: icho12#

Email: icho@ncat.edu

Phone number: (123)-456-679

Enter Password:

Confirm Password:

Gender: ○Female ○Male ○Other

Age Group: [⌄]

Favorite Music Genre: ☐Pop ☐Hiphop ☐Jazz ☐Rock ☐Classical Music ☐Country

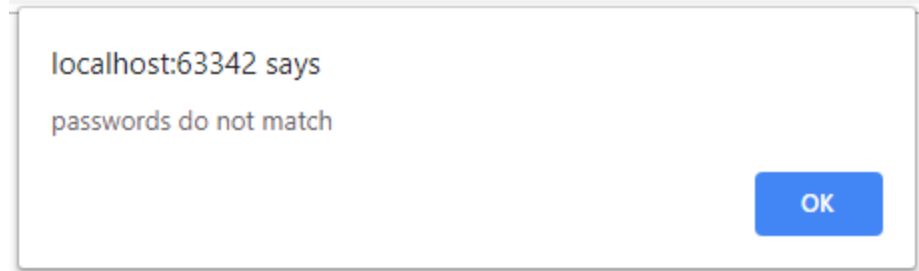[submit] [clear]

Please Enter **a valid username**

Please Enter **a valid phone number**

Please Enter **Password**

Please Select **Gender**

Please Select **Age Group**

        iv. If all inputs are valid then check the two passwords are the same. If not, show an alert box with "passwords do not match"

localhost:63342 says

passwords do not match

OK

    v. ~~If all inputs are valid and the two passwords are the same, then it redirects to your webpage on your VM.~~

10. Clear:
   a. Type: reset
   b. When the button is clicked, all the warnings are removed too.

*: Use a Regular Expression

Do not use the "pattern" attribute. The validation checks have to be done in your JavaScript code. You will not get any credits if you use the pattern attribute.

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Example of Pattern Attribute:
<input type="text" id="country_code" name="country_code"
  pattern="[A-Za-z]{3}">
```

Grading:

    Forms (form.html): 2pts

    Validation checks and redirection (validation.js): 7 pts

    Screenshots: 1pt

        Form

        Errors + Warnings

Submission:

Compress your files and upload your zip file on the blackboard. No submission will be accepted by email.