



Project Part 4

Due date

15th May

Requirements

In this part, you will validate the forms you created in the *Subscribe* and *Contact us* pages.

Note: Please do not rely on the browser to perform validation such as using the `required` or other HTML attributes.

Tip: you may need to use some string properties and methods that we didn't cover in class such as `length`, `indexOf()`, `charAt()`, `lastIndexOf()`, `substring()`, etc. The following links can be helpful for you to learn about strings and their methods in JavaScript:

https://www.w3schools.com/js/js_string_methods.asp

https://www.w3schools.com/js/js_string_search.asp

1. In the *Subscribe* page, add code to validate the user input using only **JavaScript**. Your validation must perform the following:
 - a. All text fields are required, i.e., cannot be empty
 - b. The two password fields cannot be empty, the password must be at least six characters long, and the confirmation password must be the same as the original password
 - c. The e-mail address must contain the `@` character, followed by at least three other characters, followed by `.com` at the end
 - d. The phone number cannot be empty and must contain digits only conforming to the Canadian phone number format (exactly 10 digits)
 - e. The building number must be a number between 1 and 9999
 - f. A city name has been chosen by the user from the dropdown list
 - g. The age entered by the user in the age field must be between 18 and 100
2. In the *Contact us* page, add code to validate the user input using only **JavaScript**. Your validation must target the following:
 - a. The name of the user is required, i.e., cannot be empty
 - b. The message in the text area cannot be empty
 - c. The user must select a preferred method of contact
3. In both pages, display suitable error messages for each validation and prevent the browser from submitting the form if it doesn't pass the validation process
4. In the *Subscribe* page, add a checkbox beside the password field and add JS code so that when the user checks the checkbox, the password field changes to type text and the user's input is displayed as clear text. On the other hand, when the checkbox is cleared, the password field is changed back to type password to mask the user's input



Web Development Phase 2

5. In the *Contact us* page, add JS code so that when the user selects the *phone call* as a preferred method of contact, the type of the field to collect contact info changes from `email` to `tel` and vice versa

Submission

Zip the whole folder containing all your website files (including HTML files, style sheets, and image files) as a `.zip` **not** as a `.rar` and submit to Google Classroom.