

CSCD 378

Assignment 2: Java script form validation

Specification:

The ministry of public health in United States have new **procedures for all incoming passengers to US, thus all passengers should fill in this form when arriving at the airport.**

Given the HTML code of the following page, please write the JavaScript functions corresponding to requirements below.

Welcome to united states

Form validation

Personal Information

First Name:

First Name

Father Name:

Father Name

Family Name:

Family Name

Date of Birth:

dd - - - - yyyy

Nationality:

- Please Select -

Phone number:

Your Phone number

Mail:

Your email

Coming From:

- Please Select -

Date of Arrival to United States

dd - - - - yyyy

Flight Name:

- Please Select -

Gender:

☐ Male ☐ Female

Information about Covi19

Did you took COVID19 vaccine?

☐ I am vaccinated!

Please select the vaccin: - Please Select -

Have you ever undergone the specific COVID19 PCR test?

☐ yes ☐ No

Submit

Reset

Write in JavaScript a validation function for this form respecting the following constraints:

- All the fields in personal information part are required
- If the checkbox “I am vaccinated” is checked, the vaccine name is required.
- If vaccine type was selected, then the corresponding checkbox should be checked automatically
- The phone number is 10 digits
- The length of characters on the First Name, Last Name and Father Name fields must be between 3 and 20. Verify that all characters are all alphabets
- Check email format
- If nothing is selected for “have you ever undergone the specific COVID19 PCR test?”, the option No should be automatically checked.

STEPS:

To do so, follow these steps:

1. Add id for each element in your form
2. Add a function on onClick event to the submit button
3. In your script code of your function, get access to each element by using:
document.getElementById("yourid")
4. Now check the elements one by one.

If any of the criteria is not satisfied, then an error message will appear.

TO TURN IN:

- The html code file including your JavaScript code

Name the file your last name first letter of your first name Assignment3.zip (Example: nnaderAssignment3.zip)