

# INTERMEDIATE

# WEB DESIGN

## assignment 5

### FORM VALIDATION

Create a web form in the same visual language as the blog you've been designing. The details and requirements for the form are below. (Hint: to reduce code, you may wish to link to the CSS file that lives in the assignment 3 folder.) The form only needs to be formatted for desktop screens, not mobile devices. Before authoring the form, create mockups in Photoshop or another image editor that illustrate the following states and any other needed states:

- » input field hover state (eg., black border)
- » input field blur state (eg., gray border)
- » input field focus state (eg., blue border)
- » input field error (eg., red border, or icon next to the field)
- » warning message box, if needed / desired
- » the submitted output that will appear below the form (see below)

Below are the field details.

field	type	validation criteria
first name	text	greater than 2 characters
last name	text	greater than 2 characters
email address	text	in the format <i>user@domain.tld</i>
username	text	greater than 7 characters
password	password	greater than 8 characters and includes 1 number

# INTERMEDIATE WEB DESIGN

## CLASS INFO

CMP 3011-C1  
2 Credits  
Spring 2015

## MEETING TIME

Saturdays  
1:00pm - 4:15pm

## INSTRUCTOR

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617 863 0136

## WEBSITE

[baizman.com/iwd](http://baizman.com/iwd)

field	type	validation criteria
password verification	password	[see below]
favorite color	radio button	by default, none are selected; create 4 options with hexadecimal values
submit	submit	
clear	button	when clicked, if any of the fields have a non-default value in them, warn the user about potentially losing data

Additional form requirements: none of the fields can be empty / blank, and the password and password verification fields must match.

If the fields have not been filled out correctly, the form should indicate the offending field(s), why it had a problem, and, ideally, what the user should do to correct the problem, if possible.

When the fields have passed the validation criteria, the submitted information will appear below the form in a nicely formatted way.

Finally, when the form is successfully submitted, the background of the webpage will change to the color selected in the “favorite color” field.

**Deliverables:** A Photoshop document with named layer comps or a set of named JPEGs, and one (1) HTML file and one (1) JavaScript file.

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## OBJECTIVE

The purpose of this assignment is to apply your knowledge of events, operators, functions, conditionals, and loops. Students will also exercise their ability to traverse and manipulate the Document Object Model (DOM).

## DEADLINE

This assignment is due at the beginning of the next class. Please publish your files to your GitHub homework repository in a sub-folder called "05 assignment."

## WEIGHT

This assignment carries a weight of 1.15.