

ADVANCED WEB PROJECTS

05 | registration form

DESCRIPTION

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 necessary states:

- » input field hover state / when the mouse hovers over a field (eg., black border)
- » input field blur state / the "mouse-off" state (eg., gray border)
- » input field focus state / when the user clicks into a field (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
full name	text	> 2 characters
email address	email	> 5 characters
password	password	> 10 characters and include a number
password verification	password	this field must match the value of the password field

CLASS INFO

IDESN 3535
3 Credits
Fall 2016

MEETING TIME

Tuesday
1:15pm – 5:00pm
University Hall
Room L023

INSTRUCTOR

Saul Baizman
sbaizman@lesley.edu
617 863 0136

OFFICE HOURS

By appointment

WEBSITE

baizman.com/awp

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field	type	validation criteria
favorite color	radio button	by default, none are selected; create 4 options with hexadecimal values as the choices
register	submit	(none)

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 manner.

Finally, when the form is successfully submitted, the background of the web-page 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, one (1) CSS file, one (1) JavaScript file, and any imagery and fonts.

HINTS

- The input validation should be initiated when the user clicks the **submit** button. Input could be validated when the user clicks or tabs out of a given field, or even as the user types, but I’m adding this constraint to make the assignment more manageable.
- Some of the solutions cannot be found in the Duckett book and may require external investigation.
- Think through the flow of the input validation before writing any code. You’ll want a way to flag fields that contain an error and remove those flags when the error is corrected.

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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 practice traversing and manipulating the Document Object Model.

DEADLINE

This assignment is due at the beginning of the next class. Please commit and upload your file(s) to the master branch of your GitHub repository in a subfolder named "05 registration form."

WEIGHT

This assignment carries a weight of 1.8.

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