

CptS 483 Homework #2

In this homework, you will create a web form using PHP, HTML, JavaScript, and CSS based on a requirements specification written by one of my 323 students. As each specification is likely to differ, the following base rules apply:

1. You may only use vanilla HTML, JavaScript, and CSS (no libraries)
2. All form fields are required and must be validated intelligently. Examples:
 - a. If a field should be a number, only allow valid numbers (e.g. student IDs must be a positive, 8 digit number)
 - b. Email addresses should be valid email addresses. Feel free to pull an email regex from the web.
3. Save all form results to a single CSV file called results.csv
4. If style is not suggested, try to theme your form using WSU colors and logos
5. If a layout is not provided, use the 3-column layout used in class examples.
6. If form values **are not** specified:
 - a. collect name (first and last), email address, class standing, major, expected graduation, interests, and number of credits taken this semester
7. If less than 7 form values are specified, pull from 5A until your form has at least 7 elements.
8. If 7 or more form values are specified, you must implement all specified fields

Submitting Your Assignment

Please submit your assignment to Blackboard no later than midnight on February 12, 2016.

Deliverables

In your submission, ensure that you include the following:

1. Your PHP file
2. Any external CSS and JavaScript files
3. Your assigned requirements document
4. A text file labeled "evaluation.txt" in which you score your system requirements specification on an A-F scale. You may optionally provide additional written feedback in your evaluation. ***This is for learning purposes only and will not affect the 323 student's assignment grade.***

Grading

Your submission will be graded based on the following criteria:

- [40] Adherence to requirements specification
 - To the best of your abilities, you implement the form as specified in your requirements document.
- [50] Baseline functionality
 - No external libraries are used
 - All form elements are validated
 - Results are saved to "results.csv"
 - Your form contains at least 7 elements
 - Your form either uses the layout specified in the requirements or a 3-column layout

- Your form is properly styled
- [10] Attractive implementation
 - Would I actually want to use your form?