

# README

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**Class:** ITMD-462-01.15F: Web Site App Development - Assignment 1

## Assignment 1:

**Project Description:** This project includes two files. index.php and form.php, these two files are a brief overview of what we have covered in the class so far. This includes functions like date/time. It also utilizes GET and POST server requests. It is also a great review of HTML. form.php includes one file that handles errors and submission of a form all in one file. First, Last and email address fields are required. The form automatically gives an error if these are not filled out. The form also has the ability to show previous data should a user choose to refresh the page. The form is also secure from HTML/JS injection by escaping special characters and removing extra whitespace.

**Development Environment:** Mac OS X Yosemite Version 10.10.5. Running MAMP version 3.0.7.3. PHP version 5.6.2. Used PHPstorm as primary editor.

**Installation Instructions:** Use parameter 'name' for GET request on index.php file. Use MAMP/LAMP/WAMP to see index.php and form.php

**Insights and Results:** I learned how to truly utilize the date function, it's very powerful! I also learned the power of nested if statements to make form.php a very versatile page. I also experimented with creating my own function called 'verify' which would take a parameter and strip whitespace, escape special characters, and strip slashes. I also learned how to use AND statements in logical branches to make my page more functional. Overall, I learned a lot! Mainly how to structure a form that calls for very specific needs.

## Resources:

PHP Manual - <https://secure.php.net/manual/en/index.php>

W3schools - [http://www.w3schools.com/php/php\\_form\\_validation.asp](http://www.w3schools.com/php/php_form_validation.asp)

W3schools helped me to primarily understand how I can structure and validate my form. The PHP manual helped me to learn how to structure a function whether it was to use an existing one or creating my own function.