Feel free to use this as a template for your documentation in this class. You can add rows to the table as needed, or remove extra rows if you would like.

You can also just follow the standard documentation style that I demonstrate in class.

| **Function Name** | **Inputs & Output** | **What does it do?** |
| --- | --- | --- |
| check\_password | Input: hash | Output: boolean | Checks whether the password given in the form is the correct password and returns true or false |
| validate\_email | Input: email | Output: boolean | Validates the email given in the form using the filter\_var with the FILTER\_VALIDATE\_EMAIL filter. Returns true or false. |
| validate\_radio\_buttons | Input: value | Output: boolean | Validates that the given value for a radio button is NOT null and that it is within the possible values that can be selected. It checks whether the value is in the given array(s) of possible values. Returns true or false. |
| validate\_options | Input: value | Output: boolean | Validates that the given value for an option is NOT null and that it is within the possible values that can be selected. It checks whether the value is in the given array of possible values. Returns true or false. |
| validate\_numbers | Input: value | Output: boolean | Validates that the given number is made up of only digits. Uses the ctype\_digit function. Returns a boolean. |
| validate\_textarea | Input: value | Output: boolean | Validates that the given text is NOT null. Returns a boolean. |
| sanitize\_email | Input: email | Output: sanitized email | Sanitizes an email with the filter\_var function and the FILTER\_SANITIZE\_EMAIL filter. Returns the sanitized email. |
| sanitize\_radio\_buttons | Input: value | Output: sanitized radio button | Sanitizes a radio button value with the filter\_var function and the FILTER\_SANITIZE\_STRING filter. Returns the sanitized value. |
| sanitize\_options | Input: value | Output: sanitized option | Sanitizes an option value with the filter\_var function and the FILTER\_SANITIZE\_STRING filter. Returns the sanitized value. |
| sanitize\_numbers | Input: value | Output: sanitized number | Sanitizes a number with the filter\_var function and the FILTER\_SANITIZE\_NUMBER\_INT filter. Returns the sanitized number. |
| sanitize\_text | Input: value | Output: sanitized text | Sanitizes text with the filter\_var function and the FILTER\_SANITIZE\_STRING filter. Returns the sanitized text. |
| sanitize\_all\_data | Input: none | Output: none | Uses if statements to check validation, and then calls sanitization functions for all data if validation checks passed. |

If you have a complicated line or section of code, talk about it here.

| **The Code** | **What does it do?** |
| --- | --- |
|  |  |
|  |  |
|  |  |

If you have any errors, talk about it here. If there is no Error Message, leave that column blank.

| **Error Message** | **Put the error in your words** | **What did you try to fix it?** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

If you used anything we didn’t cover in class, use this table.

| **Name** | **Link to Docs** | **What does it do?** | **Why did you use it?** |
| --- | --- | --- | --- |
| FILTER\_VALIDATE\_EMAIL | https://www.php.net/manual/en/filter.constants.php#constant.filter-validate-email | Validates that the email is in the correct format | To make sure that the email submitted in the form is in the right format |
| ctype\_digit | https://www.php.net/manual/en/function.ctype-digit.php | Checks whether the provided input is all digits | To validate that a number was all digits |
| FILTER\_SANITIZE\_EMAIL | https://www.php.net/manual/en/filter.constants.php#constant.filter-sanitize-email | Sanitizes email by removing all characters except alphanumeric + some special characters | To sanitize an email |
| FILTER\_SANITIZE\_STRING | https://www.php.net/manual/en/filter.constants.php#constant.filter-sanitize-string | Sanitizes text by stripping html tags and encoding quotes | To sanitize text |
| FILTER\_SANITIZE\_NUMBER\_INT | https://www.php.net/manual/en/filter.constants.php#constant.filter-sanitize-number-int | Sanitizes numbers by removing all characters except digits 0-9 and +- sign | To sanitize a number |