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?** |
| ValidateEmail | Users email | This validates if the email fits the needed requirements and tells you if it is valid or invalid. |
| validatePassword | Users’ password | This validates if the password fits the needed requirements and tells you if it is valid or invalid. |
| validateAge | Users age range | This validates if the age range was selected and tells you if it is valid or invalid. |
| validateGender | Users gender | This validates if the user selected a gender and tells you if it is valid or invalid. |
| validateText | Users’ thoughts | This validates if the user wrote a response and tells you if it is valid or invalid. |
| validateScale | Users scale | This validates if the user puts in a numeric integer that is either greater than 1 or less than 3 and tells you if it is valid or invalid. |
|  |  |  |

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?** |
|  | I couldn’t get the hashed password to work in the validation, as it was a bit confusing to me at first | I read more into the php documents and realized that I simply needed to echo the hashed password, copy it and then make it the value of the $globalpassword. |
|  |  |  |
|  |  |  |

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?** |
| Type = “number” | [<input type="number"> - HTML: HyperText Markup Language | MDN](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input/number) | So, a user can enter a number | I used it because one of the questions expected a number. |
| Filtervar | [PHP: filter\_var - Manual](https://www.php.net/manual/en/function.filter-var.php) | This filters a variable with a specified filter | I used it to validate the email |
| PasswordVerify | [PHP: password\_verify - Manual](https://www.php.net/manual/en/function.password-verify.php) | Verifies that the password matches the hash | I used it to help validate the password |
| FILTER\_VALIDATE\_EMAIL | [PHP: Predefined Constants - Manual](https://www.php.net/manual/en/filter.constants.php#constant.filter-validate-bool) | Returns a true or false value | I used it to validate the email |
| Password\_hash | [PHP: password\_hash - Manual](https://www.php.net/manual/en/function.password-hash.php) | Creates a password hash | I used it to hash my selected password so I could put it as a global password |
| isset | [PHP: isset - Manual](https://www.php.net/manual/en/function.isset.php) | Determines if a variable is declared and if it is different than null. | I used this to validate the radio buttons |
| In\_array | [PHP: in\_array - Manual](https://www.php.net/manual/en/function.in-array.php) | Check if value is in an array | I used this to validate the drop-down menu question |
| Array\_column | [PHP: array\_column - Manual](https://www.php.net/manual/en/function.array-column.php) | Returns values from a column in the input array | I used this to display the data results ineasy to read columns/sections. |
| shuffle | [PHP: shuffle - Manual](https://www.php.net/manual/en/function.shuffle.php) | Shuffles an array | I used this to the shuffle to different results from the thoughts data to display 3 different options. |
| min | [PHP: min - Manual](https://www.php.net/min) | Finds lowest value | I used this to set the minimum number of thoughts displayed to 3 |
| Array\_sum | [PHP: array\_sum - Manual](https://www.php.net/manual/en/function.array-sum.php) | Calculates the sum of values in an array | I used this to calculate the average of the scales values. |