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Milestone 4

Comp 1536

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**Validation Requirements**

We used recommendations online to decide what types of strings we will accept. Our forms are very limited; we used RegExp to ensure the strings inputted match our defined requirements.

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| **FORM on page:** contact.html |
| **Field ID** | **Data Format or RegExp** | **Explanation** |
| inputEmail | ^([a-zA-Z0-9\_.+-])+\@(([a-zA-Z0-9-])+\.)+([a-zA-Z]{2,4}\b)+$ | Letters, numbers, \_, -,+, . 1 or more times  followed by @ once  followed by letters, numbers, or –, 1 or more times  followed by a . 1 or more times  ending with 2 to 4 letters |
| inputSubject | Not blank | Subject field should not be blank |
| textArea | Not blank | Message should not be blank |

|  |
| --- |
| **FORM on page:** signup.html |
| **Field ID** | **Data Format or RegExp** | **Explanation** |
| inputEmail | ^([a-zA-Z0-9\_.+-])+\@(([a-zA-Z0-9-])+\.)+([a-zA-Z]{2,4}\b)+$ | Letters, numbers, \_, -,+, . 1 or more times  followed by @ once  followed by letters, numbers, or –, 1 or more times  followed by a . 1 or more times  ending with 2 to 4 letters |
| inputUser | ^[A-z0-9\_.-]{4,12}$ | At least 4 characters Less than 17 characters  Uppercase and lowercase letters  Numbers  No symbols (excludes: - , \_, and .) |
| inputPassword | ^(?=.\*[A-Za-z])(?=.\*\d)(?=.\*[$@$!%\*#?&])[A-Za-z\d$@$!%\*#?&]{8,}$ | At least 8 characters  At least 1 number  At least 1 symbol (e.g. !, #, $) |

|  |
| --- |
| **FORM on page:** login.html |
| **Field ID** | **Data Format or RegExp** | **Explanation** |
| inputEmail | ^([a-zA-Z0-9\_.+-])+\@(([a-zA-Z0-9-])+\.)+([a-zA-Z]{2,4}\b)+$ | Letters, numbers, \_, -,+, . 1 or more times  followed by @ once  followed by letters, numbers, or –, 1 or more times  followed by a . 1 or more times  ending with 2 to 4 letters |
| inputPassword | Not blank | Subject field should not be blank |

**Implement validation requirements**

Upon submission of each form, a function named formValidate() is called which checks the fields as described above. If there are any errors, on-form error messages in red are displayed.

Forms do not submit unless all error messages have been cleared

**Test Form**

We had 3 classmates use our forms. The responses were similar throughout. They were all understanding of the regular expression demands. One person suggested we add a character limit to the username, so we can appropriately fit the username onto certain web pages.

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| --- |
| **FORM ON PAGE:** signup.html |
| **FIELD LEVEL TESTING** | | | |
| **Field ID** | | **Problem** | **Improvements** |
| inputUser | | No limit to characters entered | Added a character limit of 16 |

**JavaScript widget**

We added a tooltip the username input on signup.html

It will let people know the requirements before they may get an error, which will lower frustration.

**Testing with JavaScript disabled**

Form submission works normally without JavaScript. The tooltip styling does not. The native HTML tooltip shows up which is hard to read and has a longer delay to popup than with jQuery.

**Published site**

We found it difficult to assess our time. There were things that you only realize during development, that they must be implemented or changed. For example, after we finished the website, we realized last minute that the home page does not at all tell the user that the website is about recipes. We plan to change this by the next milestone. We are thinking about a full span carousel.

We also ended up changing the layout of the recipe page, and continent pages as we were not happy with how they appeared when finished

Things like this made it difficult to add onto our already tight schedules.

However, in the end we are still all satisfied with how has turned out.

**Changes from previous milestones**

Homepage layout.

Continent page layout as discussed with Dr. Yu.

Recipe page layout.

Added 2 recipes to each continent so we could display 5.