**Validation Requirements**

|  |
| --- |
| **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 are displayed.

Forms do not submit unless all error messages have been cleared

**Test Form**

|  |
| --- |
| **FORM ON PAGE:** |
| **FIELD LEVEL TESTING** | | | |
| **Field ID** | | **Problem** | **Improvements** |
|  | |  |  |
|  | |  |  |
| **FORM LEVEL TESTING** | | | |
| **Form Flow** | | **Problem** | **Improvements** |
|  | |  |  |

**Javascript widget**