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| FORM on page: Sign in | | |
| Field ID | **Data Format/RegExp** | **Explanation** |
| txtUsername | Text | * Required field – cannot be blank. * We excluded validation for the sign in form because it should **only** send a warning if the username/password combination does not match the database (which has not been implemented yet). Essentially, it would be the same RegEx as the txtNewUser field. |
| txtPassword | Password | * Required field – cannot be blank. * We excluded validation for the sign in form because it should **only** send a warning if the username/password combination does not match the database (which has not been implemented yet). Essentially, it would be the same RegEx as the txtNewPassword field. |
| txtNewUser | Text  /^[a-zA-Z0-9\_-]{3,15}$/ | * Required field – cannot be blank. * It must be 3-15 characters and can only include alphanumeric characters, underscores and dashes. |
| txtNewPassword | Password  /^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*\d).{6,}$/ | * Required field – cannot be blank. * It must be 6 or more characters with at least one lowercase letter, one uppercase letter and one digit. |
| txtVerify | Password | * Required field – cannot be blank. * It must match txtNewPassword. |
| txtEmail | Text  /^[a-zA-Z\d\_]+\@[a-zA-z]+\.[a-zA-z]{2,3}/ | * Required field – cannot be blank. * An email cannot contain whitespaces. It must precede with an alphanumeric string (including underscores), followed by an @ symbol, another string, a period and ends in 2-3 alpha characters. * The last 3-4 characters must be .com, .ca or .org. |
| chkRemember | Checkbox | * No validation required. |

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| FORM on page: Contact Us | | |
| Field ID | **Data Format/RegExp** | **Explanation** |
| txtName | Text | * Required field – cannot be blank. * It cannot contain numbers or symbols. |
| txtEmail | Text  /^[a-zA-Z\d\_]+\@[a-zA-z]+\.[a-zA-z]{2,3}/ | * Required field – cannot be blank. * An email cannot contain whitespaces. It must precede with an alphanumeric string (including underscores), followed by an @ symbol, another string, a period and ends in 2-3 alpha characters. * The last 3-4 characters must be .com, .ca or .org. |
| taFeedback | Textarea | * Required field – cannot be blank. |

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| FORM on page: Catering | | |
| Field ID | **Data Format/RegExp** | **Explanation** |
| txtFirstName | Text  /[^a-zA-Z]+/ | * Required field – cannot be blank. * It can only include alpha characters. |
| txtLastName | Text  /[^a-zA-Z]+/ | * Required field – cannot be blank. * It can only include alpha characters. |
| txtPhone\_0, txtPhone\_1, txtPhone\_2 | Text | * Required field – cannot be blank. * txtPhone\_0 and txtPhone\_1 must have 3 digits. * txtPhone\_2 must have 4 digits. |
| txtEmail | Text  /^[a-zA-Z\d\_]+\@[a-zA-z]+\.[a-zA-z]{2,3}/ | * Required field – cannot be blank. * An email cannot contain whitespaces. It must precede with an alphanumeric string (including underscores), followed by an @ symbol, another string, a period and ends in 2-3 alpha characters. * The last 3-4 characters must be .com, .ca or .org. |
| txtOrganization | Text | * No validation required. |
| txtAddress | Text  /[^0-9a-zA-Z]+/ | * Required field – cannot be blank. * It must be alphanumeric. |
| txtDate | Text (widget) | * Required field – cannot be blank. * It must be at least 14 days from the current date. |
| txtStartTime | Text (widget) | * Required field – cannot be blank. * It must be after 8:00AM on weekdays and must be after 10:00AM on weekends. |
| txtEndTime | Text (widget) | * Required field – cannot be blank. * It must be before 4:00PM on weekdays and must be after 3:00PM on weekends. * It must be after the start time. |
| lstFunction | Text / Datalist  /[^a-zA-Z]+/ | * Required field – cannot be blank. * It can only include alpha characters. |
| txtGuests | Text | * Required field – cannot be blank. * It must numerical. * It must be at least 50 and no more than 250. |
| chkBrownies  chkCakes  chkCookies  chkCupcakes  chkDonuts  chkMacarons | Checkbox | * No validation required. |
| taAllergies | Textarea | * No validation required. |
| taComments | Textarea | * No validation required. |

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| FORM on page: Cart | | |
| Field ID | **Data Format/RegExp** | **Explanation** |
| txtQuantity1, txtQuantity2, txtQuantity3,  txtQuantity4 | text | * Required field – cannot be blank. * It must be a value between 1-100 (inclusive). |

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| FORM on page: Pop-up | | |
| Field ID | **Data Format/RegExp** | **Explanation** |
| txtQuantity | text | * Required field – cannot be blank. * It must be a value between 1-100 (inclusive). |

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| TEST DOCUMENTATION for FORM on page: Sign in | | |
| FIELD LEVEL TESTING | | |
| Field ID | **Problem** | **Improvements Made** |
| txtEmail | Did not account for spaces | Regex updated to restrict usage of spaces |
| txtVerify | Password verification did not check that the two entered passwords matched | The original validation was the same as the password box. Validation was changed to check that the two passwords matched instead. |
| FORM LEVEL TESTING | | |
| Form Flow | **Problem** | **Improvements Made** |
| Error message | Error messages were not clear enough | Error messages updated with more detail on allowed/not allowed characters |

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| TEST DOCUMENTATION for FORM on page: Contact Us | | |
| FIELD LEVEL TESTING | | |
| Field ID | **Problem** | **Improvements Made** |
| txtEmail | Did not account for spaces | Regex updated to restrict usage of spaces |
| taComments | Placeholder is missing and JS allows submission even when field is left “empty” | Tabs in HTML of textarea were removed to make textarea element empty |
| FORM LEVEL TESTING | | |
| Form Flow | **Problem** | **Improvements Made** |
| Error message | Error messages were not clear enough | Error messages updated with more detail on allowed/not allowed characters |

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| TEST DOCUMENTATION for FORM on page: Catering | | |
| FIELD LEVEL TESTING | | |
| Field ID | **Problem** | **Improvements Made** |
| txtPhone\_0, txtPhone\_1, txtPhone\_2 | Entering incorrect values and pressing Enter on the keyboard causes the box to be highlighted, but no error message shows | The missing lines of code in the validation function were added |
| txtEmail | Did not account for spaces | Regex updated to restrict usage of spaces |
| txtDate | Did not differentiate between dates within 2 weeks and dates in the past | New error message added for dates in the past |
| txtDate, txtStartTime, txtEndTime | The warning did not update when items were selected via the widget | Event handler changed from onblur to onchange |
| txtEndTime | Did not return an error if end time was before start time | Validation function updated to check that end time was after the start time |
| txtGuests | Field allows up to infinite number without an error message | Maximum allowable value added |
| FORM LEVEL TESTING | | |
| Form Flow | **Problem** | **Improvements Made** |
| Error message | Error messages were not clear enough | Error messages updated with more detail on allowed/not allowed characters |
| txtStartTime, txtEndTime | Field labels not clear enough | Field labels changed from “Start Time” and “End Time” to “Event Start Time” and “Event End Time” |

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| TEST DOCUMENTATION for FORM on page: Cart | | |
| FIELD LEVEL TESTING | | |
| Field ID | **Problem** | **Improvements Made** |
| No problems found |  |  |
| FORM LEVEL TESTING | | |
| Form Flow | **Problem** | **Improvements Made** |
| No problems found |  |  |

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| TEST DOCUMENTATION for FORM on page: Pop-up | | |
| FIELD LEVEL TESTING | | |
| Field ID | **Problem** | **Improvements Made** |
| No problems found |  |  |
| FORM LEVEL TESTING | | |
| Form Flow | **Problem** | **Improvements Made** |
| No problems found |  |  |

**URL where all work completed so far can be viewed**

http://students.bcitdev.com/A01005523/Milestone4Directory/htmlpages/index.html

**List of items completed for this milestone**

backtop.js

cart.js

catering.js

contact.js

index.js

popup.js

products.js

signin.js **Any additional work on top of what’s required for this milestone, if any**

**Key issues, including those outstanding, that was encountered**

**Widgets**