Testing

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| **Test ​**  **No. ​​** | **Test Name​​** | **Description​​** | **Test type​​** | **Data​​** | **Expected outcome​​** | **Actual outcome** | **Action taken /Fixes made​** |
| 1 | Help button -click | Mouse click on ‘Help’ button displays help message | Normal | N/A | Pop up window appears containing help test. Original window/page not changed | Pop up window appears containing help test. Original window/page not changed | None needed |
| 2 | Name Input | Click in ‘name’ text box and enter test data | Normal | Fred Bloggs | Name textbox turns from red to green as typing | Name textbox turns from red to green as typing | None Needed |
| 3 | Name Input – min length | Click in ‘name’ text box and enter test data | Abnormal | Fr | Name textbox remains red | Name textbox remains red | None Needed |
| 4 | Name Input – min length | Click in ‘name’ text box and enter test data | Normal | Fre | Name textbox turns green as last character typed | Name textbox turns green as last character typed | None needed |
| 5 | Name Input – maximum length | Click in ‘name’ text box and enter test data | Normal | abcdefghijklmnopqrstuvwxyz | Name textbox turns green | Name textbox turns green | None Needed |
| 6 | Name Input – maximum length | Click in ‘name’ text box and enter test data | Abnormal | Name textbox turns red | Name textbox turns red | Input was accepted | Added maxlength attribute to textbox html |
| 7 | Name Input – acceptable characters | Click in ‘name’ text box and enter test data | Normal | Mr. John-Paul Smith | Name textbox turns green | Name textbox turns green | None Need |
| 8 | Name Input - unacceptable characters | Click in ‘name’ text box and enter test data | Abnormal | John-P@ul | Name textbox turns red | Name textbox didn’t not turn red | Added a pattern attribute to text box |
| 9 | Age Input – minimum value | Click in ‘age’ text box and enter test data. | Abnormal | 15 | Age textbox remains red | Age textbox turns green | Corrected type attribute to ‘number’ |
| 10 | Age Input – minimum value | Click in ‘age’ text box and enter test data. | Normal | 16 | Age textbox turns green | Age textbox turns green | None Need |
| 11 | Age Input - Maximum Value | Click in ‘age’ text box and enter test data. | Normal | 99 | Age Textbox turns green | Age textbox turns green | None Need |
| 12 | Age Input - Maximum Value | Click in ‘age’ text box and enter test data. | Abnormal | 100 | Age textbox turns red | Age textbox turns red | None Needed |
| 13 | Age Input – Integer values | Click in ‘age’ text box and enter test data. | Abnormal | 50.5 | Age textbox turns red | Age textbox turns red | None Needed |
| 14 | Age Text – alpha characters | Click in ‘age’ text box and enter test data. | Abnormal | AAA | Age textbox turns red | Age textbox turns red | None Needed |
| 15 | Age input - Negative numbers | Click in ‘age’ text box and enter test data. | Abnormal | -20 | Age textbox turns red | Age textbox turns red | None Needed |
| 16 | Age Input - Exponential numbers | Click in ‘age’ text box and enter test data. | Abnormal | 2e2 | Age textbox turns red | Age textbox turns red | None Needed |
| 17 | Explain Input – Minimal Length | Click in ‘explain’ text box and enter test data. | Abnormal | aaaaa | Explain textbox turns red | Explain textbox turns green | Corrected minlength  Attribute to 6 |
| 18 | Explain Input – Minimal Length | Click in ‘explain’ text box and enter test data. | Normal | aaaaaa | Explain textbox turns green | Explain textbox turns green | None Needed |
| 19 | Explain Input – Maximum Length | Click in ‘explain’ text box and enter test data. | Normal | abcdefghijklmnopqrstuvwxyz | Explain textbox turns green | Explain textbox turns green | None Needed |
| 20 | Explain Input – Maximum Length | Click in ‘explain’ text box and enter test data. | Abnormal | abcdefghijklmnopqrstuvwxyzA | Explain textbox turns red |  | Added maxlength=”24” to textrea |
| 21 | Submit Button | Enter data and click ‘submit’ | Normal | Age:12, name:john-paul, explain: abcdefgh | New window showing inputted data | New window showing inputted data | None Needed |
| 22 | Submit Button – failed age | Enter data and click ‘submit’ | Abnormal | Age:144, name:john-paul, explain: abcdefgh | Age box turns red, shows ’please match the requested format’ tooltip | Age box turns red, shows ’please match the requested format’ tooltip | None Needed |
| 23 | Submit Button – failed name | Enter data and click ‘submit’ | Abnormal | Age:44,name: 1234567 explain: abcdefgh | “please fill in this field” tooltip on name field | All input accepted | Fix by fix for test 8 |
| 24 | Submit Button – failed explain | Enter data and click ‘submit’ | Abnormal | Age:44, name:john-paul, explain: abcdefghijklmnopqrstuvwxyzA | Last ‘A’ not accepted as input | All input accepted | Fixed by fix for test 20 |
| 25 | Submit Button – age empty | Enter data and click ‘submit’ | Abnormal | name:john-paul, explain: abcdefgh | age box turns red, shows “Please fill in this field” tooltip | age box turns red, shows “Please fill in this field” tooltip | None Needed |
| 26 | Submit Button – name empty | Enter data and click ‘submit’ | Abnormal | Age:44, explain: abcdefgh | name box turns red, shows “Please fill in this field” tooltip | name box turns red, shows “Please fill in this field” tooltip | None needed |
| 27 | Submit Button – explain empty | Enter data and click ‘submit’ | Abnormal | Age:44, name:john-paul | Explain box turns red, shows “Please fill in this field” tooltip | Explain box turns red, shows “Please fill in this field” tooltip | None Needed |

Screenshot Evidence (if applicable)

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| **Test No** | **Screenshot** |
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