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| Test Plan Graded Unit- K.Stepien Tests purpose is to test the forms located in the editUser.php, editPT.php, newPT.php, newUser.php files. Those files share the same layout of forms with the same validation attached, therefore same test data will be used. I will use the normal, extreme and boundary data to test every input box. Test data will be attached in the the TestData.docx file attached and results will be included in the TestLog.docx.file | | | |
| **Test No** | **Purpose/Type of Test** | **Input** | **Expected Result** |
| 1 | Normal Data input | Test Data 1 | User redirected to the proper page. Data accepted and displayed on the website properly. |
| 2 | Boundary data input for name field | Test Data 2 | Data not accepted and proper alert should be displayed: "Name must begin with an uppercase letter and contain only letters" |
| 3 | Extreme data input for name field | Test Data 3 | Data not accepted and proper alert should be displayed: "Name must begin with an uppercase letter and contain only letters" |
| 4 | Boundary data input for last name field | Test Data 4 | Data not accepted and proper alert should be displayed: Last name must begin with an uppercase letter and contain only letters |
| 5 | Extreme data input for last name field | Test Data 5 | Data not accepted and proper alert should be displayed :Last name must begin with an uppercase letter and contain only letters |
| 6 | Boundary data input for phone number field | Test Data 6 | Data not accepted and proper alert should be displayed: "Please use numbers only" |
| 7 | Extreme data input for phone number field | Test Data 7 | Data not accepted and proper alert should be displayed: "Please use numbers only" |
| 8 | Boundary data input for email field | Test Data 8 | Data not accepted and proper alert should be displayed: "Please enter a valid email address" |
| 9 | Extreme data input for email field | Test Data 9 | Data not accepted and proper alert should be displayed: "Please enter a valid email address" |
| 10 | Boundary data input for address field | Test Data 10 | Data not accepted and proper alert should be displayed: “Please enter the valid address” |
| 11 | Extreme data input for address field | Test Data 11 | Data not accepted and proper alert should be displayed: “Please enter the valid address” |
| 12 | Boundary data input for postal code field | Test Data 12 | Data not accepted and proper alert should be displayed: "Please enter a valid UK postcode" |
| 13 | Extreme data input for postal code field | Test Data 13 | Data not accepted and proper alert should be displayed: "Please enter a valid UK postcode" |
| 14 | Boundary data input for city field | Test Data 14 | Data not accepted and proper alert should be displayed: "Please enter a valid city name" |
| 15 | Extreme data input for city field | Test Data 15 | Data not accepted and proper alert should be displayed: "Please enter a valid city name" |
| 16 | No input- test of the HTML validation – ‘required ’ keyword | - | There should be a pop up message saying ‘This field is required’ |

# Test Log and Comments

All the tests displayed the valid alert message and data input worked as expected. After entering the valid data user is redirected to the proper page of the website and the data is visible in the table. While leaving the input boxes blank HTML validation is used properly displaying the alert to the user .

**Test Log**

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| **Test no** | **Actual result** | **Pass/Fail** | **Coments** |
| **1** | Data accepted in the form properly | Pass | Data was accepted by the JS validation and saved in the database |
| **2** | Data not accepted by the form | Pass | "Name must begin with an uppercase letter and contain only letters" error displayed |
| **3** | Data not accepted by the form | Pass | Displayed the error message: ""Name must begin with an uppercase letter and contain only letters" |
| **4** | Data not accepted by the form | Pass | Displayed an error “Last name must begin with an uppercase letter and contain only letters” |
| **5** | Data not accepted by the form | Pass | Displayed an error “Last name must begin with an uppercase letter and contain only letters” |
| **6** | Data not accepted by the form | Pass | Displayed an error "Please use numbers only" |
| **7** | Data not accepted by the form | Pass | Displayed an error "Please use numbers only" |
| **8** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid email address" |
| **9** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid email address" |
| **10** | Data not accepted by the form | Pass | Displayed an error “Please enter the valid address” |
| **11** | Data not accepted by the form | Pass | Displayed an error “Please enter the valid address” |
| **12** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid UK postcode" |
| **13** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid UK postcode" |
| **14** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid city name" |
| **15** | Data not accepted by the form | Pass | Displayed an error "Please enter a valid city name" |
| **16** | Data not accepted by the form | Pass | When pressing the submit button, “required” pop up message is displayed and proper input box is highlighted. |