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| **Test Number** | **Purpose of test** | **Test Data** | **Expected Result** | **Actual results** | **Comments** |
| 1a | number of employees input validation | 2 | The data type should be stored into employeeNumber | The data type is stored correctly into employeeNumber |  |
| 1b | number of employees input validation | 2.2 | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. |  |
| 1c | number of employees input validation | two | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. |  |
| 1d | number of employees input validation | 6ix | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. |  |
| 2a | Employee name input validation | Jojo | The data type should be stored into employeeName | data type is stored into employeeName |  |
| 2b | Employee name input validation | pneumonoultramicroscopicsilicovolcanoconiosis | The data type should be stored into employeeName | data type is stored into employeeName |  |
| 2c | Employee name input validation | J4ke | Should show an error message and allow the user to input the correct data type. | data type is stored into employeeName this is because the data type is a string | Was expecting the program to show an error message, but it didn’t because ‘4’ can also be a string. |
| 2d | Employee name input validation | Thisandthat5@gmail.com | Should show an error message and allow the user to input the correct data type. | data type is stored into employeeName this is because the data type is a string | Was expecting the program to show an error message, but it didn’t because ‘@’ can also be a string. |
| 3a | Employee ID input validation | 123452 | The data type should be stored into employeeId | data type is stored into employeeId |  |
| 3b | Employee ID input validation | 444 444 | The data type should be stored into employeeId | data type is stored into employeeId |  |
| 3c | Employee ID input validation | Four 4 44 | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. |  |
| 3d | Employee ID input validation | 2147483648 | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. | The data type is one more than the maximum data capacity of int 32-bit in C# |
| 3e | Employee ID input validation | 2147483647 | The data type should be stored into employeeId | data type is stored into employeeId correctly. | The data type is one less than the maximum data capacity of int 32-bit in C# |
| 3f | Employee ID input validation | 7A89DDD000SHL2 | Should show an error message and allow the user to input the correct data type. | shows an error message and allow the user to input the correct data type. |  |