UNIT TEST OF MOCK C

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1. **Test case 1: TC\_USER\_REQUEST**

|  |  |
| --- | --- |
| Test | Result |
| User’s request consists of special character |  |
| Length of user’s requests is out of limitation |
| Correct request |  |

Table 1. Test result of TC\_USER\_REQUEST.

Note: User’s request just consists of numerical character (from 1 to 9) and user’s request just needs 1 character each type.

1. **Test case 2: TC\_INPUT\_USER\_NAME**

|  |  |
| --- | --- |
| Test | Result |
| User’s name consists of special character |  |
| Length of user’s name is out of limitation |  |
| Correct user’s name |  |

Table 2: Test result of TC\_INPUT\_USER\_NAME.

Note: Format of user’s name consists of alphabet or numerical character.

1. **Test case 3: TC\_GENERATE\_RANDOM\_NUMBER**

|  |  |
| --- | --- |
| Test | Result |
| First time generating |  |
| Second time generating |  |
| Third time generating |  |

Table 3: Test result of TC\_GENERATE\_RANDOM\_NUMBER.

1. **Test case 4**: **TC\_INPUT\_GUESS\_NUMBER**

|  |  |
| --- | --- |
| Test | Result |
| User’s input number consists of special character |  |
| User’s input number consists of alphabet character |  |
| Length of user’s input number is out of limitation |  |
| User’s input number correct |  |

Table 4: Test result of TC\_INPUT\_GUESS\_NUMBER.

Note: User’s input number has 7 characters: 6 digits and null character.

1. **Test case 5: TC\_CHECK\_GUESS\_NUMBER**

|  |  |
| --- | --- |
| Test | Result |
|  |  |

Table 5: Test result of TC\_CHECK\_GUESS\_NUMBER.

1. **Test case 6: TC\_INTERACT\_WITH\_FILE\_10\_HIGHEST\_PLAYER**

|  |  |
| --- | --- |
| Test | Result |
|  |  |

Table 6: Test result of TC\_INTERACT\_WITH\_FILE\_10\_HIGHEST\_PLAYER.

Note: First print is test of load and print data. Second print is test of update and save data (updated data is user name: test10).

1. **Test case 7: TC\_INTERACT\_WIHT\_LOG\_FILE**

|  |  |
| --- | --- |
| Test | Result |
|  |  |

Table 7: Test result of TC\_INTERACT\_WIHT\_LOG\_FILE.

Note: Update data are user name: unit\_test and magic number guessed done: 1.