# Test Plans

1. *Selection Sort-* Check if patients are sorted in ascending order.
2. *Binary Search-* Check if patient ID 1008 can be successfully searched from among 5 patients.
3. *Input/Output-* Check if message boxes work when input is given

Test results

*Check if patients are sorted in ascending order.*

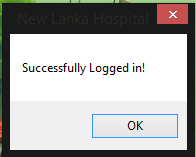
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Trial Number | Sample Set | | | Output | | Status | Comment |
| **x** | **y** | **z** | Expected | Received |
| #1 | 1156 | 1190 | 1113 | z, x, y | x, z, y | Fail | Min variable set wrongly |
| #2 | 1156 | 1190 | 1113 | z, x, y | z, x, y | Success | Confirm with different set |
| #3 | 1178 | 1123 | 1198 | y, x, z | y, x, z | Success | Confirmed |

*Check if patient ID 1008 can be successfully searched from among 5 patients.*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trial Number | Sample Set | | | | | Output | | Status | Comment |
| **a** | **b** | **c** | **d** | **e** | Expected | Received |
| #1 | 1178 | 1008 | 1156 | 1123 | 1190 | 1008 | 1008 | Success | Confirm with different set |
| #2 | 1148 | 1192 | 1112 | 1008 | 1005 | 1008 | 1008 | Success | Confirmed |

*Check if message boxes work when input is given*

*-Attempt logging in:* SUCCESS

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