Log In

|  |  |  |  |
| --- | --- | --- | --- |
| Case | Input | Expected Result | Result  (pass or Fail) |
| Valid input |  |  |  |
| User=type of user  Password=valid input | User=Normal user  Password=“user123” | Password is validated and VMS main GUI is opened | PASS |
| User=type of user  Password=valid input | User =Administrator  Password=“op123” | Password is validated and VMS main GUI is opened | PASS |
| Invalid input |  |  |  |
| User=type of user  Password=invalid input | User =Normal user  Password=empty | Remain at Login and error message pop up is displayed | PASS |
| User=type of user  Password=invalid input | User =Normal user  Password= invalid | Remain at Login and error message pop up is displayed | PASS |

Start Simulator

|  |  |  |  |
| --- | --- | --- | --- |
| Case | Input | Expected Result | Result  (pass or Fail) |
| Valid input |  |  |  |
| Valid vsf file  Valid host  Valid port | File=sample.vsf Host=localhost  Port=11233 | Simulator initiates steps to connect to VMS | PASS |
| Invalid input |  |  |  |
| Non-existent vsf file  Valid host  Valid port | File=doesntexist.vsf Host=localhost  Port=11233 | Return “File doesntexist.vsf does not exist.” | PASS |
| Invalid vsf file  Valid host  Valid port | File=invalid.vsf Host=localhost  Port=11233 | Return “File invalid.vsf is not readable.” | PASS |
| Valid vsf file  Invalid host  Valid port | File=sample.vsf Host=192.168.03.2  Port=11233 | Return “Cannot resolve address 192.168.03.2:11233.” | PASS |
| Valid vsf file  Valid host  Invalid port | File=sample.vsf Host=localhost  Port=9999 | Return “Cannot resolve address localhost:9999.” | PASS |
| Valid vsf file  Valid host  Invalid port format | File=sample.vsf  Host= localhost  Port=string | Return “You must supply a number for the port.” | PASS |
| Valid vsf file  Valid host  Invalid port integer | File=sample.vsf  Host= localhost  Port=-1000 | Return “You must provide a positive integer for the port.” | PASS |

Filtering/Sorting Control

|  |  |  |  |
| --- | --- | --- | --- |
| Case | Input | Expected Result | Result  (pass or Fail) |
| Valid input |  |  |  |
| User=Administrator | User=Administrator  Password=“op123” | VMS is opened with filtering and sorting options | PASS |
| Invalid input |  |  |  |
| User=Normal user | User=Normal User  Password=“user123” | VMS is opened without filtering and sorting options | PASS |