Black Box Test Plan

In this section, you must provide your black-box test plan with at least 5 black-box test cases.

Make sure:

* You describe how to setup the system to begin black-box testing
* Test IDs are uniquely identified and descriptive
* Test descriptions are fully specified with complete inputs, specific values, and preconditions
  + Be sure to provide SPECIFIC INPUTs and VALUEs so that your test cases are repeatable
* Expected results are fully specified with specific output values
* The test process is fully provided and clear. No modifications are needed.
* All tests cover scenarios based on the problem statement
* All tests cover unique scenarios for the system
* All strategies for black-box testing are demonstrated in the tests (ECP, BVA, DT)

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| **TestStartUp** | Preconditions:  None  The user runs SecurityLogUI.java  At the prompt, enter  input/activityLog\_small.txt  Check results | Program prompts user with  “Enter file name: “  Program displays the following prompt to the user:  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ | Program prompts user with  “Enter file name: “  Program displays the following prompt to the user:  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ |
| **OperationalProfileWithRecordedActivity** | Preconditions: The program is running, TestStartUp has passed  The user is presented with the option to generate a user report, generate an operational profile, or quit.  The user chooses to generate an operational profile by typing **o** and then hitting **enter**  The user is prompted to enter a beginning time  Enter the following:  01/01/2000 12:00:00AM  The user is prompted to enter an end time  Enter the following:  01/01/2020 12:00:00AM  Check results | A message is displayed to the user that reads as follows:  OperationalProfile[  sort ICD-9 Code 196: frequency: 14, percentage: 87.5%  import office visit OV04312: frequency: 1, percentage: 6.3%  resolve message M2964: frequency: 1, percentage: 6.3%  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ | A message is displayed to the user that reads as follows:  OperationalProfile[  sort ICD-9 Code 196: frequency: 14, percentage: 87.5%  import office visit OV04312: frequency: 1, percentage: 6.3%  resolve message M2964: frequency: 1, percentage: 6.3%  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ |
| **OperationalProfileWithoutRecordedActivity** | Preconditions: The program is running, TestStartUp has passed  The user is presented with the option to generate a user report, generate an operational profile, or quit.  The user chooses to generate an operational profile by typing **o** and then hitting **enter**  Enter the following:  01/01/197012:00:00AM  The user is prompted to enter an end time  Enter the following:  01/01/1990 12:00:00AM  Check results | A message is displayed to the user that reads as follows:  OperationalProfile[  No activity was recorded.  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ | A message is displayed to the user that reads as follows:  OperationalProfile[  No activity was recorded.  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ |
| **UserReportWithRecordedActivity** | Preconditions: The program is running, TestStartUp has passed  The user is presented with the option to generate a user report, generate an operational profile, or quit.  The user chooses to generate a user report by typing **u** and then hitting **enter**  Enter the following:  Username: quhundley  check results | The following is displayed:  Activity Report for quhundley[  07/18/2015 07:57:42PM - sort ICD-9 Code 196  02/04/2016 08:49:22AM - sort ICD-9 Code 196  11/20/2016 02:07:54PM - sort ICD-9 Code 196  08/04/2017 11:01:45AM - sort ICD-9 Code 196  09/21/2017 08:50:13AM - import office visit OV04312  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ | The following is displayed:  Activity Report for quhundley[  07/18/2015 07:57:42PM - sort ICD-9 Code 196  02/04/2016 08:49:22AM - sort ICD-9 Code 196  11/20/2016 02:07:54PM - sort ICD-9 Code 196  08/04/2017 11:01:45AM - sort ICD-9 Code 196  09/21/2017 08:50:13AM - import office visit OV04312  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ |
| **UserReportWithoutRecordedActivity** | Preconditions: The program is running, TestStartUp has passed  The user is presented with the option to generate a user report, generate an operational profile, or quit.  The user chooses to generate a user report by typing **u** and then hitting **enter**  Enter the following:  Username: nnbenven  check results | The following is displayed:  Activity Report for nnbenven[  No activity was recorded.  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ | The following is displayed:  Activity Report for nnbenven[  No activity was recorded.  ]  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “ |
| **TestQuit** | Preconditions: The program is running, TestStartUp has passed  The user is then given the prompt  “Press <o> for operational profile, <u> for user report, or <q> to quit: “  Type **q** and then hit **enter**  Check results | The user is exited out of the program | The user is exited out of the program |