

BLACK BOX TEST PLAN

For our black box test cases, we will use the following input file for test.

(Tests pulled from my Project 1 BBTP)

Input log activity information “other” :

USERNAME, TIMESTAMP, ACTION, RESOURCE
jtking, 1/18/2018 1:22:21PM, view, prescription information
mbbrowne, 1/18/2018 1:23:47PM, create, immunization order
ssoulcrusher, 1/18/2018 1:22:01PM, delete, prescription information
jdschmidt, 1/18/2018 1:24:21PM, view, prescription information
jtking, 1/18/2018, 12:58:14PM, delete, demographics information

| Test ID | Description | Expected Results | Actual Results |
|--|---|---|---|
| Test 1: testStart | Preconditions: None Steps: 1. Click sercurityLogManager.gui to start the program | The software prompts the user to specify the activity information file which contains the username, timestamp, action and resource | The software prompts the user to specify the activity information file which contains the username, timestamp, action and resource |
| Test 2: testLoadFiles (ECP- reading data from files) | Preconditions: Test 1 passed. The file “other” exists. Steps: 1. When the software prompts user for input file, “input/other” | The software reads the files successfully and re-prompt requests do not appear. | The software reads the files successfully and re-prompt requests do not appear. |
| Test 3: testNoUser((BVA – test a user that has 0 miles) | Preconditions: Test 2 passed Steps: 1. User chooses produce user report option 2. When the software prompts for the username, type: Ryan Alexander | Since username has no recorded activity, the system should say no activity recorded. | Since username has no recorded activity, the system should say no activity recorded |
| Test 4: | Preconditions: Test 1 passed Steps: | Since activity1.txt does not exist, the | Since activity1.txt does not exist, the |

| | | | |
|---|--|--|--|
| testAskInvalidUser (DT – trying to search an invalid user) | <ol style="list-style-type: none"> When the software prompts user for input file, input the activity1.txt | program informs the user that the file is invalid | program informs the user that the file is invalid |
| Test 5: testWholeProgram | <p>Preconditions: The file “other”</p> <p>Steps:</p> <ol style="list-style-type: none"> Click securityLogManager.gui to start the program. When the software prompts user for input file input activity.txt User choose generate operational profile option User enters the times: "1/17/2018 12:00:00AM" and "1/20/2018 12:00:00PM" | <p>The program would output the following information:</p> <pre>OperationalProfile [view prescription information: frequency: 2, percentage: 40.0% create immunization order: frequency: 1, percentage: 20.0% delete demographics information: frequency: 1, percentage: 20.0% delete prescription information: frequency: 1, percentage: 20.0%]</pre> | <p>The program would output the following information:</p> <pre>OperationalProfile [view prescription information: frequency: 2, percentage: 40.0% create immunization order: frequency: 1, percentage: 20.0% delete demographics information: frequency: 1, percentage: 20.0% delete prescription information: frequency: 1, percentage: 20.0%]</pre> |