SECURITY LOG MANAGER 2.0
PROPOSAL

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BLACK BOX TEST PLAN

To run the tests:

1. Right click on Handler class in the Package Explorer
2. Select Run As > Java Application

For the black box test cases, the test file input.txt will contain the following:

```
USERNAME, TIMESTAMP, ACTION, RESOURCE

grbudi, 1/18/2018 1:22:21PM, view, prescription information

ndey3, 1/18/2018 1:23:47PM, create, immunization order

grbudi, 1/18/2018 1:22:01PM, delete, appointment

grbudi, 1/19/2018 1:30:01PM, delete, appointment
```

Test 1: Start Security Log Manager (DT)	Preconditions: The file output.txt does not exist Steps: 1. Specify input file as output.txt 2. Check Expected Results 3. Specify the input file as input.txt 4. Check Expected Results	A message appears: "The specified file does not exist. Please input a file path:" ------------------------------ A prompt appears: 1. Generate Operational Profile 2. Get User Logs 3. Exit	My code doesn't run
Test 2: Generate Operational Profile: No activity	Preconditions: Test 1 has passed Steps: 1. User chooses	A message appears: "No activity was recorded."	My code doesn't run

(BVA)	"Generate Operational Profile" 2. Specify begin time as 1/15/2018 00:00:00 and end time as 1/16/2018 00:00:00 3. Check Expected Results		

Test 3:
 	
Generate Operational Profile: Activities exist
 	
(ECP)
	Preconditions:
	
	Test 1 has passed
	
	Steps:
	
	1. User chooses "Generate Operational Profile"
	
	2. Specify begin time as 1/16/2018 00:00:00 and end time as 1/19/2018 1:30:01PM
	
	3. Check Expected Results
		Output:
		
		OperationalProfile[
		
		  delete appointments: frequency: 2, percentage: 50%
		
		  create immunization order: frequency: 1, percentage: 25%
		
		  view prescription information: frequency: 1, percentage: 25%
		
		]
			My code doesn't run

Test 4: Produce User Report: User does not exist (BVA)	Preconditions: Test 1 has passed Steps: 1. User chooses "User Report" 2. Input "testcase" 3. Check Expected Results	A message appears: "No activity was recorded"	My code doesn't run
Test 5: Produce User Report: User	Preconditions: Test 1 has passed	Output: Activity Report for ndey3[	My code doesn't run

exists (ECP)	Steps: 1. User chooses "User Report" 2. Input ndey3 3. Check Expected Results	1/18/2018 1:23:47PM - create immunization order]	

Test 6: Quit Security Log Manager (BVA)	Preconditions:
	
	Test 1 has passed
	
	Steps:
	
	1. User selects "quit"
	
	2. Check input.txt file
	
	3. Check Expected Results
		The software closes.
		
		Input.txt has remained unedited:
		`USERNAME, TIMESTAMP, ACTION, RESOURCE`
		`grbudi, 1/18/2018 1:22:21PM, view, prescription information`
		`ndey3, 1/18/2018 1:23:47PM, create, immunization order`
		`grbudi, 1/18/2018 1:22:01PM, delete, appointment`
		`grbudi, 1/19/2018 1:30:01PM, delete, appointment`
			My code doesn't run