

CS350 SafeHome Team 8 Bug Report submitted by Team 3

CS350 SafeHome Team 8 Bug Report	1
1. Visual bug with the settings menu	2
2. No validation for type/format of: Monitor Phone, Home Phone, and Alert Email	2
3. Password data corrupted following series of steps	3
4. Password can always be deleted if it doesn't exist	5
5. Saving master password is very slow	6
6. Changing master password and guest password does not go into affect until restart	7
7. Changes to the password persist for only 1 reset	8
8. There is no limit check on the length of the password	9
9. Can set the lock time and the delays as negative, causing crashes when accessed	10

1. Visual bug with the settings menu

Tester : Mohamed Elnakeeb

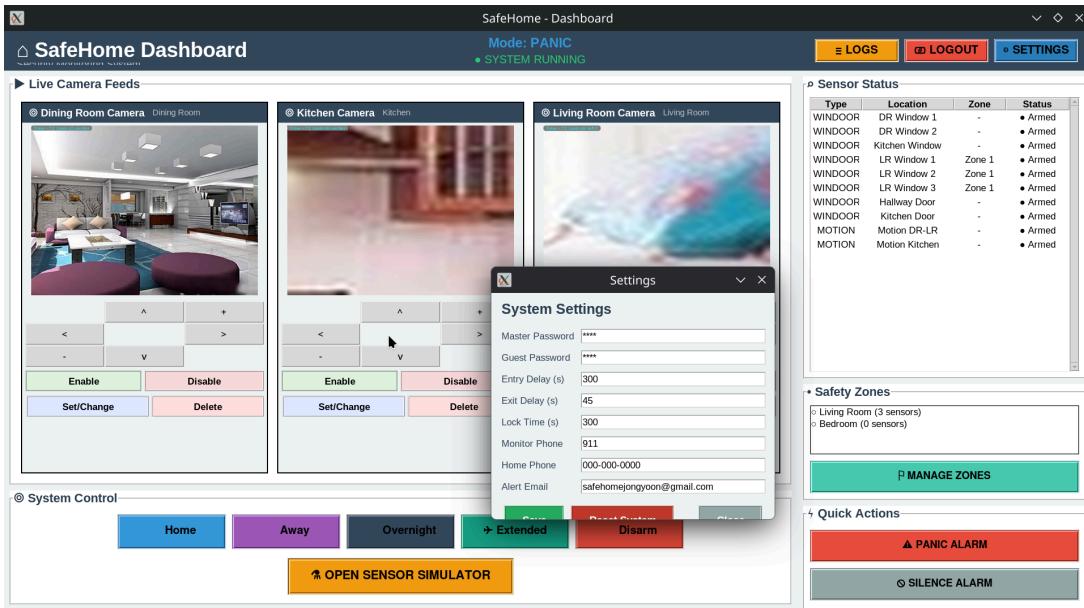
Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Observed Failures

1. Window is cut off

Screenshots



Reference

- Team3 SRS (2007) V.1.c. Configure system setting

2. No validation for type/format of: Monitor Phone, Home Phone, and Alert Email

Tester : Mohamed Elnakeeb

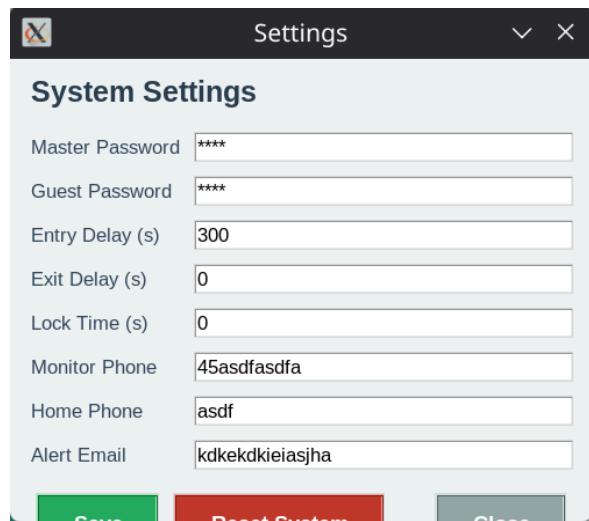
Environment

- Fedora linux 43
- Virtual enviroment used(venv) and download steps followed exactly

Observed Failures

1. lack of validation for type/format of: Monitor Phone, Home Phone, and Alert Email shown

Screenshots



Reference

- Team3 SRS (2007) V.1.c. Configure system setting

3. Password data corrupted following series of steps

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Steps

1. Reset system
2. Set password for any camera
3. Disable said camera
4. Logout
5. Log in as guest
6. Spam any directional button(tested with right and left) on the disabled camera
7. Log back into Admin
8. Try to enable camera

Observed Failure

1. Password is invalid

Notes

- Also works without disabling but the prompt for accessing the camera will fail

Screenshots

SafeHome - Dashboard

Mode: PANIC
SYSTEM RUNNING

Live Camera Feeds

- ④ Dining Room Camera Dining Room
- ④ Kitchen Camera Kitchen
- ④ Living Room Camera Living Room

Sensor Status

Type	Location	Zone	Status
WINDOOR	DR Window 1	Zone 4	• Arm
WINDOOR	DR Window 2	Zone 4	• Arm
WINDOOR	Kitchen Window	Zone 4	• Arm
WINDOOR	LR Window 1	Zone 5	• Arm
WINDOOR	LR Window 2	Zone 5	• Arm
WINDOOR	LR Window 3	Zone 4	• Arm
WINDOOR	Hallway Door	Zone 4	• Arm
WINDOOR	Kitchen Door	-	• Arm
MOTION	Motion DR-LR	Zone 3	• Arm
MOTION	Motion Kitchen	Zone 4	• Arm

System Control

- Home
- Away
- Overnight
- Extended
- Disarm

Quick Actions

- ⚠ PANIC ALARM
- 🔕 SILENCE ALARM

SafeHome - Dashboard

Mode: PANIC
SYSTEM RUNNING

Live Camera Feeds

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MOTION	Motion Kitchen	Zone 4	• Arm

System Control

- Home
- Away
- Overnight
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- Disarm

Quick Actions

- ⚠ PANIC ALARM
- 🔕 SILENCE ALARM

(test showing only spamming camera 1) and trying to relogin

Reference

- Team3 SRS (2007) V.3.c. Set camera password

4. Password can always be deleted if it doesn't exist

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

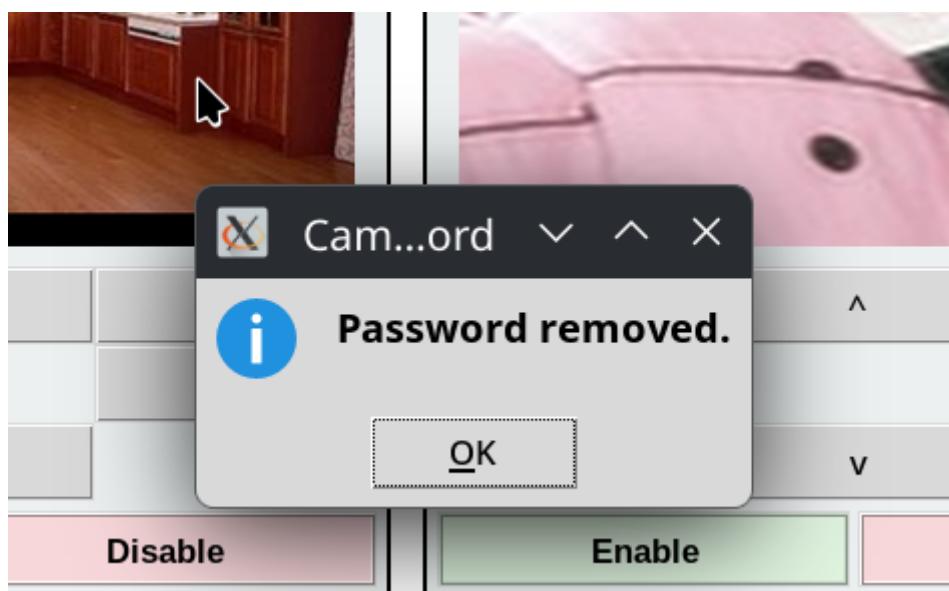
Steps

1. Press delete when there's no password

Observed Failures

1. You get a “password removed” pop up even if there was no password

Screenshots



Reference

- Team3 SRS (2007) V.3.d. Delete camera password

5. Saving master password is very slow

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Steps

1. Log in to system
2. Go to settings menu
3. Change master password to anything
4. Press save

Observed Failures

1. A noticeable delay before the popup that says that settings have been saved

Reference

- Team3 SRS (2007) V.1.c. Configure system setting

6. Changing password does not go into affect until restart

Tester : Mohamed Elnakeeb

Environment:

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Steps

1. Login
2. Go to settings
3. Change either guest or master password
4. Log out

Observed Failures

1. Changes don't apply and can still use the defaults to log in

Notes

- It works after closing and reopening the program

Reference

- Team3 SRS (2007) V.1.c. Configure system setting

7. Changes to the password persist for only 1 reset

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Steps:

1. Login
2. Go to settings
3. Change either password
4. Close the program
5. Reopen
6. Enter new password
7. Close the program
8. Reopen

Observed Failures

1. Changes that you applied to the program are not in effect anymore

Notes

- This isn't mentioned anywhere, and for that there should be a reset script instead

Reference

- Team3 SRS (2007) V.1.c. Configure system setting

8. There is no limit check on the length of the password

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
- Virtual environment used(venv) and download steps followed exactly

Steps

1. Login
2. Go to settings
3. Change any password to an absurdly long one(copy the last bug report and paste it there)
4. Close and reopen the program

Observed Failure

1. The password does not work, neither does the default

Reference

- Team3 SRS (2007) V.1.c. Configure system setting

9. Can set the lock time and the delays as negative, causing crashes when accessed

Tester : Mohamed Elnakeeb

Environment

- Fedora linux 43
 - Virtual environment used(venv) and download steps followed exactly

Steps

1. Login into the system and navigate to the settings menu
 2. Set the values as -1
 3. Exit the program
 4. When relogging in put in incorrect passwords until lockout

Observed Failure

1. The following crash occurs:

Reference

- Team3 SRS (2007) V.1.c. Configure system setting