

Use Case: Activate/Deactivate Security Zone

Primary Actor: Homeowner

Goal In context: To activate/deactivate security zone

Preconditions: SafeHome must be installed on site and should be accessible via browser

Trigger: The homeowner want to activate/deactivate the existing security zone

Scenario:

1. Homeowner open web browser
2. Homeowner access the website
3. Homeowner enter the username and password
4. After verification homeowner will allowed to enter the system
5. Homeowner will select the security
6. Homeowner select update security
7. Homeowner select the security zone
8. Homeowner can either activate or deactivate the security zone.

Exceptions:

1. Homeowner enter wrong username or password from 1 to 3 times: homeowner can reenter the username and password
2. Homeowner enter wrong username or password 4th time. Homeowner have to wait for 30 seconds to login again.
3. If homeowner forgot the password, he or she can reset the password.
4. Homeowner has access to system ,he can do whatever he want's

Priority: Essential, must be implemented

When available: First Increment

Frequency of use: Less frequent

Channel of actor: Web Browser

Secondary Actor: Administrator

Channel of secondary actors: Web Browser

Open issue:

1. Low internet speed can cause issue
2. Website can go down sometime
3. Panel can respond a little slow

Use Case: Detect Alarming Situation

Primary Actor: Sensor

Goal In context: Contact Homeowner in case of emergency

Preconditions:

1. SafeHome must be configured
2. SafeHome must connect with all sensors
3. Alarm sensors must be configured and set
4. Email or cell phone of homeowner should be obtained already

Trigger: Sensor detect any alarming situation like fire, smoke, windows or doors opening etc.
and contact the homeowner

Scenario:

1. Sensors detect the alarming situation
2. Sensors activate the alarm
3. Sensors send email or call to homeowner

Exceptions:

1. Alarm is not working

2. Homeowner is not picking the call

Priority: Essential, must be implemented

When available: First Increment

Frequency of use: Less frequent

Channel of actor: Email or Cell phone

Secondary Actor:

Channel of secondary actors:

Open issue:

1. Low internet speed can cause issue

Use Case: Help Menu

Primary Actor: Homeowner

Goal In context: To understand how to use SafeHome system and do things in it.

Preconditions: SafeHome must be installed on site and should be accessible via browser

Trigger: The homeowner want to understand the system

Scenario:

1. Homeowner open web browser
2. Homeowner access the website
3. Homeowner enter the username and password
4. After verification homeowner will allowed to enter the system
5. Homeowner will select the Help Menu

Exceptions:

Priority: Essential, must be implemented

When available: First Increment

Frequency of use: Less frequent

Channel of actor: Web Browser

Secondary Actor: Administrator

Channel of secondary actors: Web Browser

Open issue: