USE CASE: Monitor sensor

Primary Actor: Homeowner

Goal in context: To check the functionality of safe home monitor sensor when the Homeowner wants to observe distortion.

Precondition: safe home is shaped and launched in real space.

Trigger: homeowner wants to observe any out siding disturbance but he is not at home.

Scenario:

1. homeowner visits website of safe home
2. Then he enters login credentials
3. Checks the condition of monitor sensor whether any unknowing change has occurred.
4. If monitor detects new distortion than sensor sense it and show it to homeowner.
5. If certain conditions has changed than it's definitely something which is sensed by monitor sensor, might be any unauthorized access.

Exceptions:

1. if homeowner checks the monitor sensor and noticed some change so there is an interruption towards safe home.
2. If there is no certain changings and homeowner does not notice any change in monitor sensor part so there is no remodeling.

Priority: conditions and essentials must be noticed thoroughly.

When available: new increment

Frequency of use: when there is notification of certain modification.

Channel of actor: control panel

Secondary actors: administrator

Channels of secondary actors: control panel

Open issue:

1. low speed internet can cause issue
2. Panel might not respond and not keeps record of alert sometime.

USE CASE: Set alarm

Primary actor: homeowner

Goal in context: to secure safe home via alarm alert

Precondition: safe home is configured in real space.

Trigger: homeowner decides to shield the safe home either he is not at home.

Scenario:

1. Homeowner opens safe home site
2. Homeowner checks the alarm notification about safe home.
3. Homeowner configures many actions for alarm setting, might be it a ping out, might be it's an alarming or threat click regarding safe home.

Exceptions:

1. Homeowner has signed in notification but sometimes it's not pinging as well.
2. Safe home might have weak internet access, so notification not sent to homeowner.
3. After reminding or alarming notification, homeowner does not check it in a while.

Priority:

Essentials must be configured, set and implemented.

When Available:

Prior boost or supplement

Frequency of use:

Much frequently being used

Channel of actor:

Control panel or web

Secondary actors:

Homeowner Administrator

Channel of secondary actors:

Control panel

Open issues:

1. Homeowner cannot check required notification regarding security alarm.
2. Homeowner could not set proper alert notifications.

USE CASE:

Create security zone

Primary actor:

Safe home administrator

Goal in context:

To provide security to safe home

Precondition:

Safe home must be configured in real space or web.

Trigger:

When user tries to access the safe home UN authorizedly.

Scenario:

1. User goes to login through control panel or site.
2. He enters his username and correct password.
3. Goes to his specified and unrestricted domains of safe home without any interruption.

Exceptions:

1. If safe home administrator enter into wrong domain which is restricted for him.
2. There is a chance to enter wrong password and conditions are not fulfill.
3. By accessing that site, there might be non-true or UN authentic error which may cause damage to safe home security.

Priority:

It must be implemented and essential.

When available:

First increment

Frequency of use:

Most frequent use

Channel of actor:

Web browser and control panel

Secondary actors:

Null

Channels of security actors:

Null

Open issues:

1. Website might not respond sometime.
2. User might be entered in restricted domains.
3. Website might not respond to rising issues which may damage.

USE CASE:

Reconfigure Security Zone

Primary Actor:

Safe home administrator

Goal in Context:

To keep safe home secure and shielded

Precondition:

Safe home is composed in real space

Trigger:

Safe home administrator decides to access safe home through precautionary actions it must be protected.

Scenario:

1. Administrator opens web browser.
2. Administrator goes to required domain or required specific area of safe home and changes the configured security zone of safe home.
3. Safe home administrator notice the faults of safe home security zone and tries to rebuild this phase specifically.
4. Tries to update the authentication rules for safe home access.

Exceptions:

1. Safe home administrator has selected rebuild the zone but reconfiguration is not acted in that while.
2. Safe home administrator has set wrong conditions for security resetting.
3. Conditions might be matched by old ones and updating does not work specifically.
4. Administrator has access to control panel but domains are not set for specific users which is not good practice.

Priority:

- Essential and must be implemented.
- Already used security rules must be scanned.

When available:

First increment

Frequency of use:

Frequently used and whenever need arises regarding security.

Channel of actor:

Control panel or web

Secondary actors:

Homeowner

Channels of secondary actors:

Control panel

Open issues:

1. There might be wrong hit directions.
2. Redesigned patterns are not understandable by new user of safe home.
3. Selection of domains is not preferred.