1.User

IN-FN-01. The system shall allow the user to enter a phone number

IN-FN-02. The system shall allow the user to Submit their phone number.

IN-FN-03. The system shall allow the user to enter a Password.

1. The system shall allow the user to submit the password.

OUT-FN-01. The system shall allow the user to view the Terms of Use.

OUT-FN-02. The system shall allow the user to view their usage history for all their connected devices.

OUT-FN-03. The system shall display the reason for the Denial of Service if given through the system.

OUT-FN-04. The system shall allow the user to see remaining time until they lose their internet access.

2.Admin/server

PROC-NF-01. The system shall have a history of all phone numbers.

PROC -FN-01. The system shall allow the administrator to edit Terms of Use.

PROC -FN-02. The system shall allow the administrator to set a default internet usage time length.

IN-FN-04. The system shall allow the administrator to give a denial of service(internet access on the router).

OUT-FN-05. The system shall display reason for denial of service.

IN-FN-05. The system shall allow the administrator to set individual users internet usage time.

PROC-FN-03. The system shall allow the administrator to manage user access.

PROC-FN-04. The system shall allow the administrator to set up web request forwarding control.

IN-FN-06. The system shall allow the administrator to set administrator accepted IP addresses/phone number in initial configuration

IN-FN-07. The system shall allow the administrator to add or remove administrator devices.

IN-FN-08. The system shall allow the administrator to block individual phone numbers from internet usage.

PROC-NF-03. The system shall have a white list of users that is managed by the administrator.

PROC-NF-04. The system shall have a black list of websites.

IN-FN-09. The system shall allow the administrator to modify the white list of users.

IN-FN-10. The system shall allow the administrator to modify the black list of websites.

3.Phone/Texting APP

IN-FN-11. The system shall be able to receive text messages.

OUT-FN-06. The system shall be able to send text messages.

PROC-NF-05. The system shall store texting history with a phone number.

PROC-FN-05. The system shall able to receive access requests.

PROC-FN-06. The system shall approve/deny access requests to specified router.

PROC-FN-07. The system shall be capable of modifying user privileges as the administrator is capable of.

PROC-FN-08. The system shall automatically approve usage for a user.

PROC-FN-09. The system shall be capable of setting automatic approve time.

PROC-FN-10. The system shall be able to set the default Gateway that this device communicates with.

PROC-FN-11. The system shall be able to manage a multiple networks.

PROC-FN-12. The system shall store an automatic accept history.

PROC-NF-06. The system shall allow for a change in acceptance after an automatic accept.

OUT-NF-06. The system shall send an automatic accept toast notification.

4.Server

PROC-NF-07. The system shall hold data about usage and approved users.

PROC-NF-08. The system shall hold white and black list.

PROC-FN-12. The system shall mange message communication.

PROC-FN-13. The system shall validate the phone number.

Terms

Device- anything with an internet browser

Denial of Service- reason usage of internet was denied

Black list- list of items that cannot be accessed\cannot have access

White list – items on this list are the only items with access\that can be accessed