System and Unit Test Report

Project Quiet Place

Team The 5 Quieteers

12/2/2019

A. Sprint 1 User Story 1: As a user, I want to be notified when I am being too loud so that I don't disturb anyone

B. Sprint 1 User Story 2: As a user, I want to be able to set my volume threshold so that I can be quieter in certain cases.

C. Sprint 2 User Story 1: As a user, I want to see how loud I am so that I can put the decibel values into perspective.

D. Sprint 2 User Story 2: As a user, I want to be able to preset daily schedules for the volume level thresholds so that I don't have to set them before every activity.

E. Sprint 3 User Story 1: As a user, I want to be able to set a volume threshold for everyone in the group so that the house volume level is synchronized.

F. Sprint 4 User Story 1: As a user, I want to see who is in my group.

G. Sprint 4 User Story 2: As a user, I want to be able to let my housemate know anonymously that they are being too loud so that I don't have to confront them about it.

Sprint 1:

1. Start QuietPlace app

2. User should see home screen

3. Slide the slider at the bottom to select the desired noise level.

4. User should receive a notification if noise level received by app exceeds set noise level.

Sprint 2:

1. User should see the volume level that is set right above the slider

2. The speedometer chart near the top displays current received noise level visually and in text.

3. To set daily schedules for the noise level, press "Settings" on the bottom navigation bar.

4. User should see a page labeled "Settings" with 8 dropdown menus

   a. Select the Hour dropdown

   b. Choose or scroll until you can see the desired hour to start. Press the time. This is the hour that the time scheduling will begin at.

   c. Then choose a Minute following the same logic.

   d. Then choose whether you would like this time to be AM or PM

   e. Select a dB Level to be used after this time, until the next time specified.

   f. Repeat for the next row of Hour/Minute/AMPM/dB level.

   g. User should see selected value in place of the label for each dropdown

   h. Press "Main" in the bottom navigation bar to go back home

      i. If all fields have been chosen, user set noise level will be displayed above the slider.

Sprint 3:

1. Press "User" on the bottom navigation bar.

2. If you are already logged in:

   a. User should see the screen labeled "Welcome" and your email

   b. and would like to sign out, press "Sign Out"

      i. You will be redirected home

3. If you are not already logged in:

   a. User should see the screen labeled "Welcome" and your email

   b. press "Login"

   c. User should see a screen labeled "Login"

4. If you already have an account,

   a. If you would like to go back, press "Return to home"

      i. You will be redirected home

   b. Enter email used for your account

      i. Email: <youremail>@email.com

      ii. Password: <password>

   c. Press "Login"

      i. You should be redirected back to Home

5. If you do not have an account yet

   a. press "New User? Create an Account"

   b. If you would like to go back, press "Return to home"

      i. You will be redirected home

c. Enter email used for your account

    i. Email: <youremail>@email.com

    ii. Password: <password>

d. Press "Signup"

    i. You should be redirected back to Home

e. If you realize you would like to sign into an existing account, press "Already have an account? Login"

Sprint 4:

1. To view group, press "User" from bottom navigation bar.

2. If you are not already in a group, you will see the button "Create or Join a Group"

    a. User should see a screen labeled "Create or Join a Quiet Group"

    b. If you would like to go back, press "Return to home"

        i. You will be redirected home

    c. Enter a group ID to join

        i. Group ID: <someGroupName>

    d. If you would like to create a new group with this name, press "Create Group"

        i. You will be redirected to the Group Page

    e. If you would like to join an existing group with this name, press "Join Group"

        i. You will be redirected to the Group Page

3. If you are already in a group, you will see the button "View Group", press "View Group"

    a. This will take you to the Group Page

4. Once on the group page:

    a. User should see a screen labeled "<nameOfGroup> Group"

b. If you would like to go back, press "Return to home"

    i. You will be redirected home

c. To change the group noise level, slide the slider near the top. This value will be reflected among all group members. Selected noise level is displayed above the slider.

d. Select a group members name if they are being too loud and you would like to send them an anonymous notification ping.

    i. You will be asked to confirm the ping press "YES" or "NO"

    ii. You will be alerted that the user has been pinged, press "OK"

e. If you would like to leave the group you are currently in, press "Leave Group"

    i. You will be redirected to Main