Smarter Hub

Stage 6: Evaluation results

Made by:

49544, Nuno Morais
47592, Marta Carlos
47651, Leonardo Correia
47554, Jorge Alves

Lab class Nº P1

Professor:
Teresa Romão

December 4, 2018

Problems

1. "Hard to understand how to return to the Home view"

When using the prototype ourselves post-delivery, we noticed that the "X" in the top-right corner might not be the best implementation of a "go back" button, we believe that the positioning of this element should be changed to outside of the usable area (e.g. top left corner).

We also agree that an arrow might be a more intuitive icon when a user wants to perform a "go back" action. In relation to the statement "the X on top relates to deleting or erasing something... ", we disagree since an X is mostly used (for example in operating systems like Windows) as a "close window" action.

2. "Option to add already existing floor, or a floor without one beneath it"

In regard to adding an already existing floor, we have an error message upon confirming the "add floor" dialog. We could, however, restrict the number selection to non-existing floor numbers (or display an error message earlier in the "adding floor" action dialog).

Secondly, the proposed solution forces the user to configure the house in a specific order, this forces the need to create an intermediary floor in case the user only wants to control the appliances in two non-connected floors (e.g. a basement and the 1st floor).

3. "Register button missing or out of screen bounds"

We cannot reproduce the presented error in our computers (which meet the specified requirements in stage 4). Both the form and page are scrollable when the dialog is showing.

More so, the presented image is cropped, and we cannot see the problem first-hand.

4. "Values are being overlapped with dials"

We agree, our proposed solution is making the dialog larger.

5. "Input boxes are sticking out"

We agree, this is a problem in the computers of half of our group. We played the odds (and lost :D), our proposed solution is making the input box width responsive.

6. "Not being able to remove a floor"

This feature was one of our objectives, but due to time constraints, we considered it was a minor priority overall.

7. "Not being able to remove a division"

Same as above.

Improvements to be made

1. Microwave timer displays in Celsius
2. Resizing of rooms is missing
3. Improve snapping feature
4. Display adjacent rooms when a room is expanded
5. Improve mobile version

Changes made

Unfortunately, due to time constraints we will not be implementing the proposed changes.