



NOVA SCHOOL OF
SCIENCE & TECHNOLOGY

Interação Pessoa-Máquina

2022/2023

Jacked Up

Stage 5: Heuristic Evaluation



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Nº	Problem	Heuristic	Description	Severity	Solution	Image
1	Light sliders inconsistency	Match the real world	Light intensity should be at 0% when entering the screen and when the light is turned off.	2	Light intensity should be 0% when turned off and entering.	Figure 1
2	Order of favorite accessories	Consistency and Standards	In the main menu the favorite accessories are randomly ordered. This induces wasted time for the user to find a wanted accessory.	1	Icons should be ordered by type, to reduce the amount of time it takes for the user to find the respective accessory.	Figure 5
3	Kitchen screen similar to home screen	Consistency and Standards	The kitchen and home layout are the exact same. However, the kitchen corresponds to a specific division of the house and the home page is general.	1.5	The main page and the specific divisions should have different layouts from each other.	Figure 6
4	Circular slider to change oven temperature	Error prevention	To change the temperature the user has to make a hard and unconventional motion with touch controls that may induce user error.	3	Bigger temperature step, for example 10°C and a slider range from 100°C to 250°C. Another alternative should be a text input where the user types the temperature they want.	Figure 3
5	Thermostat color	Aesthetic and Minimalist Design	Thermostat color is purple from 15°C to 20°C.	1	The transition color, from 5°C to 20°C, should be yellow.	Figure 2
6	Scrolls when deciding duration times	User control and Freedom	The scroll to change the duration time of some task (ex: oven duration) have a minimum step between minutes (ex: 1 min).	3	There should be a text input alongside the scrolls or without the scroll so that the user can quickly change the duration time.	Figure 4

7	Impossibility to add a new house division	User control and Freedom	We are not able to add a new house division in the app.	4	There should be a button that lets the user add a division of the house or a new smart device.	
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Date of project reception: 28/11/2022

Date of heuristic report delivery: 04/11/2022

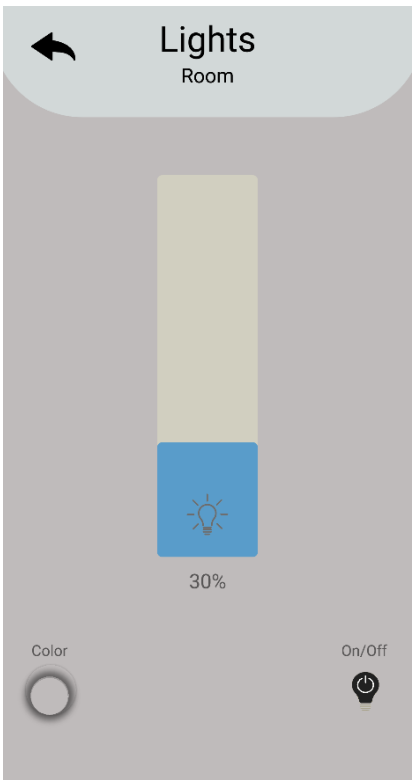


Figure 1

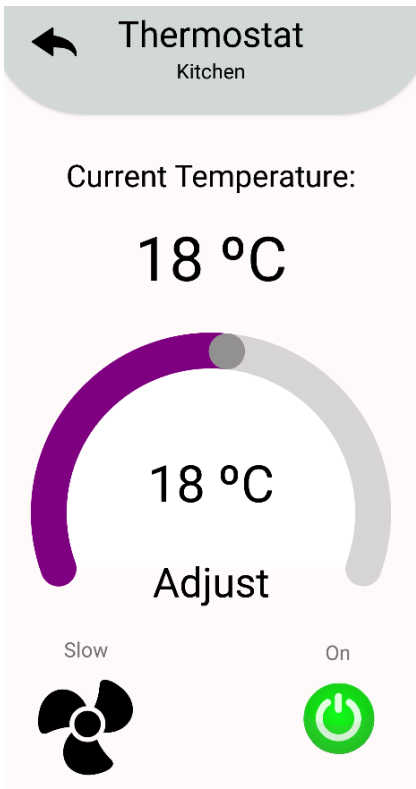


Figure 2

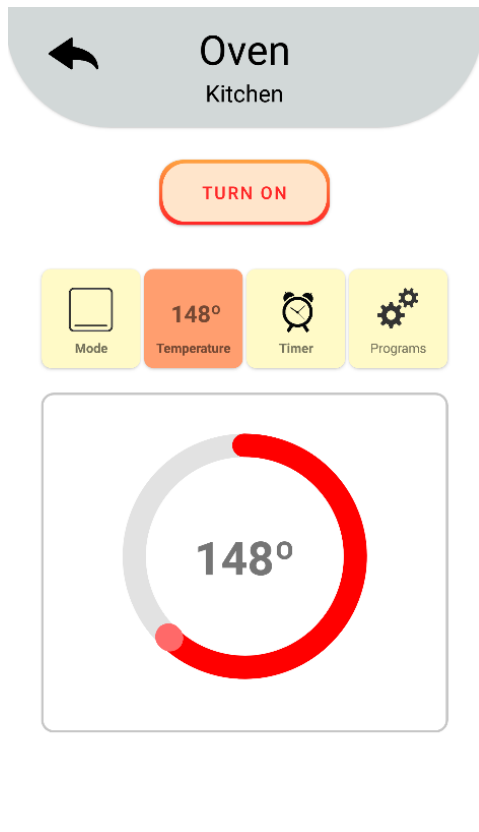


Figure 3

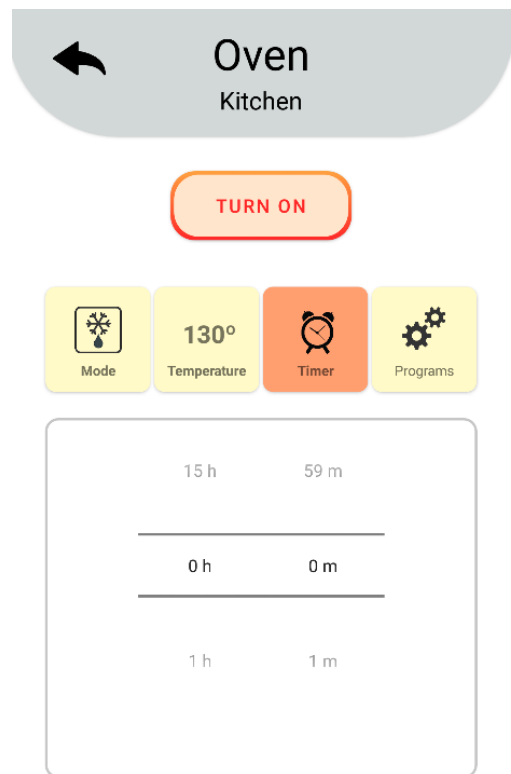


Figure 4

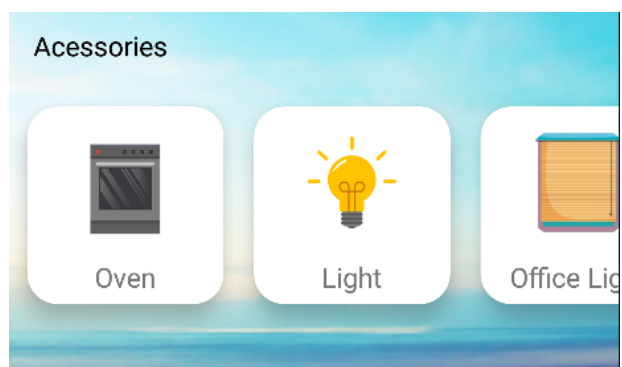


Figure 5

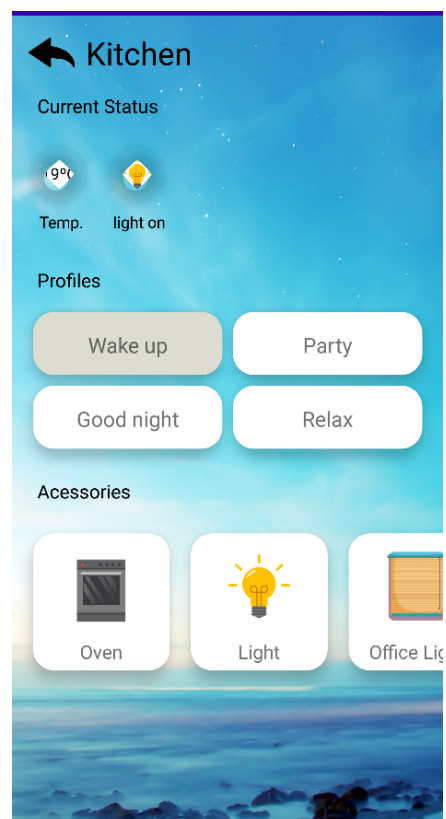


Figure 6