

Interação Pessoa-Máquina

2024/2025

Heuristic Report Results

Stage 6

Authors:

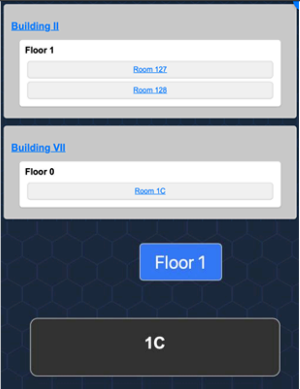

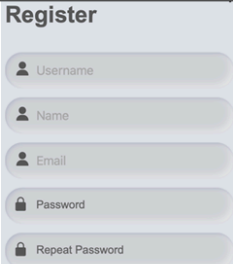
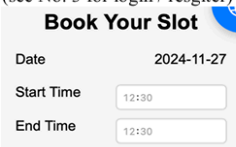
41988, Miguel Peixoto
59208, Simão Carrasco
71903, Tiago Neutel



(Group 22)

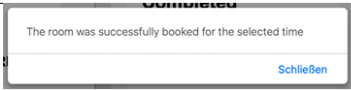
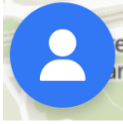

Professor:
Teresa Romão


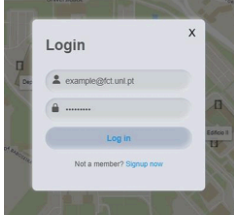

5th of December 2024

This was the provided Heuristic Evaluation:

No.	Problem	Heuristic	Description	Severity	Solution	Screenshot
1	Room list items styled differently in the filter and building views	Consistency	The room list items represent the same thing, but don't look the same	Cosmetic	Use the same layout and design for both pages	
2	Similar buttons on account page for very different actions	Consistency	The back button, navigation buttons for the page itself, and the logout button look the same → Navigation difficult to use	Major	Position the logout button differently, make its color consistent with other pages, and use the same back button as on other pages	Account Page 
3	Icons for multiple form inputs are the same	Consistency, Aesthetic	Username, name and email have the same icon, which negates the benefit of having an icon and makes it impossible to identify the fields after typing	Minor	Choose different icons for username, name and email (obvious one would be an envelope for email)	Register 
4	Form input design is inconsistent	Consistency, Aesthetic	Login / Register form inputs use different style compared to the other inputs	Cosmetic	Use the same styling for all form inputs	(see No. 3 for login / register) Book Your Slot 

5	No way to undo / remove wrong reservations	Error Prevention	Reservations are not removable once made	Catastrophic		<div>Reservations for the selected date:</div> <div><div>Start Time</div><div>End Time</div></div> <div><div>12:00</div><div>13:00</div></div>
6	Shadow color is inconsistent	Aesthetic	Login / register have white shadow, elsewhere black	Cosmetic	Use black shadow color for everything	<div><div>NOVA FCT ROOM SCHEDULER</div><div><div>Login</div><div></div></div></div>
7	Background graphics are inconsistent	Aesthetic	Profile has white background, everything else a patterned dark background	Cosmetic	Use same or no background pattern everywhere	<div><div>Account Page</div><div>Select an option from the sidebar</div><div><div>About User</div><div>Reservations</div><div>Back</div><div>Logout</div></div></div> <div><div></div><div>Filter Results</div><div><div>Building II</div><div>Floor 1</div><div>Room 127</div><div>Room 128</div></div></div>
8	Heading Font is inconsistent	Aesthetic	Most pages use a different font family, size and background styling for the heading → It is not easy enough to immediately recognize the heading	Minor	Use consistent heading font	<div><div>Account Page</div><div>Select an option from the sidebar</div><div><div>About User</div><div>Reservations</div></div></div> <div><div>NOVA FCT ROOM SCHEDULER</div><div>Filter Results</div><div><div>Building II</div><div>Building: II</div></div></div>
9	Filter doesn't behave as expected	Real world conventions	The filter is actually an advanced search (button to apply filter also says search), instead of filtering elements that are shown (leads to completely separate page from the map)	Minor	Relabel the filters advanced search and use a different icon	<div>Filters</div> <div>Room Capacity:</div> <div><div>Enter capacity</div><div><div><input type="checkbox"/> Wheelchair Accessible</div><div><input type="checkbox"/> Audio System</div></div><div>Search</div></div>

10	Reservations do not show without re selecting day	Visibility of system state	Adding a reservations leads to a popup but doesn't show the reservation before re-selecting the day	Major	Make the reservation list reactive to changes in the room bookings	 <p>Completed Reservations</p> <p>No reservations for the selected date</p>
11	Login state is not obvious	Visibility of system state	Profile button looks the same when logged out and logged in and there is also no other indication without clicking on the button and opening the profile page	Major	When logged in, show the username and / or profile picture instead of the generic profile button	
12	Placeholders in booking time seem like they can be kept but it doesn't work	??	Default value (12:30) seems like it can be kept in the input when it (by chance) matches the desired input	Minor	Use a more generic but still helpful placeholder like hh:mm instead	<p>Start Time</p> <input type="text" value="12:30"/>
13	Globe button doesn't have an obvious use	Real world conventions	The globe button doesn't have an obvious use in this context.	Minor / Major depending on what functionality	Use a different icon (because we do not know what it is meant to do, it is not possible to	

				should be associated	suggest any better icon for this button for us)	
14	Logout warning is not always shown and not cancellable	Error Prevention / Consistency	There is a popup to confirm that you will be logged out, but only on profile page, and it is not cancelable	Minor	Show it never or always, and add a cancel button if you decide it needs confirmation	
15	Login form button does nothing	Visibility of System Status	After filling the login form and pressing the button, nothing happens, and the window remains open	Major / Minor considering no backend implemented	Show an error or success message, or display some kind of spinner	
16	User's reservation list isn't updated	Match between System and the Real World	After making a reservation for a room, it doesn't show on the user's reservation list.	Major	The system should reflect the user's action in a way they expect, such as updating the reservation list immediately after adding a booking.	

N.	Problem	Resolution
1	Room list items styled differently in the filter and building views	Problem fixed as suggested in solution.
2	Similar buttons on account page for very different actions	Problem fixed as suggested in solution.
3	Icons for multiple form inputs are the same	Problem fixed as suggested in solution.
4	Form input design is inconsistent	The form input was designed differently with the purpose of suggesting to the user the completely different functionalities of the Login/Register form and Room Reservation form. Since these serve very different purposes it makes sense for their design to be different, but to conserve the style.
5	No way to undo / remove wrong reservations	Problem fixed as suggested in solution.
6	Shadow color is inconsistent	Attempted to fix the problem, but could not resolve it.
7	Background graphics are inconsistent	The theme of the dark blue background, and smaller white background behind various images and text is repeated on other pages in the platform. Furthermore, as discussed in the theoretical classes the color blue isn't recommended in the background when readability is of utmost importance
8	Heading Font is inconsistent	Problem fixed.
9	Filter doesn't behave as expected	When the tab to search for rooms is opened the title now has the text "Advanced Search", instead of "Filters" . We believe the icon depicting a filter is the best option, as we couldn't find a better alternative.
10	Reservations do not show without re selecting day	Problem fixed.
11	Login state is not obvious	After a user logs in, the icon on the top right now has the username, instead of the generic user icon.
12	Placeholders in booking time seem like they can be kept but it doesn't work	The current solution is working. The user can click on the clock and a dropdown appears.

13	Globe button doesn't work	Now it works, it allows the user to change the language of the app from English to Portuguese or vice versa.
14	Logout warning is not always shown and not cancellable	Problem fixed.
15	Login form button does nothing	Problem fixed.
16	User's reservation list isn't updated	Problem fixed.
17	No email formatting validation when creating an account	Problem fixed.

Additional Features to combat some problems

New links on each page, that redirect to a help page, with some FAQ.

The markers that are left on the map after performing the location search of a room can now be removed by clicking the search icon once again, instead of always remaining on the map.

Additionally, the user can now cancel his own reservations if they are in the future.