

TEST CASES

Pre-steps for the following
the test cases:

1. Access the [website](#)

| ID | TITLE | STEPS | DATA | EXPECTED OUTCOME | RESULT |
|----|---|---|--|--|--------|
| #1 | Search for a valid place to rent | 2. Choose the rent option 3. Type in the city in the City field 4. Type in the neighborhood in the Neighborhood field 5. Click the search button | city = Porto Alegre neighborhood = Centro Histórico | User must be presented with a list of houses to rent in the specified location. | |
| #2 | Search for a invalid place to rent (inexistent place) | 2. Choose the rent option 3. Type in the city in the City field 4. Type in the neighborhood in the Neighborhood field 5. Click the search button | city = Porto Alegre neighborhood = Fake Place | System must recognize the city but not the neighborhood and keep this field empty. The search result will show places from the specified city. | |
| #3 | Search for a valid place to rent (numeric data) | 2. Choose the rent option 3. Type in the city in the City field 4. Type in the neighborhood in the Neighborhood field 5. Click the search button | city = 123 neighborhood = 321 | System must not recognize this city and neighborhood. The result will show places from Sao Paulo. The fields must be kept empty. | |
| #4 | Search for a valid place to rent (empty data) | 2. Choose the rent option 3. Type in the city in the City field 4. Type in the neighborhood in the Neighborhood field 5. Click the search button | city = neighborhood = | System must not recognize this city and neighborhood. The result will show places from Sao Paulo. The fields must be kept empty. | |

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| Pre-steps for the following test cases: | <ol style="list-style-type: none"> 1. Access the website 2. Type in Porto Alegre in the City field 3. Click the search button |
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| #5 | Numeric filter (default data) | <ol style="list-style-type: none"> 4. Click the filter button 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the Minimum area size field 8. Insert maximumArea in the Maximum area size field | minimumValue = 500 maximumValue = 20.000 minimumArea = 20 maximumArea = 1.000 | Users must be presented with a updated list of places to rent | |
| #6 | Numeric filter (minimum values +1) | <ol style="list-style-type: none"> 4. Click the filter button 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the Minimum area size field 8. Insert maximumArea in the Maximum area size field | minimumValue = 501 maximumValue = 20.000 minimumArea = 21 maximumArea = 1.000 | System must adjust the numeric bar representing the data and users must be presented with a updated list of places to rent | |
| #7 | Numeric filter (minimum values - 1) | <ol style="list-style-type: none"> 4. Click the filter option 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the Minimum area size field 8. Insert maximumArea in the Maximum area size field | minimumValue = 499 maximumValue = 20.000 minimumArea = 19 maximumArea = 1.000 | System must ignore the incorrect data (less than the expected) and do the search with the lowest value possible (in this case 500 for price and 20 for area) | |
| #8 | Numeric filter (maximum values + 1) | <ol style="list-style-type: none"> 4. Click the filter option 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the | minimumValue = 500 maximumValue = 20.001 minimumArea = 20 maximumArea = 1.001 | System must ignore the incorrect data and do the search with the | |

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| | | 8. Minimum area size field Insert maximumArea in the Maximum area size field | | highest maximum value possible | |
| #9 | Numeric filter (maximum values - 1) | 4. Click the filter option 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the Minimum area size field 8. Insert maximumArea in the Maximum area size field | minimumValue = 500 maximumValue = 19.999 minimumArea = 20 maximumArea = 999 | System must adjust the numeric bar representing the data and users must be presented with a updated list of places to rent | |
| #10 | Numeric filter (string data) | 4. Click the filter option 5. Insert minimumValue in the Minimum price field 6. Insert maximumValue in the Maximum price field 7. Insert minimumArea in the Minimum area size field 8. Insert maximumArea in the Maximum area size field | minimumValue = five hundred maximumValue = twenty thousand minimumArea = twenty maximumArea = one thousand | System must ignore alphabetic data | |

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| Pre-steps for the following the test case: | 1. Access the website 2. Type in Porto Alegre in the City field 3. Click the search button 4. Select a random house |
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| #11 | Valid numeric filter | 5. Verify the content of the page 6. Click the button Schedule visit 7. Select a random date 8. Select a random time 9. Click the continue button | No data | Users must see the confirmation of the visit on the page | |
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| | | 10. Review the information 11. Schedule visit | | | |
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Contrast Checker

I used the WAVE contrast checker to test the colors used on the website and there could be some improvement regarding the gray values. At the top of the page (<https://imgur.com/dAGzCwk>), for example, there are two buttons, the first one represents the option for renting houses and the second one for buying houses. The second button, by default, is not pressed and there is very low contrast between the text and background.

The low contrast may cause a user experience problem. For example, to some users the buy button (see *link above*) may be interpreted as an option that is not available because of the color used. To users that are in a hurry or multitasking, the button may not even be identified and therefore the user would not find a way to interact with the website using that option.

The same issue is also present in the result's page and house description page where some texts present low contrast, making it difficult to read the information presented on the page.