

# Test automation assignment

Write UI automated tests for the following test scenarios. You can use the programming language and tools that you prefer.

The purpose of writing these tests is to show your automation craftsmanship. Try to come up with solid solutions and present something that you are proud of. You can take the time you need, it's not about speed of execution or cutting corners, it's about the quality of the work.

## Test 1: Verify that the results match the search criteria

Open [www.airbnb.com](https://www.airbnb.com).

Select Rome, Italy as a location.

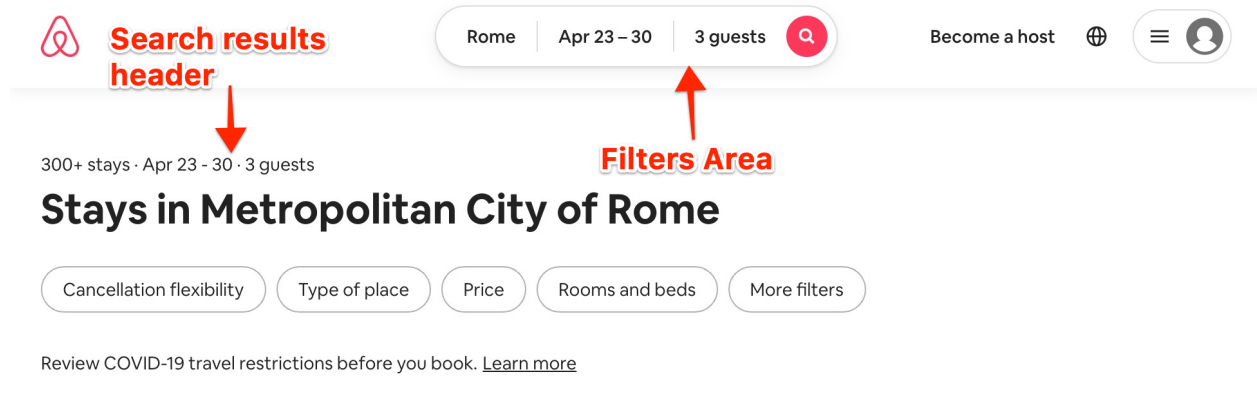
Pick a Check-In date one week after the current date.

Pick a Check-Out date one week after the Check-In date.

Select the number of guests as 2 adults and 1 child.

Search for properties.

Verify that the applied filters are correct (in the filters area and search results header).



Verify that the properties displayed on the first page can accommodate at least the selected number of guests.

## Test 2: Verify that the results and details page match the extra filters

Search for properties that match the same filters as the first test.

Click More filters.

Select the number of bedrooms as 5.  
Select Pool from the Facilities section.

×More filters

### Rooms and beds

Beds

−

0

+

Bedrooms

−

5

+

Bathrooms

−

0

+

### Verified places

Airbnb Plus

A selection of places to stay verified for quality and design

☐

Airbnb Luxe

Handpicked luxury homes with personally arranged services

☐

Traveling for work?

Explore homes and boutique hotels with 5 star-ratings from business travelers

☐

[Clear all](#)

Show 173 stays

Click Show Stays.

Verify that the properties displayed on the first page have at least the number of selected bedrooms.

Open the details of the first property.

Check that in the 'Pool' option is displayed in the 'Amenities' popup under the 'Facilities' category.

X

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## Parking and facilities

Pool

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## Services

Long term stays allowed  
Allow stay for 28 days or more

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## Not included

Air conditioning

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~~Carbon monoxide alarm~~

This place may not have a carbon monoxide detector. Reach out to the host with any questions.

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Essentials

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Hair dryer

### Test 3: Verify that a property is displayed on the map correctly

Search for properties that match the same filters as the first test.

Hover over the first property in the results list.

Check that the property is displayed on the map and the color of the pin changes (upon hover).

The screenshot shows the Airbnb search results for 'Stays in Metropolitan City of Rome' for the dates 'Apr 23 - 30' and '3 guests'. The search bar at the top shows 'Rome', 'Apr 23 - 30', and '3 guests'. The results list on the left shows two properties: 'Villa Cici (ROP110) for 14 persons.' and 'Villa Castelli Romani'. The map on the right shows the location of these properties. A red arrow points from the first property in the results list to a pin on the map. The pin is labeled 'lei 594 / night' and 'lei 4,153 total'. The map also shows other properties with their respective prices, such as 'lei 1,907', 'lei 1,211', 'lei 2,085', 'lei 2,018', 'lei 854', 'lei 2,096', 'lei 1,815', 'lei 1,677', 'lei 1,352', 'lei 1,000', 'lei 648', and 'lei 501'.

After identifying the property on the map, click it.

Verify that the details shown in the map popup are the same as the ones shown in the search results.

This screenshot is similar to the previous one, but with a map popup open. The popup shows the details for the property 'Villa Cici (ROP110) for 14 persons.', which is the first property in the results list. The popup displays the property's name, location, and price: 'lei 594 / night' and 'lei 4,153 total'. The map also shows other properties with their respective prices, such as 'lei 1,907', 'lei 1,211', 'lei 2,085', 'lei 2,018', 'lei 854', 'lei 2,096', 'lei 1,815', 'lei 1,677', 'lei 1,352', 'lei 1,000', 'lei 648', and 'lei 501'.