

# Airbnb Website Test Automation Project

USING SELENIUM | JAVA | CUCUMBER | MAVEN |  
TESTNG | POM | ALLURE REPORTS

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# Introduction

1

This project automates key Airbnb website workflows using Selenium, Java, and Cucumber BDD.

2

The goal is to ensure smooth and reliable user experiences across search and filter features.

3

A scalable test automation framework is built using Maven, and Allure for reporting.

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# Why Automate Airbnb?

- Highly dynamic UI & popular travel platform
- Helps validate critical business flows used by millions
- Ideal for learning modern automation patterns

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# Tools & Technologies Used

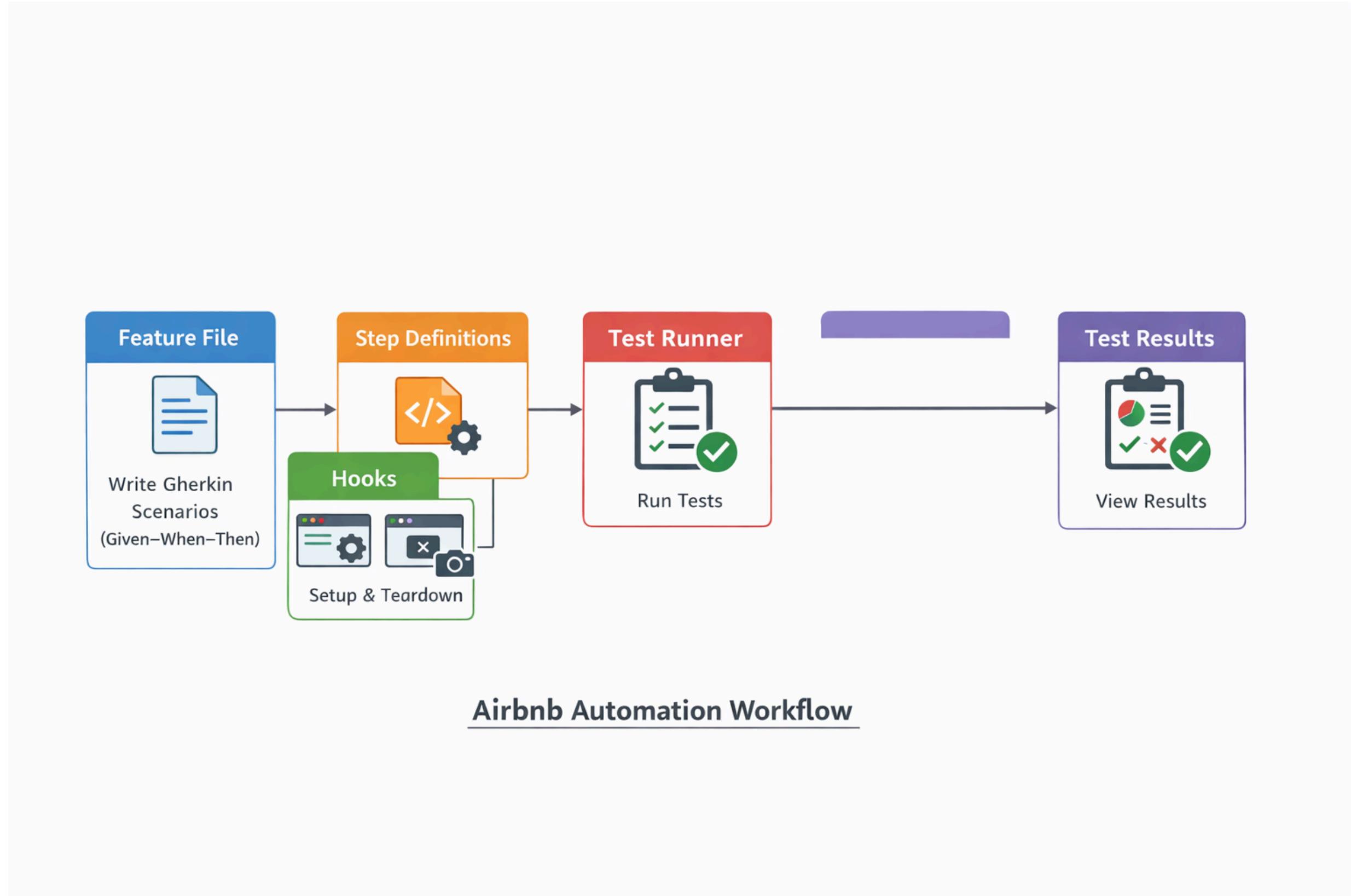
Selenium  
WebDriver

Java

Cucumber BDD

TestNG

Maven



# Challenges

Dynamic & Changing UI  
Elements

Handling Pop-ups &  
Cookies

Date Picker Complexity

# Project Output

S Airbnbs | Holiday rentals, cabins X +

← → C H airbnb.co.in/?locale=en&\_set\_bev\_on\_new\_domain=1771047542\_EAOGZkZDVmYjBkMT&set\_everest\_cookie\_on\_new\_domain=1771047542.EAZTQ5NTQ4OTU5ZjAyMj.L... ☆ ⓘ ⋮

Chrome is being controlled by automated test software X

airbnb

Homes Experiences Services Become a host

Where New York City, New York, United States When Add dates Who Add guests Search

Popular homes in Gurugram

Dates Months Flexible

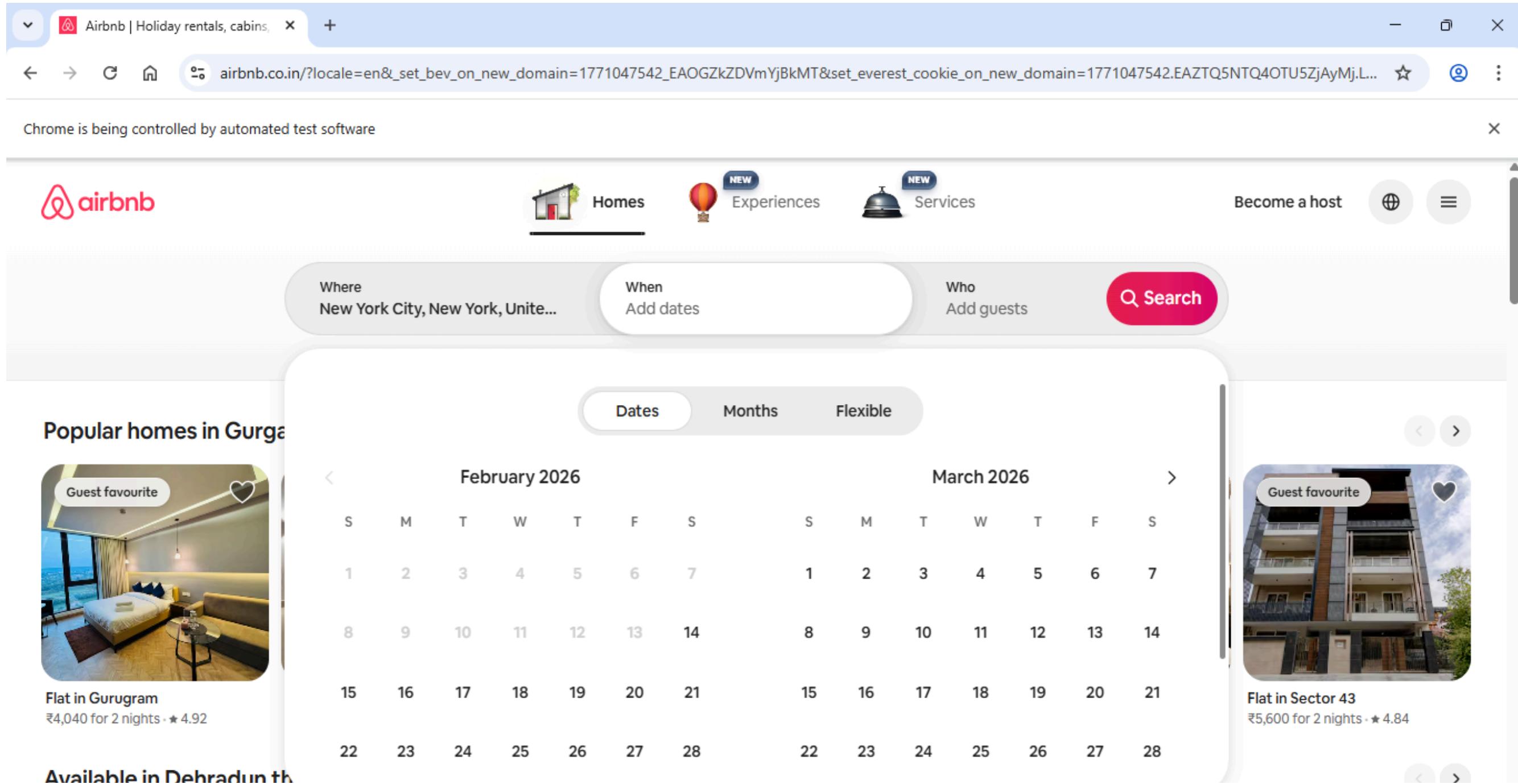
February 2026 March 2026

S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28

Flat in Gurugram ₹4,040 for 2 nights • 4.92

Flat in Sector 43 ₹5,600 for 2 nights • 4.84

Available in Dehradun this month



# Allure Report

The screenshot shows an Allure Report dashboard with the following details:

- ALLURE REPORT**  
2/13/2026  
23:51:14 - 23:51:44 (30s 001ms)
- TREND**: There is nothing to show.
- SUITES**: 1 item total.
  - Airbnb Search Feature: 1
- ENVIRONMENT**: There are no environment variables.
- FEATURES BY STORIES**: 1 item total.
  - Airbnb Search Feature: 1
- CATEGORIES**: 0 items total.
- EXECUTORS**: There is no information about tests executors.

The left sidebar includes navigation links: Overview, Categories, Suites, Graphs, Timeline, Behaviors, Packages, and Collapse. A language switcher (En) is also present.

**Thank You**