

# TS\_Weather\_AirPollution\_JakartaSelatan

## Execution Environment

Host name            march - Marchellya  
Local OS            Windows 11 64bit  
Katalon version    10.1.0.223  
Browser  
Device name

## Summary

ID                    Test Suites/TS\_Weather\_AirPollution\_JakartaSelatan  
Description  
  
Total                3  
Passed              3                    Failed                0  
Error                0                    Incomplete          0  
Skipped             0  
  
Start                18-02-2025 16:27:25                    End                    18-02-2025 16:27:36  
Elapsed             11.112s

#	ID	Description	Status
1	Test Cases/TC_Get_Weather_And_AirPollution_JakartaSelatan		PASSED
2	Test Cases/TC_Get_AirPollution_JakartaSelatan		PASSED
3	Test Cases/TC_Get_Weather_JakartaSelatan		PASSED

# TC\_Get\_Weather\_And\_AirPollution\_JakartaSelatan

## Information

ID	Test Cases/TC_Get_Weather_And_AirPollution_JakartaSelatan		
Description			
Tag			
Start	18-02-2025 16:27:25	End	18-02-2025 16:27:32
Elapsed	6.661s		
Status	PASSED		

## Details

#	Description	Elapsed	Status
1	println("[INFO] Running Weather Forecast Test")	0.009s	PASSED
2	weatherData = getWeatherForecast()	0.000s	PASSED
3	response = sendRequest(findTestObject("Object Repository/Get_Weather_JakartaSelatan"))  Send request successfully	3.452s	PASSED
4	verifyResponseStatusCode(response, 200)  Verify response status code successfully	0.022s	PASSED
5	delayRequest()	0.000s	PASSED
6	delayTime = 1100	0.000s	PASSED
7	Thread.sleep(delayTime)	1.159s	PASSED

## TC\_Get\_Weather\_And\_AirPollution\_JakartaSelatan

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#	Description	Elapsed	Status
8	return new groovy.json.JsonSlurper().parseText(response.getResponseBodyContent())	0.047s	PASSED
9	validateWeatherResponse(weatherData)	0.001s	PASSED
10	validKecamatan = ["kebayoran baru", "kebayoran lama", "pesanggrahan", "cilandak", "jagakarsa", "pasar minggu", "mampang prapatan", "tebet", "setiabudi"]	0.000s	PASSED
11	cityName = toLowerCase().trim()	0.014s	PASSED
12	println([DEBUG] City Name from API: '\$cityName')	0.001s	PASSED
13	println([DEBUG] Valid Kecamatan List: \$validKecamatan)	0.003s	PASSED
14	assert validKecamatan.contains(cityName)	0.014s	PASSED
15	assert list.size() > 0	0.005s	PASSED
16	assert temp instanceof java.lang.Number	0.009s	PASSED

## TC\_Get\_Weather\_And\_AirPollution\_JakartaSelatan

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#	Description	Elapsed	Status
17	assert pressure instanceof java.lang.Number	0.001s	PASSED
18	assert humidity instanceof java.lang.Number	0.005s	PASSED
19	assert main instanceof java.lang.String	0.002s	PASSED
20	assert description instanceof java.lang.String	0.001s	PASSED
21	println("[INFO] Running Air Pollution Test")	0.003s	PASSED
22	pollutionData = getAirPollution()	0.001s	PASSED
23	response = sendRequest(findTestObject("Object Repository/Get_AirPollution_JakartaSelatan"))  Send request successfully	0.328s	PASSED
24	verifyResponseStatusCode(response, 200)  Verify response status code successfully	0.000s	PASSED
25	delayRequest()	0.012s	PASSED

## TC\_Get\_Weather\_And\_AirPollution\_JakartaSelatan

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#	Description	Elapsed	Status
26	delayTime = 1100	0.000s	PASSED
27	Thread.sleep(delayTime)	1.103s	PASSED
28	return new groovy.json.JsonSlurper().parseText(response.getResponseBodyContent())	0.011s	PASSED
29	validateAirPollutionResponse(pollutionData)	0.005s	PASSED
30	assert lat >= -6.3 && lat <= -6.2	0.000s	PASSED
31	assert lon >= 106.75 && lon <= 106.85	0.016s	PASSED
32	assert co instanceof java.lang.Number	0.000s	PASSED
33	assert no2 instanceof java.lang.Number	0.005s	PASSED
34	assert pm10 instanceof java.lang.Number	0.000s	PASSED
35	assert pm2_5 instanceof java.lang.Number	0.000s	PASSED

## TC\_Get\_Weather\_And\_AirPollution\_JakartaSelatan

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#	Description	Elapsed	Status
36	println(" All tests passed successfully!")	0.000s	PASSED

# TC\_Get\_AirPollution\_JakartaSelatan

## Information

ID	Test Cases/TC_Get_AirPollution_JakartaSelatan		
Description			
Tag			
Start	18-02-2025 16:27:32	End	18-02-2025 16:27:33
Elapsed	1.459s		
Status	PASSED		

## Details

#	Description	Elapsed	Status
1	response = sendRequest(findTestObject("Object Repository/Get_AirPollution_JakartaSelatan"))  Send request successfully	0.296s	PASSED
2	verifyResponseStatusCode(response, 200)  Verify response status code successfully	0.009s	PASSED
3	Thread.sleep(1000)	1.011s	PASSED
4	jsonResponse = JsonSlurper().parseText(response.getResponseBodyContent())	0.000s	PASSED
5	println([DEBUG] API Response: \$response.getResponseBodyContent())	0.008s	PASSED
6	assert lat >= -6.3 && lat <= -6.2	0.003s	PASSED
7	assert lon >= 106.75 && lon <= 106.85	0.004s	PASSED

## TC\_Get\_AirPollution\_JakartaSelatan

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#	Description	Elapsed	Status
8	assert list.size() > 0 : "ERROR: No air pollution data found"	0.003s	PASSED
9	assert co instanceof java.lang.Number	0.007s	PASSED
10	assert no2 instanceof java.lang.Number	0.001s	PASSED
11	assert pm10 instanceof java.lang.Number	0.001s	PASSED
12	assert pm2_5 instanceof java.lang.Number	0.002s	PASSED
13	println("SUCCESS: Air Pollution API Test Passed!")	0.001s	PASSED



# TC\_Get\_Weather\_JakartaSelatan

## Information

ID	Test Cases/TC_Get_Weather_JakartaSelatan		
Description			
Tag			
Start	18-02-2025 16:27:33	End	18-02-2025 16:27:35
Elapsed	1.689s		
Status	PASSED		

## Details

#	Description	Elapsed	Status
1	<div>response = sendRequest(findTestObject("Object Repository/Get_Weather_JakartaSelatan"))</div> <div>Send request successfully</div>	0.482s	PASSED
2	<div>verifyResponseStatusCode(response, 200)</div> <div>Verify response status code successfully</div>	0.003s	PASSED
3	<div>Thread.sleep(1000)</div>	1.003s	PASSED
4	<div>jsonResponse = JsonSlurper().parseText(response.getResponseBodyContent())</div>	0.000s	PASSED
5	<div>println([DEBUG] API Response: \$response.getResponseBodyContent())</div>	0.019s	PASSED
6	<div>validAreas = ["Jakarta Selatan", "Jakarta", "Jagakarsa", "Pasar Minggu", "Kebayoran Baru", "Kebayoran Lama", "Pancoran", "Tebet", "Mampang Prapatan", "Cilandak", "Pesangrahan", "Setiabudi"]</div>	0.003s	PASSED

# TC\_Get\_Weather\_JakartaSelatan

#	Description	Elapsed	Status
7	assert validAreas.any({ java.lang.Object area -> ... })	0.017s	PASSED
8	assert lat >= -6.3 && lat <= -6.2	0.003s	PASSED
9	assert lon >= 106.75 && lon <= 106.85	0.001s	PASSED
10	assert list.size() > 0 : "ERROR: No weather data found"	0.001s	PASSED
11	assert temp instanceof java.lang.Number	0.002s	PASSED
12	assert pressure instanceof java.lang.Number	0.001s	PASSED
13	assert humidity instanceof java.lang.Number	0.001s	PASSED
14	assert main instanceof java.lang.String	0.001s	PASSED
15	assert description instanceof java.lang.String	0.001s	PASSED
16	println("SUCCESS: Weather API Test Passed!")	0.001s	PASSED