

Test Suit API Automation

Execution Environment

Host name	User - Rizki-Aditya-Laptop
Local OS	Windows 11 64bit
Katalon version	10.1.1.0
Browser	
Device name	

Summary

ID	Test Suites/Test Suit API Automation		
Description			
Total	1		
Passed	1	Failed	0
Error	0	Incomplete	0
Skipped	0		
Start	17-04-2025 12:56:08	End	17-04-2025 12:56:16
Elapsed	7.079s		

#	ID	Description	Status
1	Test Cases/Test Case Get Weather and Air Polution		PASSED

Test Case Get Weather and Air Polution

Information

ID	Test Cases/Test Case Get Weather and Air Polution		
Description			
Tag			
Start	17-04-2025 12:56:09	End	17-04-2025 12:56:15
Elapsed	6.542s		
Status	PASSED		

Details

#	Description	Elapsed	Status
1	geoResp = sendRequest(findTestObject("Object Repository/Get Weather Geocoding")) Send request successfully	5.073s	PASSED
2	verifyResponseStatusCode(geoResp, 200) Verify response status code successfully	0.025s	PASSED
3	geoJson = JsonSlurper().parseText(geoResp.getResponseText())	0.035s	PASSED
4	assert toLowerCase().contains("south jakarta")	0.029s	PASSED
5	lat = lat	0.003s	PASSED
6	lon = lon	0.000s	PASSED
7	logInfo(Latitude: \$lat) Latitude: -6.28381815	0.025s	PASSED

Test Case Get Weather and Air Polution

#	Description	Elapsed	Status
8	logInfo(Longitude: \$lon) Longitude: 106.80486324917382	0.002s	PASSED
9	geoJsonSchema = " <pre>{ \"\$schema\": \"http://json-schema.org/draft-07/schema#\", \"type\": \"array\", \"items\": { \"type\": \"object\", \"properties\": { \"name\": { \"type\": \"string\" }, \"local_names\": { \"type\": \"object\", \"properties\": { \"en\": { \"type\": \"string\" }, \"id\": { \"type\": \"string\" } }, \"required\": [\"en\", \"id\"] }, \"lat\": { \"type\": \"number\" }, \"lon\": { \"type\": \"number\" }, \"country\": { \"type\": \"string\" } }, \"required\": [\"name\", \"local_names\", \"lat\", \"lon\", \"country\"] } }</pre> "	0.001s	PASSED
10	validateJsonAgainstSchema(geoResp, geoJsonSchema) Validate with JSON Schema successfully	0.108s	PASSED
11	logInfo("Geocoding Validated") Geocoding Validated	0.003s	PASSED
12	weatherResp = sendRequest(findTestObject("Object Repository/Get Weather", ["lat":lat, "lon":lon, "API_KEY":API_KEY])) Send request successfully	0.428s	PASSED
13	verifyResponseStatusCode(weatherResp, 200) Verify response status code successfully	0.003s	PASSED

Test Case Get Weather and Air Polution

#	Description	Elapsed	Status
14	weatherJson = JsonSlurper().parseText(weatherResp.getResponseText())	0.005s	PASSED
15	assert country == "ID"	0.002s	PASSED
16	<pre>weatherJsonSchema = "{ \"\$schema\": \"http://json-schema.org/draft-07/schema#\", \"type\": \"object\", \"properties\": { \"city\": { \"type\": \"object\", \"properties\": { \"country\": { \"type\": \"string\" }, \"name\": { \"type\": \"string\" } }, \"required\": [\"country\", \"name\"] }, \"list\": { \"type\": \"array\", \"items\": { \"type\": \"object\", \"properties\": { \"main\": { \"type\": \"object\", \"properties\": { \"temp\": { \"type\": \"number\" }, \"pressure\": { \"type\": \"number\" } }, \"required\": [\"temp\", \"pressure\"] } } } } } }</pre>	0.001s	PASSED
17	validateJsonAgainstSchema(weatherResp, weatherJsonSchema)	0.017s	PASSED
Validate with JSON Schema successfully			

Test Case Get Weather and Air Polution

#	Description	Elapsed	Status
18	logInfo("Weather Forecast Validated") Weather Forecast Validated	0.001s	PASSED
19	airResp = sendRequest(findTestObject("Object Repository/Get Air Pollution", ["lat":lat, "lon":lon, "API_KEY":API_KEY])) Send request successfully	0.476s	PASSED
20	verifyResponseStatusCode(airResp, 200) Verify response status code successfully	0.002s	PASSED
21	airJson = JsonSlurper().parseText(airResp.getResponseText())	0.001s	PASSED
22	assert list.size() > 0	0.002s	PASSED
23	assert aqi != null	0.001s	PASSED

Test Case Get Weather and Air Polution

#	Description	Elapsed	Status
24	<pre>airPollutionJsonSchema = "{ \"\$schema\": \"http://json-schema.org/draft-07/schema#\", \"type\": \"object\", \"properties\": { \"list\": { \"type\": \"array\", \"items\": { \"type\": \"object\", \"properties\": { \"main\": { \"type\": \"object\", \"properties\": { \"aqi\": { \"type\": \"integer\" } }, \"required\": [\"aqi\"] } } } } } }"</pre>	0.000s	PASSED
25	<pre>validateJsonAgainstSchema(airResp, airPollutionJsonSchema)</pre> <p>Validate with JSON Schema successfully</p>	0.004s	PASSED
26	<pre>logInfo("Air Pollution Data Verified")</pre> <p>Air Pollution Data Verified</p>	0.001s	PASSED