Small Project 3

Monday 18/07/2022 API Testing SekolahQA

"API Testing of OrangeHRM Website"





http://qa.cilsy.id/symfony/web/index.php/auth/login

What is API Testing?

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API Testing is open-source web automation testing technique that is used for testing APIs for web applications. The purpose of API testing is to record the response of API by sending various HTTP/S requests to check if API is working fine or not. API testing is done by GET, POST, PUT and **DELETE** methods.



Requirement OrangeHRM Testing

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Requirement

This small project has the following requirements:

- Can access the OrangeHRM Website
- The scope to be tested: Admin, Attendance, 10 point Employee (including GET, POST, PUT, DELETED)
- The results of what has been tested.



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Software Testing API

POSTMAN

\In Scope

- CreateToken
- Admin
- Attendance
- **Employee**

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\In Scope

- ☐ CreateToken
- Admin
- Attendance

POST CreateToken

GET GetUsers

GET OrganizationInformation

∨ ☐ 02 Attendance

POST UserLogin

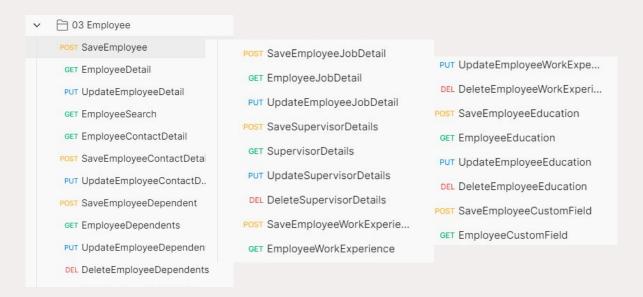
POST Punchin

POST PunchOut

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\In Scope

Employee



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\Addition

TC Negatif

POST PunchInNegatif

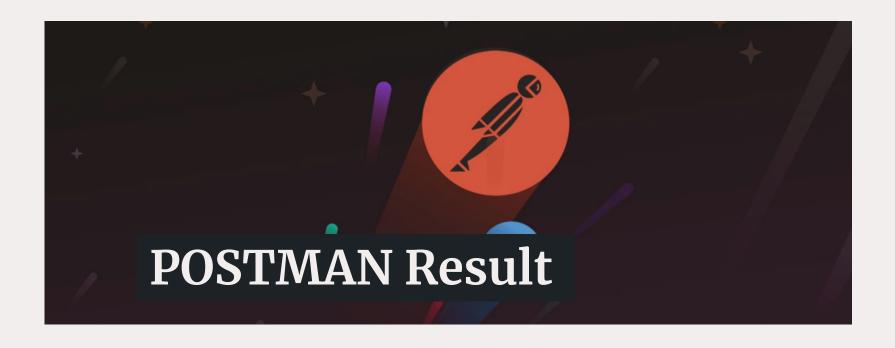
POST PunchOutNegatif

POST SaveEmployeeNegatif

DEL DeleteEmployeeDependent...

Result of API Testing

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Result of API Testing

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	executed	failed
iterations	1	0
requests	38	0
test-scripts	70	0
prerequest-scripts	39	0
assertions	67	0
total run duration: 8.6s		
total data received: 307.21kB (approx)		
average response time: 137ms [min: 50ms, max: 1904ms, s.d.: 299ms]		

Requests
request to an endpoint,
retrieve data from a data source, or test an API's functionality.

Prerequestscripts
a piece of code that will run before the execution of a request Test-scripts

Assertions
used to verify if
the actual and
expected values
have matched
after the
execution of a
test.

Thankyou!

Do you have any questions?