

Abstract geometric lines in the top left corner, consisting of several overlapping, tilted rectangles and polygons.

# PORTOFOLIO

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# INTRODUCTION

## My Self

An Informatics Engineering student who is interested in the Quality Assurance section and is currently studying. Has organizational experience in DPM to date and 6 months internship at Eduwork. Have knowledge of manual testing and designing tests scenarios. and I have knowledge about automate testing tools from work experience including postman's tool for fire testing, apache j meter to test the strength on the web, katalons studio for app & web testing which can test using real device set ups and clone projects to several platforms for work management

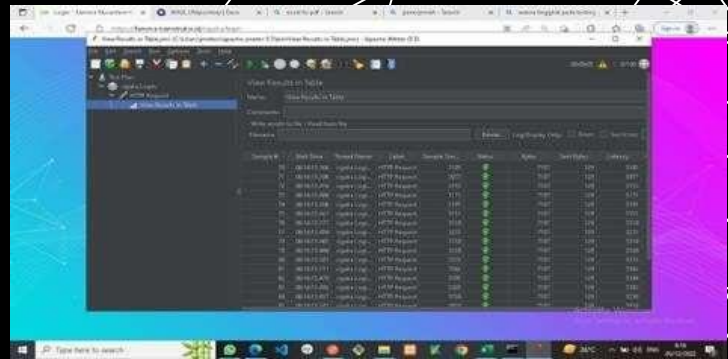
**Test Case:** Test cases are a collection of steps or instructions designed to test a software feature or function. Test cases are useful for ensuring that the software being tested can function correctly according to predetermined requirements. The main function of test cases is to evaluate software performance in various situations and conditions that may occur.

<b>Sauce Demo Manual Testing Standard User</b>						
As user login on website sauce demo with standard user with appropriate activities						
Severity	Priority	Behavior	Type			
I Critical	I High	Positive	Functional			
Low	Low Priority	Milestone	Automation			
\$25	No	-	Not automated			
Status						
Actual						
<b>Pre-conditions</b>						
The user has not yet entered the web page.						
<b>Post-conditions</b>						
The user successfully enters the web page and successfully performs a shopping transaction						
<b>Attachments</b>						
<p>The screenshot shows a 'Test Results' window from Sauce Labs. It lists one test case named 'Standard User Login'. The status is 'Failed' with a red icon. Below the status, it says 'Error Message: java.lang.AssertionError: expected [true] but found [false]'.</p>						
Source Path: /Users/...						
<b>Scenario</b>						
Given user navigate to url "https://www.saucedemo.com/" When user input username "standard_user" And user input password "secret_sauce" And user click button login When user clicks on the product to be selected Then the selected product is in the basket Then user clicks the check-out button Then user is checkout user information When user input first name And user input last name And user input postal code And user click button continue Then user is at page overview success shopping						

[illegible]

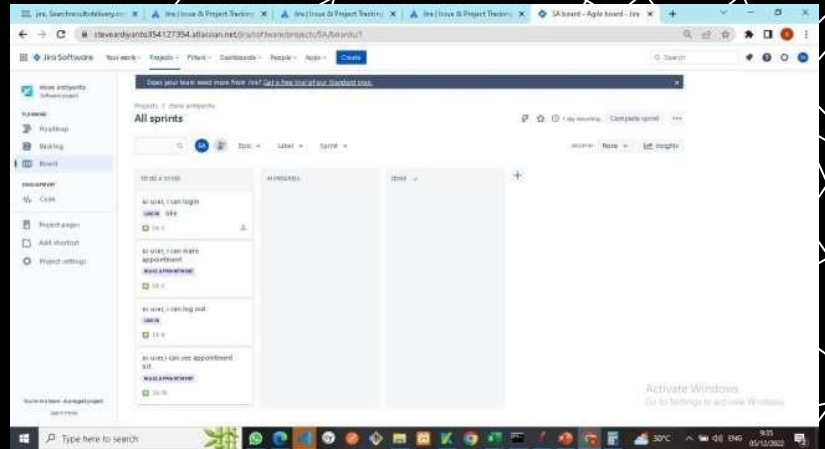
## WHY JMETERS IS USED AS A TESTING PERFORMANCE ON THE WEB

Meter can be run in 2 ways, with GUI or non-GUI (Command line). For beginners I recommend using the first method. Easy and without doing any particular scripting. Just make a Test Plan, fill in how many threads & samples will be tested, run and analyze the results / reports.



# WHY JIRA ATTLASIAN AS A MANAGEMENT TOOL

Jira digunakan untuk pelacakan masalah dan manajemen proyek oleh lebih dari 180.000 pelanggan di 190 negara. Beberapa organisasi yang telah menggunakan Jira di beberapa titik waktu untuk pelacakan bug dan manajemen proyek termasuk Fedora Commons, Hibernate, dan Apache Software Foundation, yang menggunakan Jira dan Bugzilla. Jira termasuk alat yang memungkinkan migrasi dari pesaing Bugzilla.



Testing Application  
Dummy

cypress is a framework for testing requirements based on projects that use the java scripts programming language which includes assertions that are used as reports.

Requirements for testing with Cyprees

Node.js



Step - Step installation of cypress  
cd /your/project/path→ npm install  
cypress --save-dev ->Succes

Open first time

- 1. ./node\_modules/.bin/cypress open
- Result

Added scripts to open the project

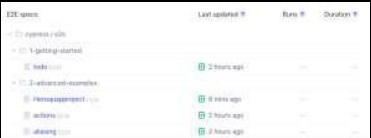
- 1. Add file .json

```
package.json > {} scripts
1  {
2    > Debug
3    "scripts": {
4      "cypress:open": "cypress open"
5    }
}
```

- 2. Click button play debug

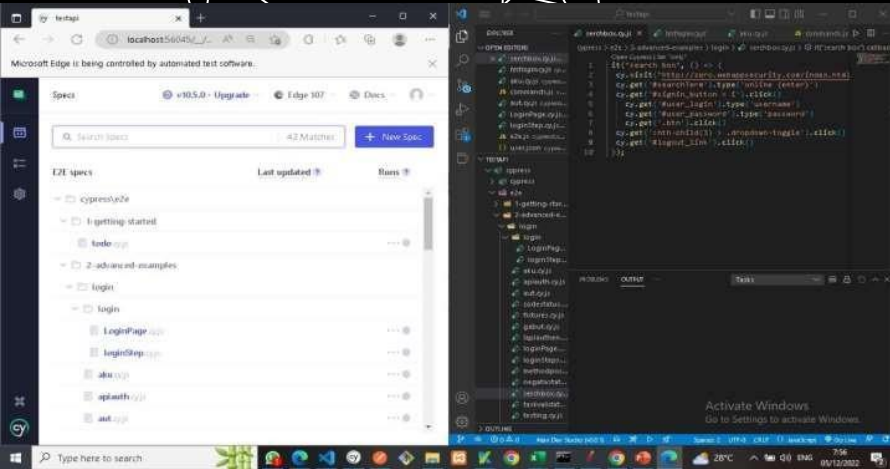


Result



# WHY CYPRESS.IO AS AN AUTOMATED TEST TOOL?

Cypress is an open-source tool with a free Test runner but it has a price range for teams and businesses where they charge you for the Dashboard. However, the Dashboard is free to some extent, unless you have extra features like Shard detection, Email support, Jira integration, and more.

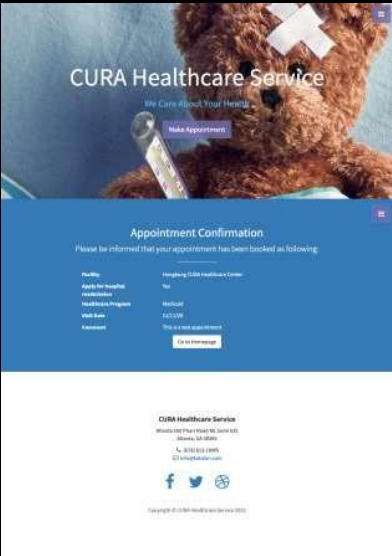


Detail My Project In cypress

The Heroquapp Katalon Dummy Application is an example of a fake application created to be used as a testing object in the software development process. This application was created with the aim of simulating the features and functions of the original Heroquapp application, thus allowing developers to test and validate the ability of Katalon Studio to perform functional tests on the application. For example, testing can be done on the service booking feature, account management, or integration with payment systems. By using Katalon's Heroquapp Dummy app, developers can ensure that the Heroquapp app works properly before it is officially released.

what's being tested

- 1. functions make appointment
- 2. make an appointment and observe the system after it has been clicked.
- 3. Test the login function with valid and invalid data
- 4. test the select function on the facility
- 5. test the function Healthcare Program and choose one of them
- 6. Function test Visit Date (Required)
- 7. test on function comment with integer and special characters
- 8. Tested the function button bookappointment and the result after clicking as expected.
- 9. and test all functions with the statement
- 10. Action screenshot and Record





## Testing Api with postman

Postman is an API Platform for developers to design, build, test and iterate APIs

what I tested on the API

1. Functionality API
2. Performanche API
3. data to see that they meet the system requirements

I tested the api given by the user for the developer's need to check the report.

1. for the testing stage of the API I read the documentation first to fulfill the requirements

this time I took the example of RajaOngkir as a APItesting material

This documentation explains how to access the RajaOngkir API service for Starter accounts.

The Starter account is a free account with the feature of checking shipping costs for JNE, POS Indonesia, and TIKI couriers.

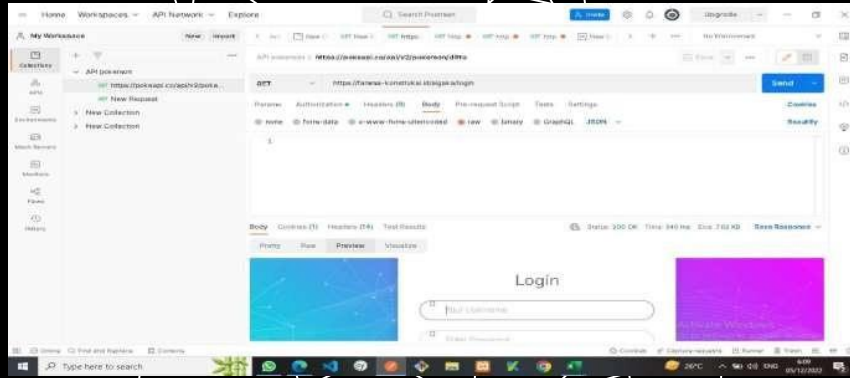
If you need other features such as tracking JNE packages, international shipping costs, and shipping costs up to the sub-district level, please contact us.

to see my project please

Or <https://documenter.getpostman.com/view/23306556/2s93eVVtFU>

# WHY POSTMAN AS API TESTING?

Postman is a computer application used for API testing. Postman sends an API request to the web server and receives a response, whatever it may be. No additional work or framework setup is required when sending and receiving requests in Postman.



## Testing API Using Cypress

Cypress is an end-to-end testing framework designed specifically for modern web applications.

1. **Ease of use:** Cypress has an intuitive and easy-to-use user interface. Even for new users, they can quickly understand how Cypress works.
2. **Real-time reloading:** Cypress has a real-time reload feature that allows users to see changes made to the code as they write it. This speeds up development time and helps users reduce errors.
3. **Easy to use:** Cypress provides an easy-to-use API, so users can easily write and run their tests.

What method do I test?

1. Method Get
2. Method Post
3. Method Delete
4. Method Put
5. Method Authorization

### 1. Method Get

Checks whether the API endpoint provides a valid response: By sending a GET request to the API Endpoint we can check whether the response provided by the server is valid or not. This includes checking the response status code, data format, and response structure.

### 2. Method Post

Check if the API endpoint can receive the data sent: In API testing with the POST method, we can send data to the API endpoint and check if the data is successfully received by the server. This includes checking the response status code and response structure to ensure that the data has been successfully sent to the server.

### 3. Method Delete

Checking if the API endpoint can delete the requested resource: In API testing with the DELETE method, we can send a DELETE request to the API endpoint and check if the server can successfully delete the requested resource. This includes checking the response status code to ensure that the server has deleted the requested resource.

Testing Apl using Newman

Newman is a command line collection created to run the automation API in Postman. Newman has extensibility and is easily integrated with CI/CD. When testing APIs in Postman applications requests are stored in the collection.

Requirement for install Node.js

How To Install Newman



npm install -g newman

How To Run?  
newman run mycollection.json

Example testing Failed



Status Code Test

GET https://postman-echo.com/status/404 [404 Not Found, 534B, 1551ms]

1\ response code is 200

	executed	failed
iterations	1	0
requests	1	0
test-scripts	1	0
prerequisite-scripts	0	0
assertions	1	1

total run duration: 1917ms

total data received: 14B (approx)

average response time: 1411ms

# failure

detail

1\ AssertionFail response code is 200

at assertion:1 in test-script

inside "Status Code Test" of "Example Collection"

with

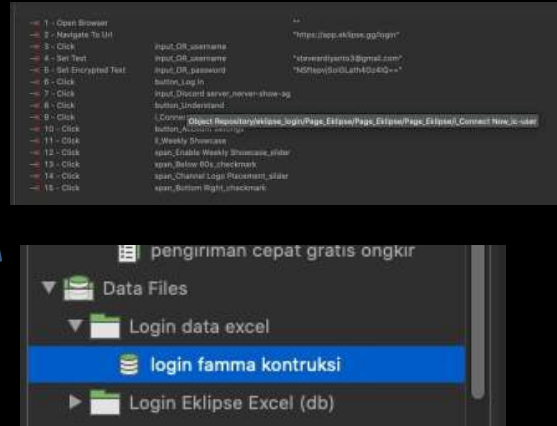
Failing Tests"

## Katalon for Testing Application

Katalon is a software testing platform that provides various features to help software developers test their applications easily and effectively.

## What method do I test?

1. conducting tests by utilizing feature records and compiling spy objects
2. contains environment data that is required in terms of testing
3. test the android application by installing the required jdk
4. Loop statement testing for bug needs in katalon
5. integrated katalon to email for remote work
6. Create a BDD test using Katalon studio
7. Import Web Record from Selenium to Katalons Studio
8. Report Automated via HTML



### Educations

- Eduwork – Quality Assurance I Score: 4.7/5.0 (Feb - Jul 2022, 6 Months)
- S1 Teknik Informatika Institut Teknologi dan Bisnis Swadharma Learn up to a day

## CONTACT INFO

Git Hub = <https://github.com/alamsyahfirdauss/>

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Whatsapp= 083894998895

Instagram = Alamsyah Firdaus

#### SKILLS & INTERESTS

**Tools :** Katalon Studio | Cypress | JMeter | Apache | Postman | Selenium IDE | Jira | Atlassian | Newman | Appium | qase.io | Click Up | Appium | Jenkins | Newman | HTML | CSS | Java Script | Python Selenium | Sublime | Vscod | WebDriver Selenium | Github |

**Skills:** Product/Project Management | Scrum | Agile development | Automated Test | Manual Test | Bug Reports | UAT | Reading Doc |

**Interests:** Quality Assurance | Software Testing | Tester

**Languages:** English | Indonesian