

QA ENGINEER - TESTS - RAIDIAM-RENAN MARQUES

Task 1: Front-end test

Explore the project

vue-realworld-example-app(<https://github.com/CaiqueCoelho/vue-realworld-example-app>) by running the project locally, analyze the functionalities and features, and answer the following questions:

1- What are the 3 most critical flows of this application? Explain why for each one

a- First of the most important flows that definitely needs to be here is "SIGN UP", so the user can have access to log in the Conduit system;

b- Second one is to actually log into the system with the same credentials inserted during "Sign up", because is necessary to log in to be able to use the main functionalities of the Conduit System ;

c- Third one would be the publishing a "New Article" by filling the formulary with user informations, that I believe is the core of the system since the whole idea is " A Place to share your knowledge"

2- Based on the 3 flows above, write how many test cases you consider important to ensure that these flows continue working. Feel free to write the test cases in the way that works best for you, using Gherkin, step-by step, or any other format

First flow - Sign Up

Scenario 01 (automated) - Verify if is possible to create New User account through the sign up page.

Given the user is on Home page in system Conduit

When the user clicks in "Sign up" button in the top right side of the screen

Then the user is redirected to the "Sign up" page

When the user fill the formulary with personal information

And the user clicks in the button "Sign up"

And all data provided is correct

Then the user must be logged into Conduit system

Status Functional: **Approved**

Evidence:

Sign up

Have an account?

testraidiam444

testraidiam444@gmail.com

.....

Sign up

Home New Article Settings testraidiam444

ge.

Status Automation: **Approved**

Evidence:

sign_up_new_user

```
(shr) GET 200
https://conduit.productionready.io/api/tags/
7 get_input(type='text')
[placeholder='Email'].form-control.form-control-ig
8 -expect expected <input.form-control.form-control-ig> to be visible
9 -type userstest364@gmail.com
10 (shr) GET
https://api.realworld.io/api/tags/
11 (shr) GET
https://api.realworld.io/api/articles?offset=0&limit=10
12 get_input(type='password')
[placeholder='Password'].form-control.form-control-ig
13 -expect expected <input.form-control.form-control-ig> to be visible
14 -type gogol123
15 wait 1500
16 get_button(btn-1g.btn-primary.pull-xs-right)
17 -click
18 (shr) POST 201
https://conduit.productionready.io/api/users
19 (shr) POST
https://api.conduit.productionready.io/api/users
```

conduit

Home New Article Settings conduct123

conduit

A place to share your knowledge.

Your Feed Global Feed

Maksim Esteban

Ill quantify the redundant TCP bus, that should hard drive the ADP bandwidth!

Aut facilis qui. Cupiditate sit ratione eum sunt rerum impedit. Qui suscipit delectis et et voluptates voluptatem voluptatibus. Quis voluptatum quae corporis corporis possimus.

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facilis tenetur

Maksim Esteban

quantifying the circuit wont do anything, we need to parse the back-end FTP interface!

Quo voluptatem quia numquam laudantium sit quibusdam aut. Veritatis omnis neque ea saepe hic enim. Nam odit dolor non consequuntur perspicatis inventore ut sint. Velit quod praesentium adipisci modi.

Read more...

Scenario 02- Validate negative scenario where the system does not allow to create New User Account when the email provided is already taken.

Given the user is on Home page in system Conduit

When the user clicks in "Sign up" button in the top right side of the screen

Then the user is redirected to the "Sign up" page

When the user fill the formulary with personal information

And insert an email that is currently in use

And the user clicks in "Sign up"

Then the system must provide feedback message informing the user that the email is not available

Status Functional: **Approved**

Evidence:

The screenshot shows a 'Sign up' form with the following elements:

- Sign up** (large heading)
- [Have an account?](#) (link)
- Two error messages in red text with blue arrows pointing to them:
 - email has already been taken
 - username has already been taken
- Input fields containing:
 - testraidiam444
 - testraidiam444@gmail.com
 - (password field)
- Sign up** (green button)

Second flow - Log in

Scenario 01 (automated) - Verify if is possible to log into Conduit system by using credentials used during "Sign up".

Given the user is on Home page in Conduit system

When the user clicks in "Sign IN" button in the top right side of the screen

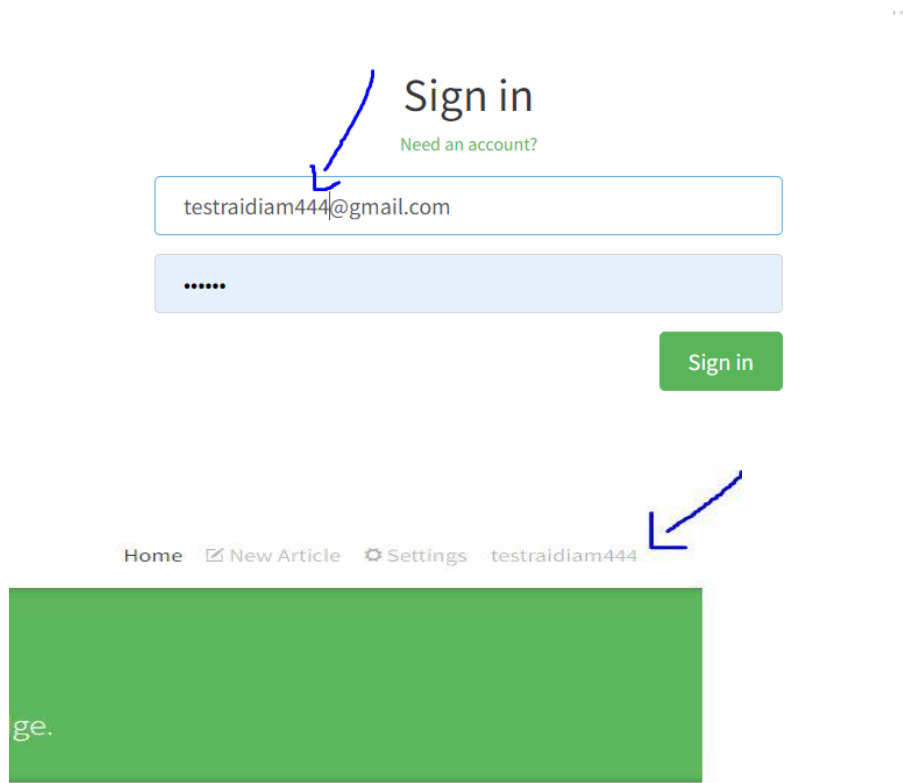
Then the user provide email and password used during "Sign up" process

When the user clicks in "Sign IN" button

Then the user must be logged into Conduit system

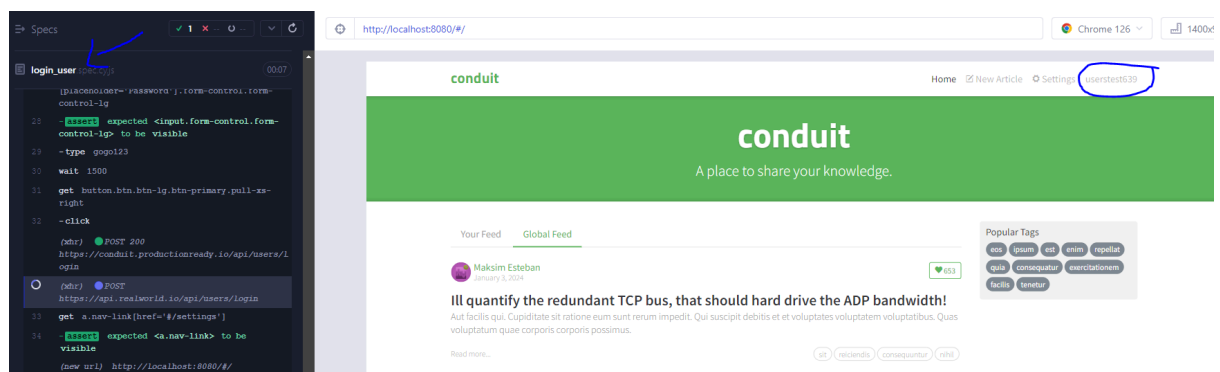
Status Functional: Approved

Evidence:



Status Automation: Approved

Evidence:



Scenario 02 - Validate negative scenario where the system does not allow user to Log into Conduit system if the credentials are not valid.

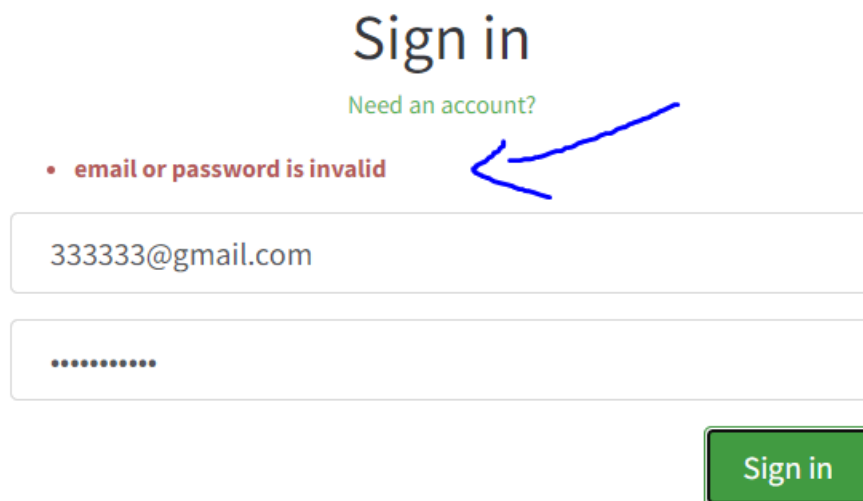
Given the user is on Home page in Conduit system

When the user clicks in "Sign IN" button in the top right side of the screen

And the user provides invalid email or password
Then system must now allow user to log into Conduit System

Status Funcional: **Approved**

Evidence:



The screenshot shows a 'Sign in' form with the title 'Sign in' and a link 'Need an account?'. Below the title is an error message: '• email or password is invalid', with a blue arrow pointing to it. The form contains two input fields: the first contains the email '333333@gmail.com' and the second contains masked characters '.....'. A green 'Sign in' button is located at the bottom right of the form.

Third flow - Publish Article

Scenario 01 (automated) - Verify if is possible to Publish New Article successfully.

Given the user is logged into Conduit system

When the user clickin in "New Article" button in the top right side of the screen

Then the user must be redirected to the "New Article" page

When the user fill all the fields

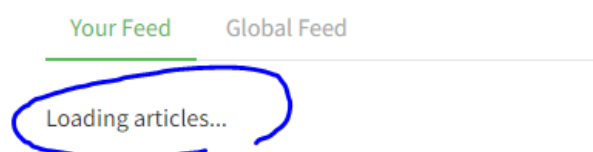
And clicks in "Publish Article" button

Then the Article must be published successfully

And must be possible to look for the article through "your articles" tab

Status Funcional: **Refused**

Status Automation: **Refused**



Evidence:

Scenario 02 - Validate negative scenario where the system does not allow the user to publish the Article if the informations are incomplete.

Given the user is logged into Conduit system
When the user clickin in "New Article" button in the top right side of the screen
Then the user must be redirected to the "New Article" page
When the user let all field blank
And clicks in "Publish Article" button
Then the system must provide feedback message guiding the user to the solution

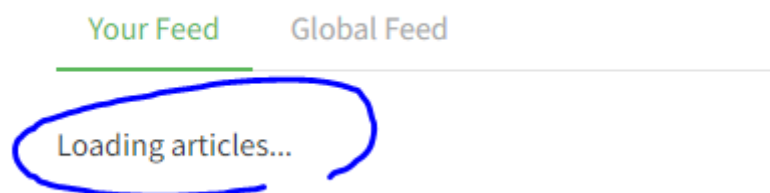
Status Functional: **Refused, there is no validation being done in the fields and there is no feedback message guiding the user.**

Evidence: Nothing happens, so is not possible to demonstrate an evidence without the resource of a video.

Scenario 03 - Verify is possible to visualize your articles through "Your Feed" page and other Articles through "Global Feed" page.

Given the user is logged into Conduit system
When the user clicks in the "Your feed" tab in home page
Then the user must be able to visualize his Articles
When the user clicks in the "Global feed" tab in home page
Then the user must be able to visualize all Articles globally

Status Functional: **Refused, is possible to see "global feed" with Articles, but "Your Feed" does not load Articles created by the user.**



Evidence:

3- Automate, using the framework or language you feel most comfortable with, the test case that you consider the most important from each critical flow.

Automated 01: First flow - Scenario 01 - Verify if is possible to create New User account through the sign up page.

Automated 02: Second flow - Scenario 01 - Verify if is possible to log into Conduit system by using credentials used during "Sign up".

Automated 03: Third flow - Scenario 01 - Verify if is possible to Publish New Article successfully.

4- Optional: Report any bugs found, define the priority of each bug, and explain your prioritization

Bug 01 - System does not load "Your feed" articles;

Given the user is logged in Conduit system
When the user clicks in "Your feed" tab
Then the user should visualize Articles Published

Status: Refused, "Your feed" tab is not loading articles

Bug 02 - System does not "Publish article";

Given the user is logged in Conduit system
When the user goes to "New Article" menu
And the user fill all the fields with the information necessary
And the user clicks in "Publish Article" button
Then the user should be able to Publish Article
And the system must provide feedback message informing the user that the Article was published

Status: Refused, system does not publish article and neither provide feedback message informing that the article was published

5- Optional 2 Create a CI/CD pipeline to run the project and run all your automated tests generating a report output of the test results. Your pipeline should fail if any tests fail

