Code review for Cypress-e2e-Allure Automation-Framework
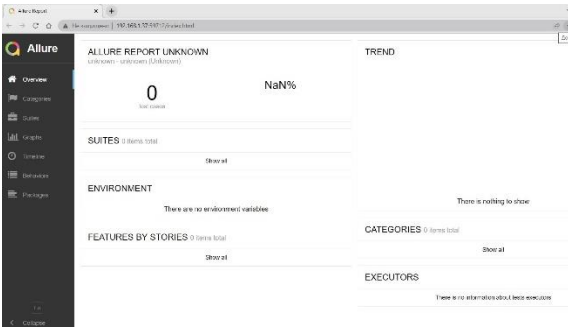
Link to the project: "https://github.com/AZANIR/cypressAllure".

Feedback	Comments	Resolution
README		
CLI commands highlighting is missing	Refers to cloning the repo and launching the tests. Should higlight the commands to be run in the cli .	Highlight the cli commands
How to run the tests	There are many launch options enumerated in cypress docs .Also several options are spelled out in package.json. Either mention them in this section or add the link to the cypress docs.	Add more commands for specific launch options.
Report section issues	There is no information on the test reporting. How to get reports. Not enough add only screenshot, and screenshot doesn't match real report.	Add information on reporting. And link report GitPage.
The instruction "Change "Username" and "Password""	Doesn't contain detailed steps for changing and the purpose of this action	Add steps.
Pre-installed information	The "README.md" file doesn't contain information about the required version of node js, npm etc.	Add more information.
Test Cases		
no test cases		Add file with test-cases
Folder structure		
	tsconfig.json should be inside your *cypress* folder	https://docs.cypress.io/guides/tooling/typescript-support#Configure-tsconfigjson
Fixture		
Duplicate data	If we have one valid email and valid password and use only there For example: it('login with invalid email credentials read data from fixture', function () { loginPage.login(this.data.invalid_credentials.invalid_email.emailId, **this.data.invalid_credentials.invalid_email.password**) loginPage.validateLoginError('Authentication failed.') This is more convenient in the future, if have to change mail or password, this can be done in one place.	If we change only email we can use valid password it('login with invalid email credentials read data from fixture', function () { loginPage.login(this.data.invalid_credentials.invalid_email.emailId**,** **this.data.valid_credentials.password**) loginPage.validateLoginError('Authentication failed.')

	Tests	
	I can't check how tests work, because site is failed.	
Title of the test	Generally the description of the test should contain the test's id and the main goal. The tests summary describes the test case objective. It should start either with Check or Verify and then include the process of verification.	Add id and update the description.
The file name "myAccount"	The file name "myAccount" doesn't match the content of the tests – visit google.com and console log text.	The file name must be changed according to its content.
	The file doesn't belong to CypressAllure project.	Remove from project.
	First code line (import from page) isn't used.	Remove from code.
	For simple code, it makes no sense to use *BeforeEach.*	*Cy.visit* should move to *it* block
	Console.log("This is a sample test") isn't correct.	Change to cy.log https://docs.cypress.io/api/commands/log
	//loginPage.launchApplication() – unnecessary comment.	Remove from code.
The file name "loginPage.ts"	*it('login with valid credentials')* and *it('login with valid credentials read data from fixture')* check the same functionality.	Will be better removing it ('login with valid credentials') and leave test with using fixture
	in hook "BeforeEach" – the name of function does not match functionality (open site with base url).	Rename this function.

	Assertions should be in specs files.
	
	`myAccountPage.validateSuccessfulLogout()`
	`loginPage.validateLoginError('Authentication failed.')`
	
	better be described in spec files instead of page objects files.
		Re-written in spec file correctly.

	`myAccountPage.logout()`
	`myAccountPage.validateSuccessfulLogout()`
	these steps are unnecessary if we check only login with valid.
	`myAccountPage.validateSuccessfulLogin()`
	will be enough
		Refactor the code.

	Pages	
Locators	Selectors should be declared as constants before the class declaration so that they are called only when needed and easily replaced if the selectors break on the site.	https://www.browserstack.com/guide/cypress-page-object-model
typo	empty line for the closing bracket in *loginPage.ts* file	Delete Line 25
The functions don't contain the checks.	When you fill the input field with the text you expect the entered text to be displayed inside the input. Or when you click the button, you expect for some result.	Add checks to the functions
loginPage is imported into *myAccountPage*	As a result, the *loginPage* and *myAccountPage* are imported, in the *login.test.ts* test, when it is enough to import only one Page if the inheritance is configured.	Implement POM and page Inheritance to sort your code and avoid duplications

More useful page	There are no separate methods created in the *loginPage.ts* file for more convenient use.	Will be better separate method to press a button, enter data in the email field, enter data in the password field, etc.
The name of function	The names of functions "get emailAddressTxt()", "get passwordTxt()" should be better "get emailAddressField()", "get passwordField()".	Check all and Rename functions.
Using unnecessary	```export const loginPage: LoginPage = new LoginPage()```	Refactor this line (For example module.exports = new loginPage();) https://www.browserstack.com/guide/cypress-page-object-model

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"PACKAGE.JSON" FILE

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Generates allure report with empty fields after tests execution:	```"report": "npx allure generate reports/ui/allure-results --clean -o reports/ui/allure-report && allure open reports/ui/allure-report"``` This command doesn't work, because no such file or folder exists 	Edit name in the command or change the path in the config.file.
Look heavy with unnecessary scripts	There are some scripts, which doesn't work or are repeated	Should delete string 7, Choose one "report" or "allure:generate" and fix chosen.

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"config.config.ts" file

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Base Url	Should be original Url http://automationpractice.com instead of ```baseUrl: 'http://automationpractice.com/index.php'```	https://docs.cypress.io/guides/references/best-practices#Setting-a-global-baseUrl
Screenshots or videos	There are folders with videos or screenshots, but they aren't used.	Add commands after tests.
Too many unnecessary timeouts	Each timeout is related to a specific command and you do not need to use a timeout unless you plan to use the command to which it relates.	https://docs.cypress.io/guides/references/configuration#Timeouts
Name config file	The default name of the config file is *cypress.config.ts*	It is not necessary to rename it, just add advanced configurations

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CI

I can't check action because **"The logs for this run have expired and are no longer available".**
First of all, Will be better to create a key to access the repositories. One key can be used for different repositories. And use it below:

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```
  with:

          ACCESS_TOKEN: ${{'secrets.ACCESS_TOKEN'}}
```