

# Review code of the "cypressAllure" project

## My comments and errors

### 1. File cyAllureRun.yml:

- **Add Comments:** Add short comments to each step to make it easier for other developers to understand how the pipeline works.
- **Accessing Secret Token Error:** Incorrect GitHub access secret token syntax: "ACCESS\_TOKEN: \${{ 'secrets.ACCESS\_TOKEN' }}" .  
The correct way is "ACCESS\_TOKEN: \${{ secrets.ACCESS\_TOKEN }}" .  
Using quotes around "secrets.ACCESS\_TOKEN" will cause the value to not be recognized as a secret.

### 2. File config.config.ts:

- **Screen Size Settings:** You should add screen width and height settings.

### 3. File README.md: Steps to run:

- **Cloning Instructions:** The instructions for cloning the repository are incomplete. The full command must be specified for the "git clone" command.
- **Username and Password Changes:** You need to change "Username" and "Password", but it is not indicated where to do it. It is recommended that you add instructions or comments to the relevant code.

### 4. File .gitignore:

- **Ignoring Additional Files:** You can add "package-lock.json" and other files if you don't need to store it in the repository.
- **Redundant Lines:** The "reports/\*\*" line is not needed because the file already ignores the "reports" folder.

### 5. File loginPage.ts:

- **Variable Naming:** The "signinLink" and "signinBtn" variables are not written in camelCase format.
- **Selector Precision:** It is recommended to use a more precise selector for the "alertMessage" variable to avoid possible errors.
- **Re-usable code:** The "launchApplication()" method should be moved to the "helpers" folder, as it will be reused in all tests.

### 6. File login.test.ts:

- **Arrow Functions:** In this file line 7 uses the function "function" in the tests to access "this.data". In TypeScript it is better to use arrow functions to preserve the "this" context.
- **Test Naming:** Test names are related to login, but some also test logout. This is illogical in terms of the name of the tests. Rename the tests to better reflect their content.

### 7. File myAccountPage.ts:

- **Error Handling:** You need to add error handling or assertions for scenarios where elements might not be visible or accessible within the methods. For

example, you can use assertions with "cy.should" to check the visibility and state of elements before taking actions.

- **Dynamic Content:** Instead of using hard-coded text in "validateSuccessfulLogin()", accept text as a parameter to allow flexibility in case of changes.
- **Selector Precision:** It is recommended to use a more precise selectors for the "signoutLink" and "pageHeading" variables to avoid possible errors.

## 8. File myAccount.test.ts:

- **Non-Functional Test:** In its original form, this file does not run useful tests. It should be changed or deleted.
- **Inconsistent URL:** The test URL in "beforeEach" uses the URL "https://google.com", which does not match the base URL specified in "config/config.config.ts". If it's a demo test, it's best to mention it in the comments or documentation. If the URL must be different, adjust it according to the requirements of the project.
- **Commented Code:** The "loginPage.launchApplication()" method is commented out. If it is to be used to initialize tests, it should be uncommented. If this method is not needed, it should be removed.

## 9. Missing "helpers" Folder:

- **Organizing Helpers:** The project does not have a "helpers" folder for helper classes and functions that do not apply to specific test cases. Creating this structure will help keep your code clean and organized.